

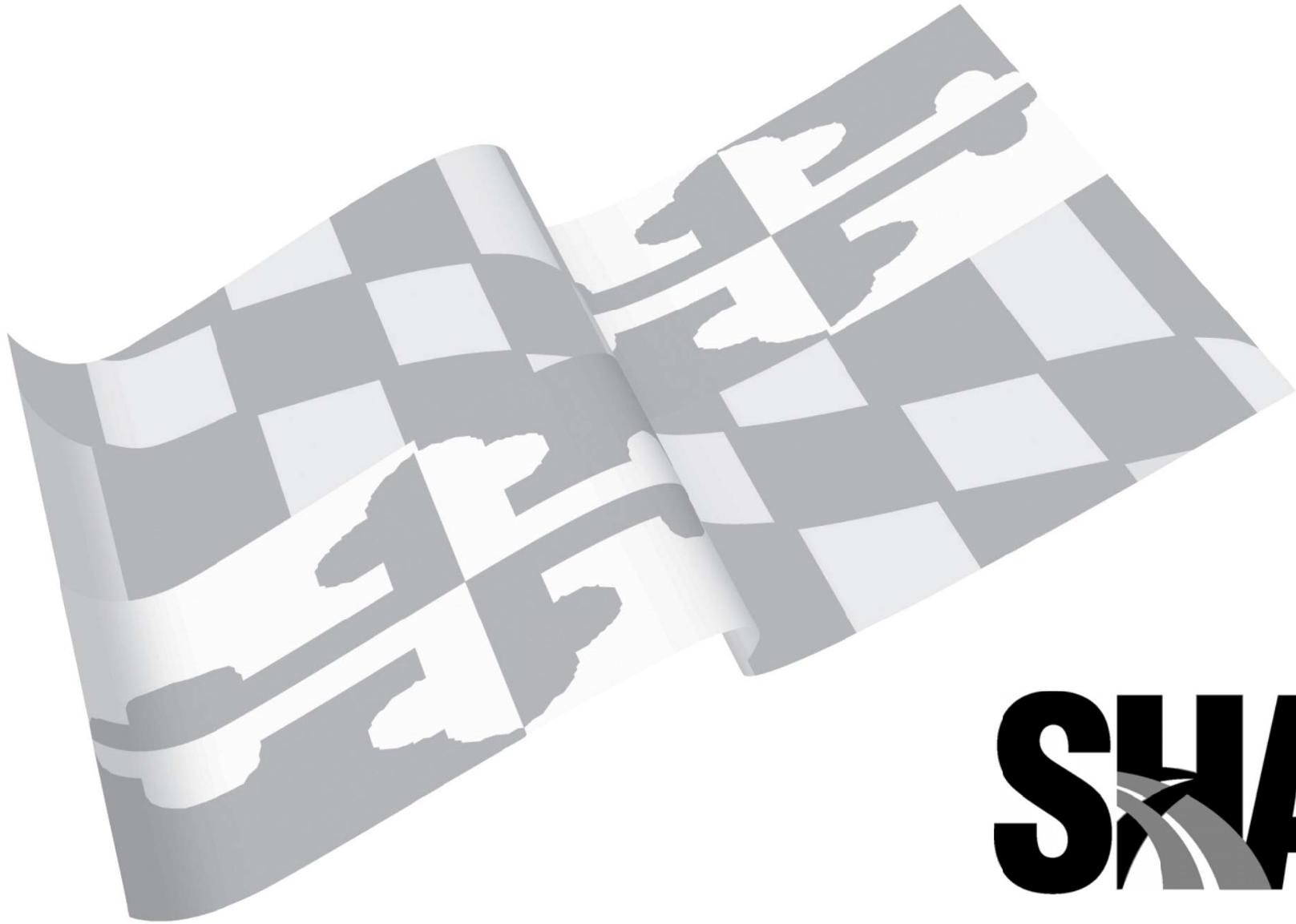
SHA



STATE HIGHWAY ADMINISTRATION

**STATE HIGHWAY ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	405.4	467.2	414.0	382.2	283.5	75.5	2,027.8
Safety, Congestion Relief and Community Enhancements	987.6	930.0	743.6	685.0	696.8	680.6	4,723.6
Other System Preservation	27.6	25.9	26.2	25.2	26.2	26.2	157.3
Reimbursables	27.3	26.5	27.9	15.0	15.0	15.0	126.7
Programs 3 & 8	77.9	78.7	78.2	77.6	77.8	77.8	468.0
<u>Development & Evaluation Program</u>	<u>39.2</u>	<u>21.1</u>	<u>20.0</u>	<u>12.4</u>	<u>8.6</u>	<u>1.4</u>	<u>102.7</u>
TOTAL	1,565.0	1,549.4	1,309.9	1,197.4	1,107.9	876.5	7,606.1
Special Funds	991.8	1,008.4	796.9	712.9	664.7	549.0	4,723.7
Federal Funds	547.9	516.4	485.9	470.6	443.0	327.5	2,791.5
Other Funds	25.3	24.5	27.0	13.8	-	-	90.6



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:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input checked="" type="checkbox"/> 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 2016 - 21 CTP: Added funding in FY22. Cost change due to the removal of cumulative expenditures from previous years.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	86,400	12,550	13,550	11,980	12,880	11,780	11,830	11,830	73,850	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	36,000	7,350	5,750	8,520	7,420	2,920	1,870	2,170	28,650	0	0
Total	122,400	19,900	19,300	20,500	20,300	14,700	13,700	14,000	102,500	0	0
Federal-Aid	39,357	8,000	5,346	5,740	6,638	4,880	4,357	4,396	31,357	0	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 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 2016 - 21 CTP: Added funding in FY22. Cost change due to the removal of cumulative expenditures from previous years.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				YEAR 2022			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,500	150	250	200	200	200	250	250	1,350	0		
Engineering	10,750	1,550	1,450	1,550	1,550	1,550	1,550	1,550	9,200	0		
Right-of-way	0	0	0	0	0	0	0	0	0	0		
Construction	22,250	3,400	3,300	3,450	3,350	3,150	2,700	2,900	18,850	0		
Total	34,500	5,100	5,000	5,200	5,100	4,900	4,500	4,700	29,400	0		
Federal-Aid	0	0	0	0	0	0	0	0	0	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 (2016) - 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 2016 - 21 CTP: Cost change due to the removal of cumulative expenditures from previous years and the deferral of funding in FY 19 through FY 22.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,250	1,500	1,750	2,000	0	0	0	0	3,750	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	32,350	15,700	10,550	6,100	0	0	0	0	16,650	0
Total	37,600	17,200	12,300	8,100	0	0	0	0	20,400	0
Federal-Aid	15,900	7,200	6,200	2,500	0	0	0	0	8,700	0

CLASSIFICATION:

STATE - N/A

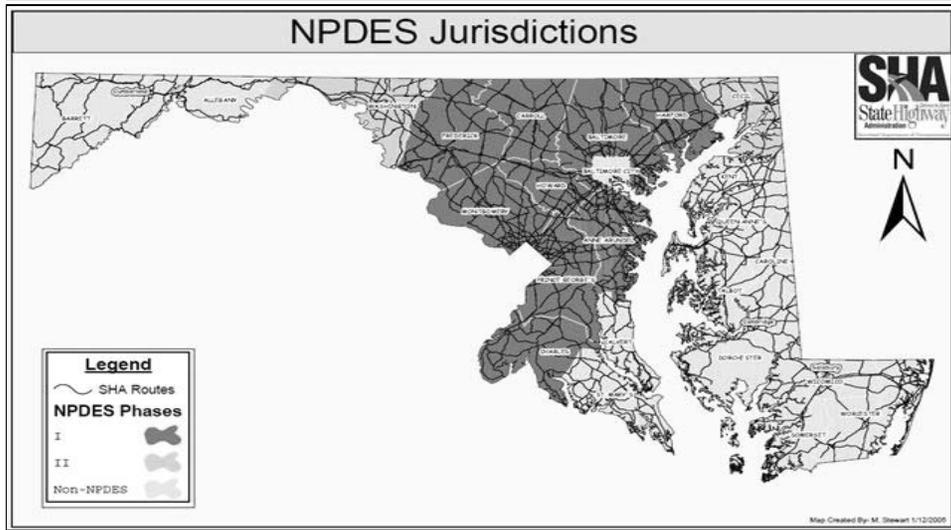
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 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, Right-of-Way, and Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Added funding in FY22.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2019....	....2020....	....2021....	....2022....		
Planning	20,450	5,300	2,550	2,200	2,200	2,200	3,000	3,000	15,150	0
Engineering	271,900	70,700	38,100	33,100	19,000	19,000	46,000	46,000	201,200	0
Right-of-way	3,850	2,500	200	350	300	300	100	100	1,350	0
Construction	475,200	95,700	36,750	97,850	88,100	87,000	39,000	30,800	379,500	0
Total	771,400	174,200	77,600	133,500	109,600	108,500	88,100	79,900	597,200	0
Federal-Aid	50,994	50,994	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - N/A

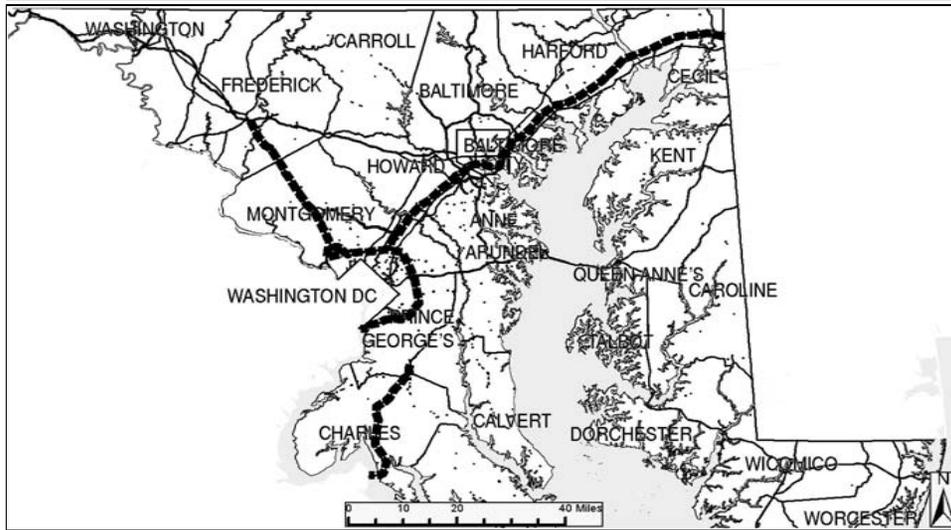
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 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 2016 - 21 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				FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,055	1,538	1,381	136	0	0	0	0	1,517	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	3,055	1,538	1,381	136	0	0	0	0	1,517	0
Federal-Aid	2,844	1,383	1,325	136	0	0	0	0	1,461	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - N/A

PROJECTED (2035) - N/A

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in District 5; sidewalks	3,023	Completed
2		At various locations in District 5; guardrail	933	Completed
3		Various locations in Carroll, Frederick and Howard Counties; joint sealing	1,400	Completed
4		Various locations in Districts 3 and 5; pavement marking	2,638	Completed
5		Various locations in Districts 1 and 2; pavement marking	2,055	Completed
6		Various locations in District 6; guardrails	1,826	Completed
7		Various locations in Montgomery and Prince George's Counties; resurface	2,055	Completed
8		At various locations in District 5; widen and resurface	4,176	Completed
9		At various locations in Calvert, Charles and St. Mary's Counties; joint sealing	493	Completed
10		Traffic barrier upgrades at various locations in District 7; guardrail	1,556	Completed
11		Install/upgrade Traffic barrier at various locations in District 6	725	Completed
12		Various Locations in District 5; slurry seal	1,932	Completed
<u>Bridge Replacement/Rehabilitation</u>				
13		Bridges 1400600 and 2001800 in Kent and Talbot counties; clean/paint bridges	1,386	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
14		At various locations Statewide; drainage improvement	3,210	Completed
15		At various locations Statewide; drainage improvement	3,269	Completed
16		At various locations in District 3; surface treatment	62	Completed
17		Various locations statewide; drainage improvement	3,321	Completed
18		Various locations in District 2; rumble strips	232	Completed
19		At various locations in District 3; sidewalks	3,744	Completed
20		Various locations statewide; drainage	1,457	Completed
21		Various locations in Allegany and Garrett Counties; geometric improvements	2,271	Completed
22		Repairs on Stormwater Facilities in various locations; drainage improvement	622	Completed
23		Sign Reflectivity Management Statewide; signing	8,000	Completed
24		Stormwater Management facilities at various locations Statewide; drainage improvement	2,584	Completed
<u>Environmental Preservation</u>				
25		Landscape Sustainability IV at various locations in District 1; landscape	112	Completed
26		Integrated roadside veg management I 695 to Mountain Road; landscape	597	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
27		Landscape sustainability IV for various locations in District 3 and 5; landscape	604	Completed
28		Various locations in District 4 and 7; landscape	490	Completed
29		Various locations in District 1 and 2; landscape	151	Completed
30		Landscape sustainability improvements in various locations in District 3 and 5; landscape	594	Completed
31		Various interchanges on US 50 and US 13; landscaping	944	Completed
32		Various interchanges on I 83, I 695 and I 95; landscaping	1,650	Completed
33		Vegetation management - Various interchanges on US 50, MD 100 and District 5 Wetlands; landscaping	1,484	Completed
34		Various interchanges on I 70, I 95 ,US 29 and MD 100 ; landscaping	1,976	Completed
35		Landscape sustainability improvements at various locations in District 3 and District 5; landscaping	234	Completed
36	I 68	Integrated roadside vegetation management - Allegany/Washington County line to Allegany/Garrett County line; landscaping	1,099	Completed
37	I 95	Vegetation Management - MD 202 to I-95, I-495 to HO/PG County line; landscaping	3,088	Completed
38	US 301	Blue Star Memorial Highway; US 50 split to Delaware State Line; landscape	230	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions (cont'd)</u>				
<u>Sidewalks</u>				
39		Various locations in District 3; sidewalks	3,661	Completed
<u>TMDL Compliance</u>				
40		Tree Planting at various locations in District 7; landscape (Transportation Infrastructure Investment Act of 2013)	1,062	Completed
41	I 97	John Hanson Highway; Grass swales at various locations in District 5; drainage improvement (Transportation Infrastructure Investment Act of 2013)	3,941	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
42		At various locations in District 4; surface treatment	623	FY 2017
43		At various locations in District 7; guard rail	2,211	FY 2017
44		At various locations in District 7; slurry seal	4,440	FY 2017
45		At various locations in District 5 - ultra thin bonded wearing course; surface treatment	4,005	FY 2017
46		At various locations in Allegany, Garrett and Washington counties; guard rail	2,396	FY 2017
47		At various locations in District 1 - ultra thin bonded wearing course; surface treatment	4,132	FY 2017
48		At various locations in District 4 - ultra thin bonded wearing course; surface treatment	4,137	FY 2017
49		At various locations in District 4; surface treatment	1,488	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
50		At various locations in District 4; joint sealing	1,843	FY 2017
51		At various locations in District 6 - thermo thinline striping; pavement marking	1,245	FY 2017
52		At various locations in District 3 - thermo thinline striping; pavement marking	1,226	FY 2017
53		At various locations in Caroline and Talbot Counties; resurface	1,892	FY 2017
54		At various locations in District 5; guard rail	930	FY 2017
55		At various locations in District 6; resurface	478	FY 2017
56		At various locations in Montgomery and Prince George's Counties; sidewalks	2,149	FY 2017
57		At various locations in District 7 - thermo thinline striping; pavement marking	962	FY 2017
58		At various locations in District 5; sidewalks	2,250	FY 2017
59		At various locations in District 2; mill and resurface	3,877	FY 2017
60		At various locations in District 2 - thermo thinline striping; pavement marking	960	FY 2017
61		At various locations in Carroll and Frederick Counties; mill and resurface	18,187	FY 2017
62		At various locations in District 7; patching	2,313	FY 2017
63		At various locations in Kent and Queen Anne's Counties; resurface	1,894	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
64		At various locations on I-70, I-95, I-195, I-795, I-83, I-695, MD 695 and MD 295; safety and resurface	8,555	FY 2017
65		At various locations in District 1; pavement marking	1,003	FY 2017
66		At various routes in Carroll, Frederick and Howard counties; guard rail	2,003	FY 2017
67		At various locations in District 5; pavement marking	1,907	FY 2017
68		At various locations in District 4; pavement marking	1,157	FY 2017
69		At various locations in District 2; sidewalks	1,392	Under construction
70		At various locations in Caroline, Cecil, Kent, Queen Anne's and Talbot counties; slurry seal	2,310	FY 2017
71		At various locations in District 5; patching	3,377	FY 2017
72		At various locations in Caroline, Cecil, Kent, Queen Anne's and Talbot counties; guard rail	599	FY 2017
73		At various locations in Calvert, Charles and St. Mary's counties; joint sealing	913	FY 2017
74		At various locations in Dorchester, Somerset, Wicomico and Worcester Counties; patching	2,669	FY 2017
75		At various locations in Dorchester, Somerset, Wicomico and Worcester Counties; guard rail	1,566	Under construction
76		At various locations in District 6; slurry seal	2,974	FY 2017
77		At various locations in District 2; joint sealing	465	FY 2018

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
78		At various locations in District 4; guardrail	2,302	Under construction
79		At various locations in District 4; Joint Sealing	1,435	Under construction
80		At various locations in District 6; resurface	445	Under construction
81		At various locations in District 7; guardrails	1,940	Under construction
82		Various locations in Districts 4 and 7; pavement marking	2,025	Under construction
83		Various locations in District 2; slurry seal	1,186	Under construction
84		Various locations in Carroll, Frederick and Howard Counties; joint sealing	442	FY 2017
85		Various locations in Carroll, Frederick and Howard Counties; patching	1,712	Under construction
86		Various locations in District 3 and 5; thermoplastic thinline striping	1,207	Under construction
87		Various locations in District 2; guardrail	383	FY 2017
88		Various locations in District 1 and 2; thermoplastic thinline striping	1,363	Under construction
89		Various locations in District 7; guardrail	1,413	Under construction
90		Various locations in Cecil, Kent, Queen Anne's and Caroline Counties; sidewalks	737	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
91		Preservation and minor rehab of fixed bridges, culverts and retaining walls-statewide; bridge rehabilitation	12,604	FY 2017
92		Preservation and minor rehab of fixed bridges, culverts and retaining walls-statewide; bridge rehabilitation	12,604	FY 2017
93		Preservation and minor rehab of fixed bridges, culverts and retaining walls-statewide; bridge rehabilitation	12,604	FY 2017
94		At various locations in District 6; bridge rehabilitation	3,119	FY 2017
95		Preservation and minor rehab of fixed bridges, culverts and retaining walls-statewide; bridge rehabilitation	12,604	FY 2017
96		Preservation and minor rehab of moveable and fixed bridges, culverts and walls; bridge rehabilitation	12,570	FY 2017
97		Invert paving and restoration to various structures; miscellaneous	4,192	FY 2017
98		Preservation/minor rehab fixed bridges, culverts, retaining walls in District 6; bridge rehabilitation	1,997	FY 2017
99		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 1; bridge rehabilitation	11,258	FY 2017
100		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 2; bridge rehabilitation	11,322	Under construction
101		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 4; bridge rehabilitation	13,049	Under construction
102		At various locations on lower Georges Creek Road, National Freeway, Friendsville Road; clean/paint bridges	1,670	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation (cont'd)</u>				
103		Preservation and minor rehab of moveable and fixed bridges, culverts and walls; bridge rehabilitation	9,033	FY 2017
104		Install troughs and rehabilitation of joints to 27 bridges in WA and BA Counties; joint sealing	3,144	Under construction
105		Invert paving and restoration to various structures; miscellaneous	1,639	Under construction
<u>Safety/Spot Improvement</u>				
106		At various locations in District 4; RPM	801	FY 2017
107		Tree trimming/removal at various locations in Prince George's and Montgomery counties; safety	523	FY 2017
108		At various locations in District 5; rumble strips	469	FY 2017
109		At various locations in District 1; RPM	458	FY 2017
110		Baltimore and Harford Counties - safety and operations improvements; safety	5,553	FY 2017
111		At various locations statewide - on call contract; drainage improvement	5,491	FY 2017
112		At various locations in District 1; rumble strips	319	FY 2017
113		Baltimore and Harford counties - tree trimming and removal; bicycle-pedestrian route	515	FY 2017
114		At various locations in Carroll, Frederick and Howard counties; RPM	801	FY 2017
115		At various locations in District 5; RPM	561	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
116		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
117		At various locations statewide; drainage improvement	2,895	Under construction
118		At various locations in Prince George's and Montgomery counties; geometric improvements	3,292	FY 2017
119		At various locations in District 2; RPM	603	FY 2017
120		At various locations in Baltimore and Harford counties; rumble strips	1,130	FY 2017
121		At various locations in District 4; sidewalks	2,972	FY 2017
122		At various locations in District 6; drainage improvement	8,786	FY 2018
123		ADA at various locations in District 1; sidewalks	4,541	FY 2017
124		At various locations statewide - Stormwater/drainage asset remediation; drainage improvement	3,131	Under construction
125		At various locations in District 6; sidewalks	3,392	FY 2017
126		At various locations in District 3; sidewalks	3,494	FY 2017
127		Clearing and grubbing at various locations for utilities relocation in District 5; miscellaneous	273	FY 2017
128		Various locations in District 7; ADA compliance	2,515	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
129		At various locations in District 1 and 2; pavement marking	899	Under construction
130		Various locations in District 3, 4, 5, 6 and 7; pavement marking	1,712	Under construction
131		At various locations in District 1; rumble strips	505	Under construction
132		ADA Compliance Program in District 1	4,135	FY 2017
133		Various locations in Baltimore and Harford Counties; safety	6,921	Under construction
134		Various locations in District 4; pavement markings	517	Under construction
135	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	2,103	FY 2017
136	US 40	Baltimore National Pike; Bethany Lane to Tyson Road and Johnnycake Road to Coleridge Road; guard rail	753	Under construction
<u>Noise Barriers</u>				
137		Noise barrier preservation and remediation - statewide; noise abatement	2,240	FY 2017
138		Noise barrier fire door remediation in district 3; noise abatement	1,354	FY 2017
139		Various locations; noise abatements	1,435	Under construction
140	I 495	Capital Beltway; noisewalls 15110 and 15113; drainage improvements	160	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management</u>				
141		At various locations - statewide; signalization	6,864	FY 2017
142		At various locations in Districts 3, 4, and 5; signalization	7,771	FY 2017
143		Sign structure replacement - statewide; signing	7,389	FY 2017
144		Modify/install/recon of signing - statewide; signing	8,896	FY 2017
145		At various locations in District 6 and 7; lighting	2,773	FY 2017
146		At various locations statewide - UPS/APS/CFS; signalization	5,965	FY 2017
147		At various locations in District 3 and 6; signalization	7,433	FY 2017
148		At various locations - sign retro reflectivity; signing Funding provided by the Governor's Investment in Highways and Bridges Initiative	5,300	FY 2018
149		At various locations in Districts 1 and 2; signalization	3,793	FY 2017
150		At various locations in Districts 6 and 7; lighting	3,378	Under construction
151		At various locations statewide; signing	6,251	Under construction
152		Light Emitting Diode (LED) Upgrades - Statewide	4,030	FY 2017
153		Modify/Install/Reconstruct Signals; signalization	5,741	FY 2017
154		Tourism and service signing; signing	3,157	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
155		With APS/CPS in Districts 3, 4 and 7; signalization	6,970	FY 2017
156		APS in Districts 6 and 7; signalization	5,037	FY 2017
157		At various locations in District 3; lighting	4,930	FY 2017
158		At various locations in District 3; signalization	6,942	FY 2017
159		At various locations in District 4; lighting	4,268	FY 2017
160		At various locations in District 5; lighting	4,377	FY 2017
161		At various locations in District 6; signing	3,693	FY 2017
162		Various locations in District 3; signing	3,377	FY 2017
163		Various locations in District 6 and 7; lighting	4,875	FY 2017
164		Various locations in District 4; signalization	5,696	Under construction
165		Various locations in District 1 and 2; lighting	4,861	FY 2017
166		Various Locations in District 5; signalization	5,664	FY 2017
167		Various locations in District 4; signing	3,048	Under construction
168		Automatic Traffic Recorders Statewide; miscellaneous	2,222	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
169		Modify/reconstruct with in Districts 3, 4, 5; signalization	11,503	Under construction
170		Traffic signs and APS in District 3; signalization	7,153	FY 2017
171		Sign Structure replacement in District 7	4,777	FY 2017
172		Sign Structure replacement in District 4	4,905	FY 2017
173		Sign Structure replacement in District 3	5,003	FY 2017
174		Various locations in District 3, 4 and 5; signalization	5,671	Under construction
175		Various locations in Districts 6 and 7; signalization	3,168	Under construction
176		At various locations in District 5; signing	2,295	Under construction
177		Various locations in District 5; signalization	5,935	Under construction
178		Modify/Install/Reconstruct traffic signals - District 3; signalization	6,194	Under construction
179		Various locations in District 1 and 2; signalization	1,064	Under construction
180		Various locations in District 4; lighting	1,783	Under construction
181		Various locations in District 1 and 2; signing	1,163	Under construction
182		Various locations in District 3; signalization	2,146	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
183		Various locations in District 3; signing	2,810	Under construction
184		Various locations in District 5; signalization	2,104	Under construction
185		Various locations in District 6 and 7; lighting	930	Under construction
186		Various locations in District 4; signing	2,999	Under construction
187		Various locations in District 5; lighting	1,674	Under construction
188		Various locations in District 3; lighting	1,734	Under construction
189		Various locations in District 6 and 7; signing	2,170	Under construction
190		Various locations in District 1 and 2; lighting	1,300	Under construction
191		Various locations in District 4; signalization	2,048	Under construction
192		Various locations in District 6 and 7; signalization	1,074	Under construction
193		Traffic detection at signalized intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
<u>C.H.A.R.T. Projects</u>				
194		CHART CCTV Deployment (Phase 5C) in Allegany, Frederick, Garrett and Washington Counties	4,521	FY 2017
195		CHART DMS Deployment - Phase 4; miscellaneous	4,339	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>C.H.A.R.T. Projects (cont'd)</u>				
196		CHART CCTV Deployment (Phase 5B) in Anne Arundel, Baltimore, Carroll and Howard Counties	2,509	FY 2017
197		CHART CCTV Deployment (Phase 5A) in Dorchester, Frederick, Montgomery, Prince George's, Queen Anne's, Talbot, Wicomico, Worcester Counties	4,751	Under construction
198		Road Weather Information Systems Upgrade	500	Under construction
199		CHART Closed Circuit Television deployment - Phase 4	615	Under construction
200		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	Under construction
201		Back-up Power for CHART Cameras	1,484	Under construction
202		10 CCTV Cameras Project	700	Under construction
203	MD 295	Baltimore Washington Parkway; CHART ITS devices in Districts 3 and 5; miscellaneous	859	Under construction
<u>Environmental Preservation</u>				
204		Landscape sustainability improvements V for Districts 3 and 5; landscape	439	Under construction
205		Landscape Sustainability IV at various locations in District 2; landscape	106	Under construction
206		At various locations in District 4; landscape	1,274	FY 2018
207		At various locations in District 7; landscape	558	Under construction
208		Various locations in District 1 and 2; landscape	1,835	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Years 2017 and 2018 (cont'd)</u>		
		<u>Environmental Preservation (cont'd)</u>		
209	US 50	MD 404/MD 309; Integrated roadside vegetation management at various locations in District 2	573	Under construction
		<u>Sidewalks</u>		
210		Various locations in District 2; sidewalks	2,506	Under construction
211		At various locations in District 5; sidewalks	2,983	FY 2017
212		At various locations in District 5; sidewalks	2,006	FY 2017
213		Various locations in District 3; sidewalks	2,613	Under construction
		<u>TMDL Compliance</u>		
214		At various locations in District 5; landscape	2,005	FY 2017
215		At various locations in District 3 - group 1; drainage improvement	4,908	FY 2017
216		Tree planting at various locations in District 3; landscape	427	FY 2017
217		Tree establishment at various locations in Howard and Carroll counties; landscape	2,206	FY 2017
218		Tree establishment at various locations in Anne Arundel and Charles counties; landscape	921	FY 2017
219		Tree planting at various locations in Frederick and Howard Counties; landscape	3,432	FY 2018
220		At various locations in District 7 - group 1 - impervious area removal; drainage improvement	2,910	FY 2017

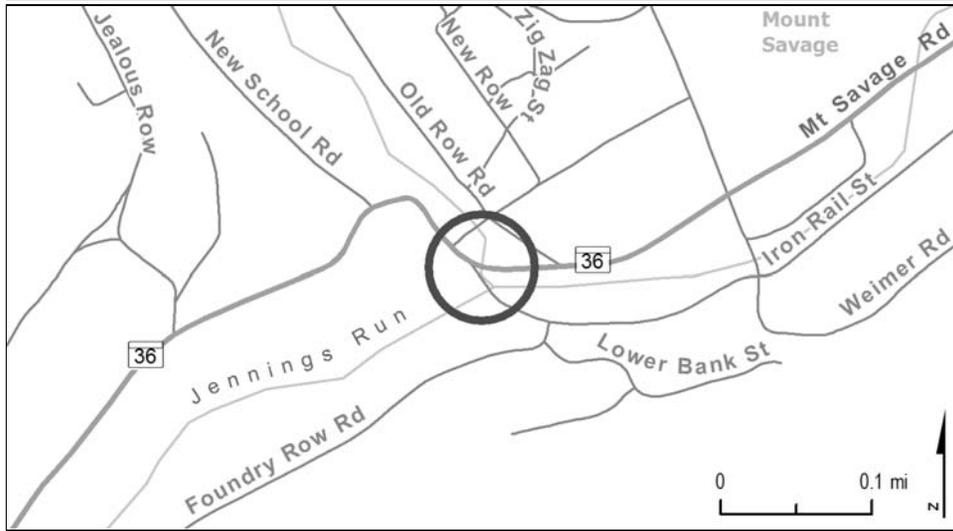
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>TMDL Compliance (cont'd)</u>				
221		Tree establishment at various locations in District 3; landscape	1,317	FY 2017
222		SWM at various locations in District 7 - Group 1; drainage improvement	6,544	FY 2017
223		Stream restoration and SWM at DNR Patapsco; wetlands replacement (reimbursed by DNR)	0	FY 2017
224		Tree planting at various locations in Anne Arundel and Charles Counties; landscape	1,175	FY 2017
225		Tree planting at various locations in District 6; landscape (Transportation Infrastructure Investment Act of 2013)	482	FY 2017
226		At various locations in District 4; drainage improvement (Transportation Infrastructure Investment Act of 2013)	3,737	FY 2017
<u>Enhancements (cont'd)</u>				
<u>Archaeological Planning & Research (cont'd)</u>				
227		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	Underway
228		Maryland Archeological Conservation Lab; creation of an archeological context database curated at the MAC Lab	55	Underway
<u>Congressional Earmarks</u>				
229		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	



ALLEGANY COUNTY



PROJECT: MD 36, Mount Savage Road

DESCRIPTION: Replace Bridge 01008 over Jennings Run. This project will accommodate bicycles and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1929, is structurally deficient.

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: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.0 million is due to a revised engineer's estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	893	432	307	154	0	0	0	0	461	0
Right-of-way	229	217	6	6	0	0	0	0	12	0
Construction	4,050	0	1,053	2,997	0	0	0	0	4,050	0
Total	5,172	649	1,366	3,157	0	0	0	0	4,523	0
Federal-Aid	705	336	246	123	0	0	0	0	369	0

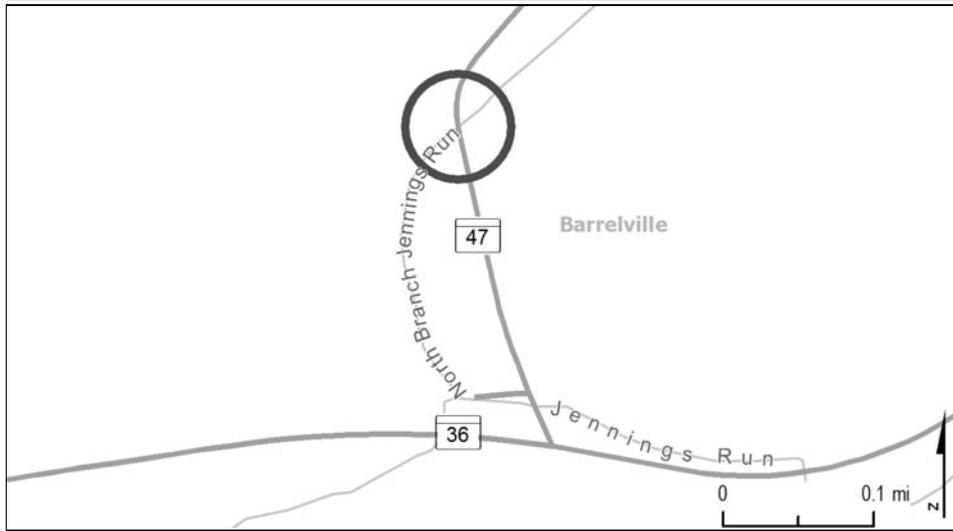
CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Urban Minor Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 2,350

PROJECTED (2035) - 2,600



PROJECT: MD 47, Barrelville Road

DESCRIPTION: Replace Bridge 01043 over North Branch. This project will accommodate bicycles and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1923, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$2.4 million is due to a favorable bid price.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					2019	2020	2021	2022				
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,233	1,233	0	0	0	0	0	0	0	0	0	
Right-of-way	482	477	5	0	0	0	0	0	0	5	0	
Construction	2,770	731	2,039	0	0	0	0	0	0	2,039	0	
Total	4,485	2,441	2,044	0	0	0	0	0	0	2,044	0	
Federal-Aid	2,612	989	1,623	0	0	0	0	0	0	1,623	0	

CLASSIFICATION:

STATE - Major Collector
 FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 2,400

PROJECTED (2035) - 2,850



PROJECT: US 220, McMullen Highway

DESCRIPTION: Study to upgrade and/or relocate US 220 (4.8 miles) and/or MD 53 (3.1 miles) from I-68/US 40 to Cresaptown. This study represents a portion of an approved Maryland/West Virginia joint study, between two Appalachian Development Highway System corridors, I-68 and US 48.

JUSTIFICATION: US 220 and MD 53 corridor improvements will enhance accessibility and promote economic development.

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 2016 - 21 CTP: None.

PHASE	TOTAL ESTIMATED COST (\$000)		PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE	
	THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
				2019	2020	2021	2022			
Planning	6,204	2,605	600	1,100	1,899	0	0	0	3,599	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	6,204	2,605	600	1,100	1,899	0	0	0	3,599	0
Federal-Aid	4,124	1,317	468	858	1,481	0	0	0	2,807	0

POTENTIAL FUNDING SOURCE:

SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,550 - 19,200

PROJECTED (2035) - 12,600 - 37,450

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

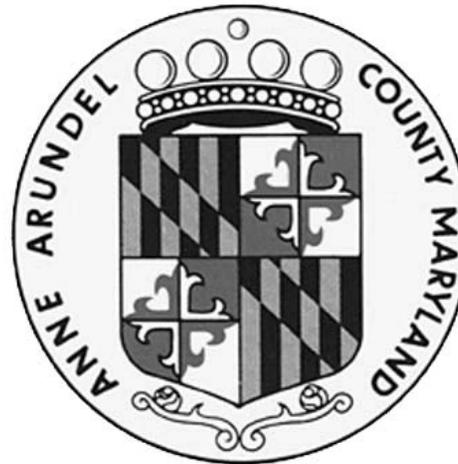
STATE HIGHWAY ADMINISTRATION -- ALLEGANY COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1	MD 36	New George's Creek Road; Jennings Run to Braddock Run; resurface	739	Completed
2	MD 51	Industrial Boulevard; Pack Horse Road to Town Creek Bridge; resurface	1,420	Completed
<u>Safety/Spot Improvement</u>				
3	US 220	McMullen Highway; at Louise Drive; geometric improvements	1,882	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
4		At various locations in Allegany County; resurface	6,959	Under construction
5	I 68	National Freeway; East of Orleans Road to Washington County line; safety and resurface	4,122	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
6	MD 956	Patriot Parkway; Bridge 0109800 over Potomac River; bridge deck replacement	3,716	Under construction
<u>Safety/Spot Improvement</u>				
7	MD 935	Lower Georges Creek Road; at Railroad Street; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	500	FY 2017
8	MD 936	Upper Georges Creek Road; Green Street to US 40 Alt; drainage improvement	411	FY 2017

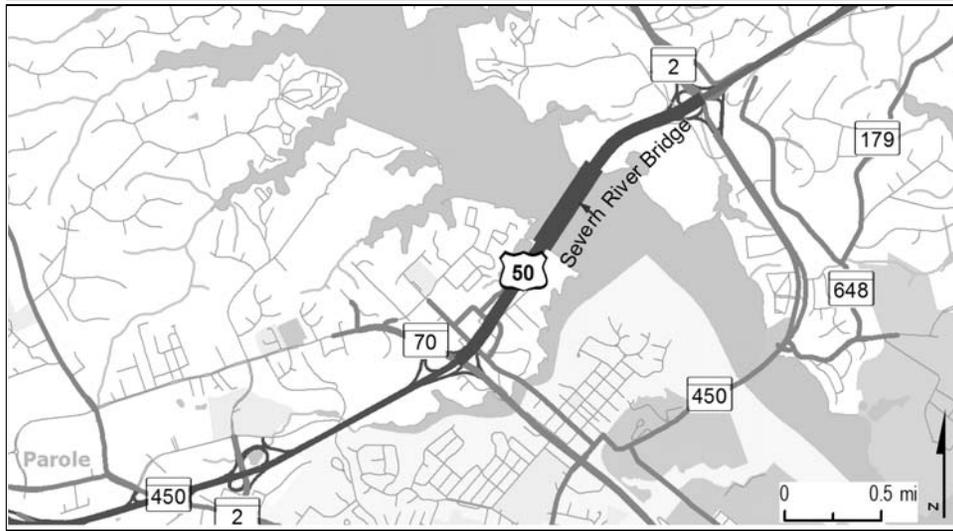
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ALLEGANY COUNTY LINE 4 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Years 2017 and 2018 (cont'd)</u>		
		<u>Intersection Capacity Improvements</u>		
9	MD 51	Industrial Boulevard; at Virginia Avenue; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	963	FY 2017
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
10		Amtrak Station Entryway Improvement	243	FY 2017
		<u>Establishment of Transportation Museums</u>		
11		Allegany Museum Permanent Transportation Exhibition; rehabilitation of the Allegany Museum and construction of a exhibition exploring the National Road and C&O Canal	150	FY 2017



ANNE ARUNDEL COUNTY



PROJECT: US 50, John Hanson Highway

DESCRIPTION: Project to ease congestion on eastbound US 50 from MD 70 to MD 2 northbound (1.7 miles) by adding an auxiliary lane and by restriping lanes on the Severn River/Pearl Harbor Memorial Bridge to accommodate an additional eastbound travel lane.

PURPOSE & NEED SUMMARY STATEMENT: The approaches to the Severn River/Pearl Harbor Memorial Bridge experience severe congestion, particularly the eastbound direction during the evening peak period.

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 segment of US 50 experiences severe congestion during peak travel hours. An additional eastbound travel lane from MD 70 to MD 2 and on the Severn River/Pearl Harbor Memorial Bridge will improve safety and operations along this important commuter corridor.

STATUS: Planning and Engineering underway. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	2,563	1,733	830	0	0	0	0	0	0	830	0	
Engineering	2,936	1,000	1,100	836	0	0	0	0	0	1,936	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	20,305	0	0	14,010	6,295	0	0	0	0	20,305	0	
Total	25,804	2,733	1,930	14,846	6,295	0	0	0	0	23,071	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

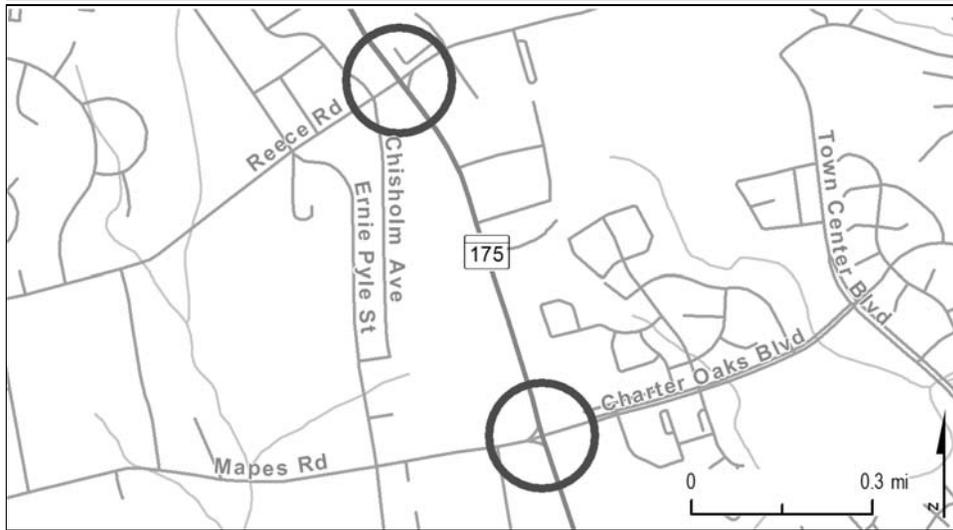
STATE - Principal Arterial
 FEDERAL - Urban Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 127,750

PROJECTED (2035) - 159,900



PROJECT: MD 175, Annapolis Road

DESCRIPTION: Construct intersection capacity improvements at Mapes Road/Charter Oaks Boulevard and Reece Road (0.6 miles). (BRAC intersection improvement) This project includes construction of a new security fence and tree buffer along Fort Meade's property. Bicycle and pedestrian facilities will be provided.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations along MD 175 and ease growing congestion resulting from BRAC expansion at Fort Meade.

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, National Business Parkway to McCarron Court (Line 3)
 MD 175, Disney Road to Reece Road (Line 4)
 MD 175, MD 295 to MD 170 (Line 7)

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

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

EXPLANATION: This project will relieve traffic congestion at these failing intersections as a result of the projected volumes from BRAC.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	4,404	2,790	1,614	0	0	0	0	0	1,614	0
Construction	14,536	7,140	3,790	3,606	0	0	0	0	7,396	0
Total	18,940	9,930	5,404	3,606	0	0	0	0	9,010	0
Federal-Aid	15,624	8,104	4,488	3,032	0	0	0	0	7,520	0

CLASSIFICATION:

STATE - Urban Minor Arterial

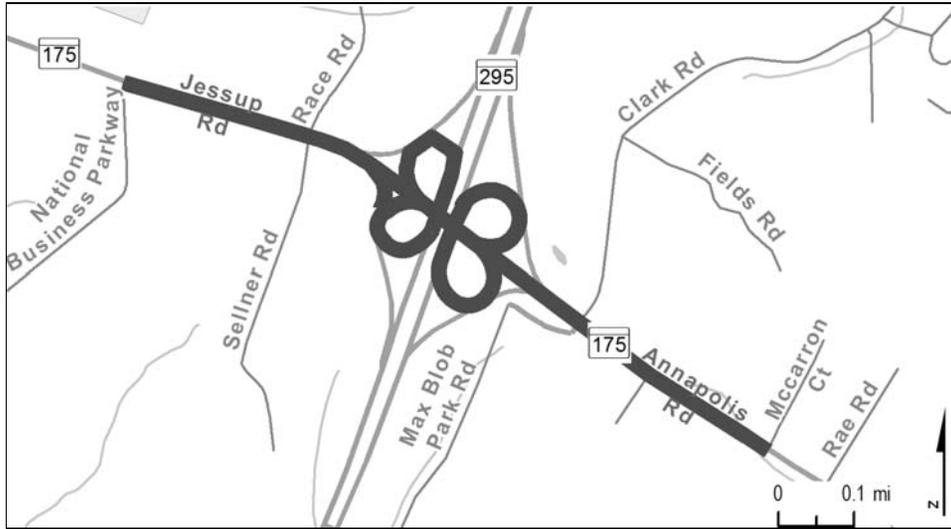
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 25,400

PROJECTED (2035) - 47,000



PROJECT: MD 175, Annapolis Road

DESCRIPTION: Widen MD 175 from National Business Parkway to McCarron Court from two lanes to six lanes and reconfigure ramps at the MD 295 interchange to create signalized left turns at MD 175.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations along MD 175 and ease growing congestion related to BRAC expansion at Fort Meade.

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 Mapes and Reece (Line 2)
 MD 175, Disney Road to Reece Road (Line 4)
 MD 175, MD 295 to MD 170 (Line 7)

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

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

EXPLANATION: This project will address safety concerns at the MD 295 interchange and relieve traffic congestion related to BRAC expansion at Fort Meade.

STATUS: Engineering and Right-of-Way underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$25.1 million is due to the removal of a noise wall and retaining wall and reduced appraisal values.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,600	2,140	980	480	0	0	0	0	1,460	0
Right-of-way	17,798	10,093	3,945	3,760	0	0	0	0	7,705	0
Construction	64,910	0	0	0	5,555	12,531	15,558	16,104	49,748	15,162
Total	86,308	12,233	4,925	4,240	5,555	12,531	15,558	16,104	58,913	15,162
Federal-Aid	41,645	1,674	784	384	4,333	9,774	12,135	12,561	39,971	0

CLASSIFICATION:

STATE - Urban Minor Arterial

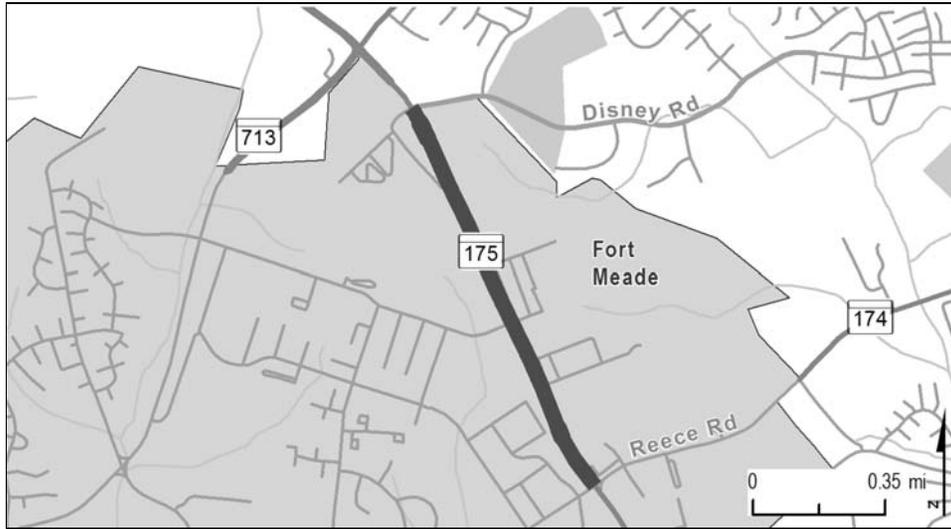
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 36,000

PROJECTED (2035) - 47,000



PROJECT: MD 175, Annapolis Road

DESCRIPTION: Widen MD 175 from Disney Road to Reece Road, from the existing two lane roadway to a six lane roadway (1.1 miles). Bicycle and pedestrian facilities will be provided.

PURPOSE & NEED SUMMARY STATEMENT: This project will address current and future congestion along MD 175 and will improve access to Fort Meade.

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 175, at Mapes and Reece Roads (Line 2)
- MD 175, National Business Parkway to McCarron Court (Line 3)
- MD 175, MD 295 to MD 170 (Line 7)

EXPLANATION: This project will relieve current and future congestion along the MD 175 corridor and will improve access to Fort Meade.

STATUS: Engineering underway. Construction to begin during current fiscal year. The project received \$10.0 million in TIGER grants for construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$18.6 million is due to a more detailed estimate, and reduced utility and drainage costs.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,000	1,632	368	0	0	0	0	0	0	368
Right-of-way	144	96	48	0	0	0	0	0	0	48
Construction	24,904	0	3,456	8,620	9,480	3,348	0	0	0	24,904
Total	27,048	1,728	3,872	8,620	9,480	3,348	0	0	0	25,320
Federal-Aid	20,997	1,282	2,985	6,724	7,395	2,611	0	0	0	19,715

CLASSIFICATION:

STATE - Urban Minor Arterial

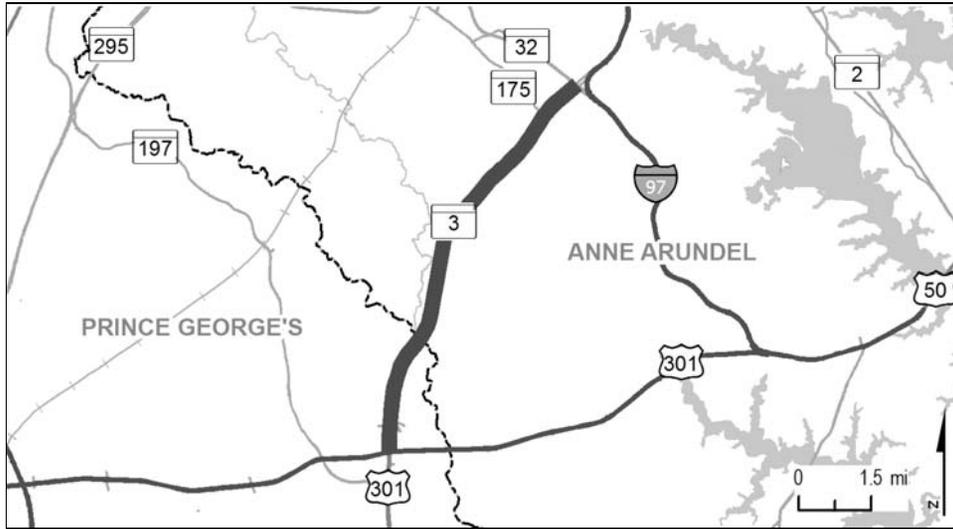
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 25,400

PROJECTED (2035) - 47,000



PROJECT: MD 3, Robert Crain Highway

DESCRIPTION: Study to upgrade MD 3 from US 50 to MD 32 to address safety and capacity concerns (8.9 miles). Bicycle and pedestrian access will be provided where appropriate.

JUSTIFICATION: This project will improve safety and operations and relieve congestion in this heavily traveled corridor.

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:

- US 301, South Corridor Transportation Study (Prince George's County - Line 23)
- US 301, North of Mount Oak Road to US 50 (Prince George's County - Line 24)
- MD 450, Stonybrook Drive to west of MD 3 (Prince George's County - Line 31)

STATUS: Planning on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,873	3,873	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	4,673	4,673	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	8,546	8,546	0	0	0	0	0	0	0	0
Federal-Aid	2,868	2,868	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 65,800 - 84,150

PROJECTED (2035) - 78,375 - 124,800



PROJECT: MD 295, Baltimore Washington Parkway

DESCRIPTION: Study to widen MD 295 from 4 to 6 lanes from MD 100 to I-195 including an interchange at Hanover Road and improvements to Hanover Road from the CSX railroad tracks in Howard County to MD 170 (3.27 miles).

JUSTIFICATION: This project will help ease congestion and improve access to one of the State's economic engines, the Baltimore-Washington International Thurgood Marshall Airport.

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 complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,554	2,554	0	0	0	0	0	0	0	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	2,554	2,554	0	0	0	0	0	0	0	0
Federal-Aid	1,814	1,814	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

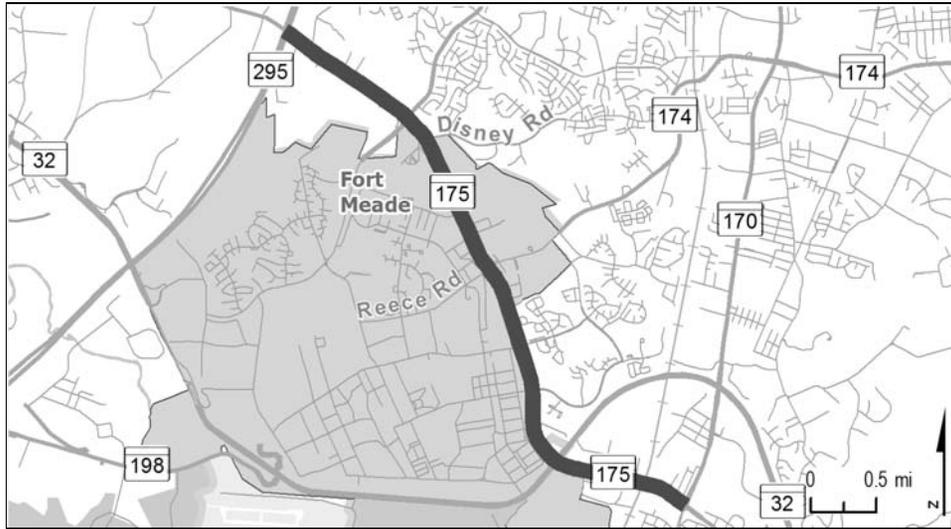
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 100,200

PROJECTED (2035) - 134,700



PROJECT: MD 175, Annapolis Road

DESCRIPTION: This study will identify traffic flow improvements on MD 175 from MD 295 to MD 170 including the MD 175/MD 295 interchange (5.2 miles). Bicycle and pedestrian facilities will be provided where appropriate. (BRAC Related)

JUSTIFICATION: This project will address current and future congestion along MD 175 and will improve access to Fort Meade.

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 Mapes and Reece Roads (Line 2)
- MD 175, National Business Parkway to McCarron Court (Line 3)
- MD 175, Disney Road to Reece Roads (Line 4)
- MD 198, MD 295 to MD 32 (Line 8)

STATUS: Partial Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,629	2,629	0	0	0	0	0	0	0	0
Engineering	5,034	4,262	232	540	0	0	0	0	772	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	7,663	6,891	232	540	0	0	0	0	772	0
Federal-Aid	6,026	6,026	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Urban Minor Arterial

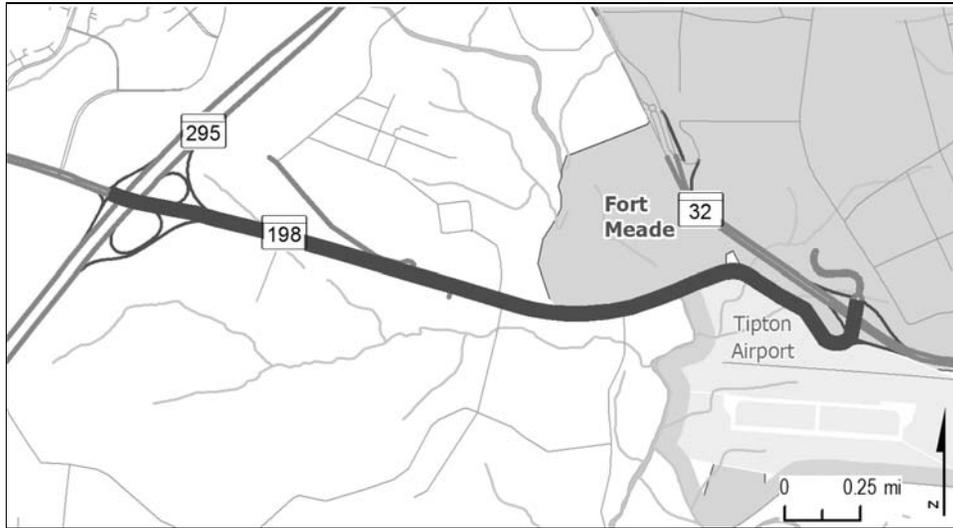
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 25,400 - 38,800

PROJECTED (2035) - 47,000



PROJECT: MD 198, Laurel Fort Meade Road

DESCRIPTION: Study to address capacity needs on MD 198 from MD 295 to MD 32 (2.7 miles). Bicycle and pedestrian access will be provided where appropriate. (BRAC Related)

JUSTIFICATION: MD 198 is a key link to Fort Meade from points south and west. The area in and around Fort Meade will experience substantial growth as a result of BRAC expansion.

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 Mapes and Reece Roads (Line 2)
- MD 175, National Business Parkway to McCarron Court (Line 3)
- MD 175, Disney Road to Reece Roads (Line 4)
- MD 175, MD 295 to MD 170 (Line 7)

STATUS: County contributed \$3.5 million for the planning phase. Engineering underway for segment from Corridor Market Place to MD 295 (Phase 1) and the partial interchange at MD 198 and MD 295.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,500	3,500	0	0	0	0	0	0	0	0
Engineering	2,000	757	850	393	0	0	0	0	1,243	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	5,500	4,257	850	393	0	0	0	0	1,243	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Other Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 27,150

PROJECTED (2035) - 43,000

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 9

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in southern Anne Arundel County; resurface	12,967	Completed
2		At various locations in Northern Anne Arundel County; resurface	12,287	Completed
<u>Safety/Spot Improvement</u>				
3	MD 2	Solomon's Island Road; at Owensville Sudley Road; geometric improvements	2,968	Completed
4	MD 2	Solomon's Island Road; at MD 256; geometric improvements	2,798	Completed
5	MD 2	Solomon's Island Road; at MD 255; geometric improvements (Transportation Infrastructure Investment Act of 2013)	2,671	Completed
<u>Traffic Management</u>				
6	I 97	Washington Boulevard; At US 1 and I-97 - generator back-up systems; signal systemization	27	Completed
7	I 695	Baltimore Beltway; at I 895 and MD 2; lighting	1,944	Completed
<u>Bicycle Retrofit</u>				
8	MD 170	Camp Meade Road; MD 648 to MD 762; bicycle retrofit	1,641	Completed
<u>TMDL Compliance</u>				
9	I 97 SB	West of East-West Boulevard; drainage improvement	608	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
10		At various location in Anne Arundel County; surface treatment	1,287	FY 2017
11		At various locations in Anne Arundel County; patching	1,887	FY 2017
12		At various locations in south Anne Arundel county; mill and resurface	13,188	FY 2017
13		At various locations in north Anne Arundel county; mill and resurface	12,616	FY 2017
14		At various locations in Anne Arundel county; joint sealing	707	FY 2017
15	MD 295 SB	Baltimore Washington Parkway; Hanover Road to Winterson Road; safety and resurface	1,872	FY 2017
16	MD 980 B	MD 4 - Service Road; Wrighton Road to Talbot Road; safety and resurface	632	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
17		Bridge 0205800, 0207400, 0211600, 0216901, 0216902 on MD 175 and MD 10; clean/paint bridges	1,945	FY 2017
<u>Safety/Spot Improvement</u>				
18		At various locations in Anne Arundel County; drainage improvement Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,288	FY 2018
19	MD 2	Solomon's Island Road; at Harwood Drive; geometric improvements (Transportation Infrastructure Investment Act of 2013)	2,767	Under construction
20	MD 32	Sappington Station Road and MD 175; drainage improvement	2,059	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
21	US 50	John Hanson Highway; MD 665 to Severn River; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,567	FY 2017
22	MD 253 NB	Mayo Road; MD 214 to MD 2 northbound; ADA improvements	26	FY 2017
23	MD 258	Bay Front Road; MD 794; geometric improvements	1,892	FY 2017
24	MD 450	North of World War 2 memorial; drainage improvement	315	FY 2017
<u>Urban Reconstruction</u>				
25	MD 648	Baltimore Annapolis Boulevard; MD 2 to MD 10; urban reconstruction (Funded for preliminary engineering)	2,500	Design Underway
<u>Noise Barriers</u>				
26	I 97	At Oakdale - Type 1A noise barrier; noise abatement	5,244	Under construction
<u>Traffic Management</u>				
27	I 595	John Hanson Highway; MD 424 to Severn River Bridge; lighting	7,632	Under construction
<u>Environmental Preservation</u>				
28		Phase 1 IRVM: US50 (AA/PG Co. line to I-97) & I-97 (US50 to MD3); landscape	2,881	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Intersection Capacity Improvements</u>				
29	MD 2	Governor Ritchie Highway; at Earleigh Heights Road/Magothy Bridge Road; geometric improvements (Transportation Infrastructure Investment Act of 2013)	4,040	Under construction
30	MD 177	Mountain Road; at Woods Road; geometric improvements (Anne Arundel County is funding this project)	0	FY 2017
<u>TMDL Compliance</u>				
31		At various locations - Group 1; drainage improvement	3,432	FY 2017
32		At various locations in Anne Arundel county - group 1; drainage improvement	4,253	FY 2017
33	MD 665	Aris T. Allen Boulevard; Broad Creek Stream Restoration; wetlands replacement (Transportation Infrastructure Investment Act of 2013)	1,693	Under construction
<u>Enhancements</u>				
<u>Rehabilitation/Operation of Historic Transportation Structures</u>				
34		Historic Generals Highway Corridor Study; archaeology surveys, historic research and public outreach along Generals Highway	300	Underway
<u>Environmental Mitigation</u>				
35		Rutland Road Fish Passage	748	FY 2017
36		Cowhide Branch stream restoration and Fish Passage; mitigation of water pollution due to highway runoff	1,000	FY 2017

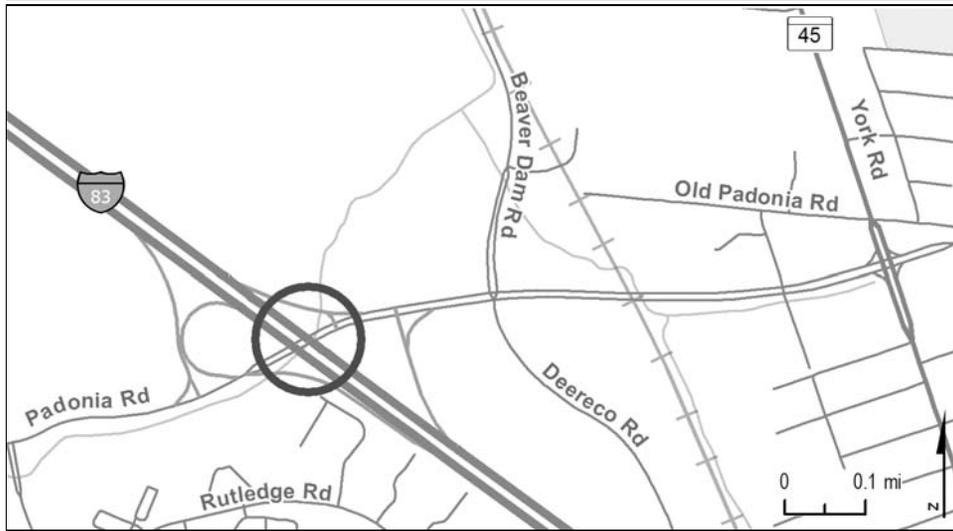
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
37		<p align="center"><u>Fiscal Years 2017 and 2018 (cont'd)</u></p> <p align="center"><u>Congressional Earmarks</u></p> <p>South Shore Trail; construct trail from MD 3 to I-97 at Waterbury Road; construct trail (Earmark \$1.6 million; PE, CO)</p>	0	



BALTIMORE COUNTY



PROJECT: I-83, Harrisburg Expressway

DESCRIPTION: Replace Bridge 03062 over Padonia Road.

PURPOSE & NEED SUMMARY STATEMENT: The bridge carrying northbound and southbound I-83 over Padonia Road was constructed in 1950 and does not allow for shoulders and sidewalks on Padonia Road. Bridge is nearing the end of its structural life.

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 bridge is functionally obsolete and structurally deficient. Bridge serves as a major link along the I-83 commuter and freight route. The I-83 corridor links southern Pennsylvania to Baltimore County and City.

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	941	136	393	412	0	0	0	0	805	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,000	0	0	0	2,600	7,400	0	0	10,000	0
Total	10,941	136	393	412	2,600	7,400	0	0	10,805	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

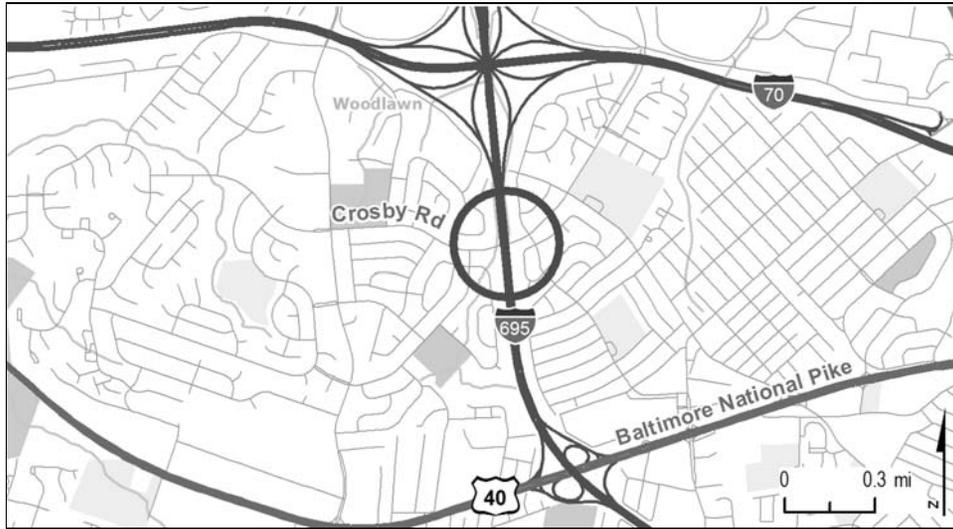
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 120,850

PROJECTED (2035) - 141,700



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Replace Bridge 03125 on Crosby Road over I-695.

PURPOSE & NEED SUMMARY STATEMENT: This bridge, constructed in 1961, is nearing the end of its structural life. Replacement bridge will accommodate ultimate section of I-695.

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-695, I-95 to MD 122 (Line 14)

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

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

EXPLANATION: Crosby Road bridge is nearing the end of its structural life. The bridge links communities on either side of the Beltway. This segment of I-695 is one of the most heavily traveled. The project enhances safety, operation, and accommodates pedestrians and bicycles.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$2.0 million is due to a revised engineer's estimate.

PHASE	POTENTIAL FUNDING SOURCE:									
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
	PROJECT CASH FLOW									
TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
				.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	940	253	206	206	206	69	0	0	687	0
Right-of-way	32	0	10	22	0	0	0	0	32	0
Construction	8,000	0	0	720	3,540	3,180	560	0	8,000	0
Total	8,972	253	216	948	3,746	3,249	560	0	8,719	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

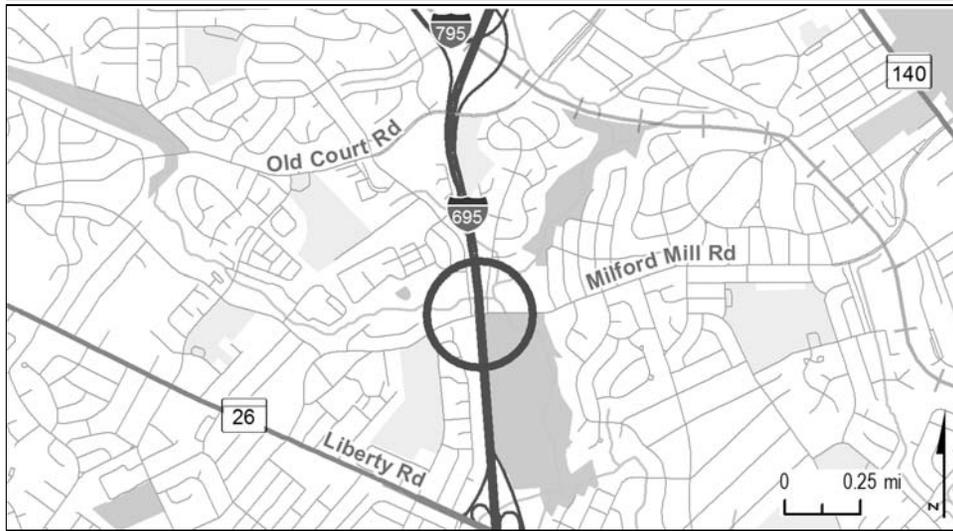
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 12,700

PROJECTED (2035) - 14,000



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Replace Bridge 03140 over Milford Mill Road.

PURPOSE & NEED SUMMARY STATEMENT: The bridge is nearing the end of its useful service life and will be widened to accommodate future capacity needs of I-695.

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-695, I-95 to MD 122 (Line 14)

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

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

EXPLANATION: The bridge is nearing the end of its useful service life. The bridge serves as a vital link to the Randallstown community. The new bridge will provide for future capacity improvements of I-695. The project will enhance safety and operations and accommodate pedestrians and bicycles.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,435	1,435	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	25,864	20,455	5,409	0	0	0	0	0	5,409	0
Total	27,299	21,890	5,409	0	0	0	0	0	5,409	0
Federal-Aid	24,305	19,459	4,846	0	0	0	0	0	4,846	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 207,750

PROJECTED (2035) - 248,400



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: This project from US 40 to MD 144 will improve the mobility and safety on I-695 by widening the roadway to provide a fourth lane on the outer loop. This project will also accommodate for the ultimate configuration of this section of the beltway. The noise barrier on the inner loop will be replaced and extended from Shady Nook to US 40 as part of this project.

PURPOSE & NEED SUMMARY STATEMENT: This project will provide additional capacity and improve safety and operations on this segment of I-695.

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 project will improve safety and traffic flow on I-695 as this portion serves as a major connection between I-70 and I-95. This widening project will add a fourth lane on I-695 and provide pavement width to accommodate for the ultimate configuration of this section of the beltway.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.4 million is due to the relocation of utilities.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY							
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0		
Engineering	12,889	12,889	0	0	0	0	0	0	0	0		
Right-of-way	3,933	2,626	400	340	340	227	0	0	1,307	0		
Construction	87,231	11,719	13,417	15,909	17,614	22,071	6,501	0	75,512	0		
Total	104,053	27,234	13,817	16,249	17,954	22,298	6,501	0	76,819	0		
Federal-Aid	72,486	20,518	12,235	14,429	14,429	10,875	0	0	51,968	0		

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 200,300

PROJECTED (2035) - 251,600



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Replacement of Bridge 03113 on I-695 Inner Loop over Benson Ave. and Bridge 03114 on I-695 Inner Loop over Leeds Ave., US 1, AMTRAK and Herbert Run. The project also includes the realignment of the access to the I-695 on-ramp from Leeds Ave. to US 1.

PURPOSE & NEED SUMMARY STATEMENT: The bridges on I-695 Inner Loop over Benson and Leeds/US 1/AMTRAK/Herbert Run are nearing the end of their useful life and are structurally deficient. An existing ramp is being realigned as part of this project to provide a more direct connection from US 1 to the Inner Loop of I-695.

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-695, I-95 to MD 122 (Line 14)

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input checked="" type="checkbox"/> Economic Prosperity |

EXPLANATION: The bridges on I-695 Inner Loop over Benson and Leeds/US 1/AMTRAK/Herbert Run are structurally deficient. The new bridges will provide for future capacity improvements of I-695. The ramp is being realigned to provide improved and more direct local and commuter access to the I-695 Inner Loop and to reduce traffic on local streets particularly in Arbutus, including Leeds Ave. by relocating the entrance of it to US 1.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	3,200	3,200	0	0	0	0	0	0	0	0	
Right-of-way	4,474	1,352	2,239	883	0	0	0	0	3,122	0	
Construction	42,840	23,300	13,789	5,751	0	0	0	0	19,540	0	
Total	50,514	27,852	16,028	6,634	0	0	0	0	22,662	0	
Federal-Aid	45,197	24,775	14,415	6,007	0	0	0	0	20,422	0	

CLASSIFICATION:

STATE - Principal Arterial

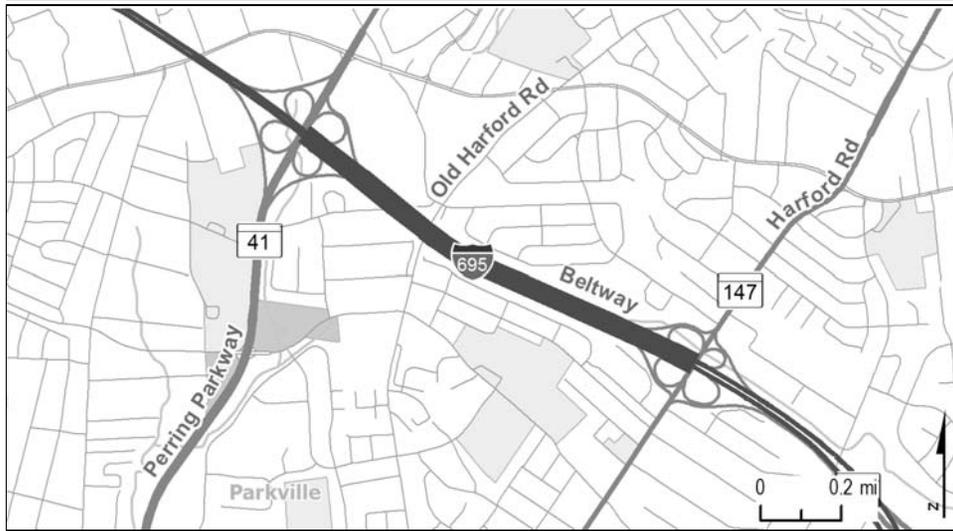
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 202,200
 4,500 (Leeds Ave. ramp)

PROJECTED (2035) - 247,800
 6,400 (Leeds Ave. ramp)



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: This project will provide a continuous auxiliary lane on both the Inner and Outer Loops of I-695 between MD 41 (Perring Parkway) and MD 147 (Harford Road). Other improvements include wider median shoulders on I-695; the replacement of the existing Old Harford Road bridge over I-695, and ramp modifications on the Inner Loop of I-695 at the MD 147 interchange.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations along this segment of I-695. The removal of the loop ramp will eliminate the existing weave maneuver along the Inner Loop of I-695, which in turn is expected to reduce crashes and delays.

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-695, I-83 to I-95 (Line 15)

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

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

EXPLANATION: This project will improve safety and traffic flow on I-695 as this portion serves as a major connection between I-95 and I-83. This project will provide a continuous auxiliary lane and wider median shoulder on both the Inner and Outer Loops of I-695. The reconstruction of the Old Harford Road Bridge over I-695 will accommodate future widening along I-695. This project includes geometric improvements that will improve safety and operations at Harford Road.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,208	4,914	294	0	0	0	0	0	294	0
Right-of-way	1,681	778	903	0	0	0	0	0	903	0
Construction	26,318	17,740	8,578	0	0	0	0	0	8,578	0
Total	33,207	23,432	9,775	0	0	0	0	0	9,775	0
Federal-Aid	5,335	4,267	1,068	0	0	0	0	0	1,068	0

CLASSIFICATION:

STATE - Principal Arterial

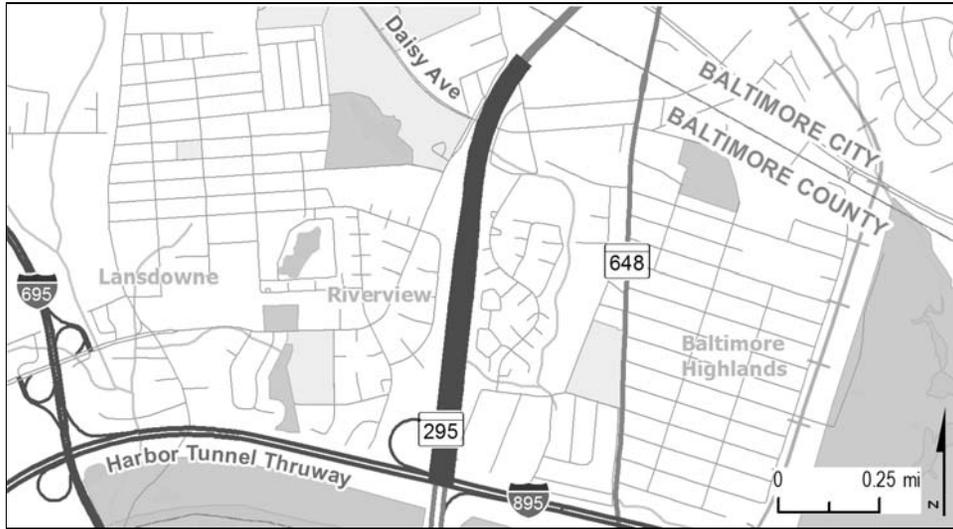
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 160,825

PROJECTED (2035) - 181,275



PROJECT: MD 295, Baltimore Washington Parkway

DESCRIPTION: Construct noise wall on MD 295, from I-895 to north of Daisy Avenue to benefit the Riverview/Baltimore Highlands Community.

PURPOSE & NEED SUMMARY STATEMENT: This project will reduce noise generated by traffic along MD 295 in the Riverview/Baltimore Highlands Community.

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:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input checked="" type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project will reduce noise generated by traffic on MD 295, from I-895 to north of Daisy Avenue in the Riverview/Baltimore Highlands Community.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,404	1,404	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,288	6,030	4,258	0	0	0	0	0	4,258	0
Total	11,692	7,434	4,258	0	0	0	0	0	4,258	0
Federal-Aid	9,946	6,266	3,680	0	0	0	0	0	3,680	0

CLASSIFICATION:

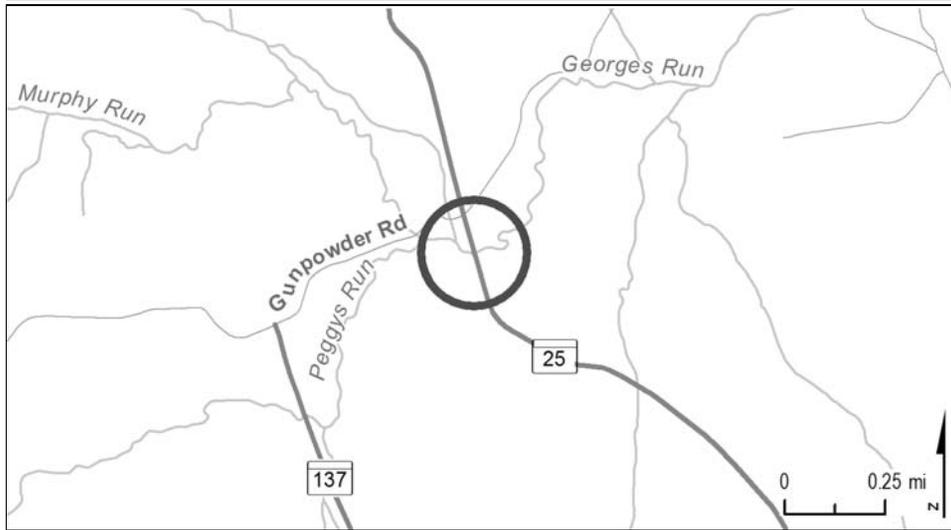
STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 78,500

PROJECTED (2035) - 93,475



PROJECT: MD 25, Falls Road

DESCRIPTION: Replace Bridge 03019 to Georges Run.

PURPOSE & NEED SUMMARY STATEMENT: The bridge, constructed in 1932, is nearing the end of its structural life and needs to be replaced.

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: The bridge serves as an important link along the MD 25 corridor, and is structurally deficient.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	970	970	0	0	0	0	0	0	0	0	0	0
Right-of-way	379	184	195	0	0	0	0	0	0	195	0	0
Construction	3,705	3,495	120	90	0	0	0	0	0	210	0	0
Total	5,054	4,649	315	90	0	0	0	0	0	405	0	0
Federal-Aid	3,675	3,538	78	59	0	0	0	0	0	137	0	0

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - Rural Major Collector

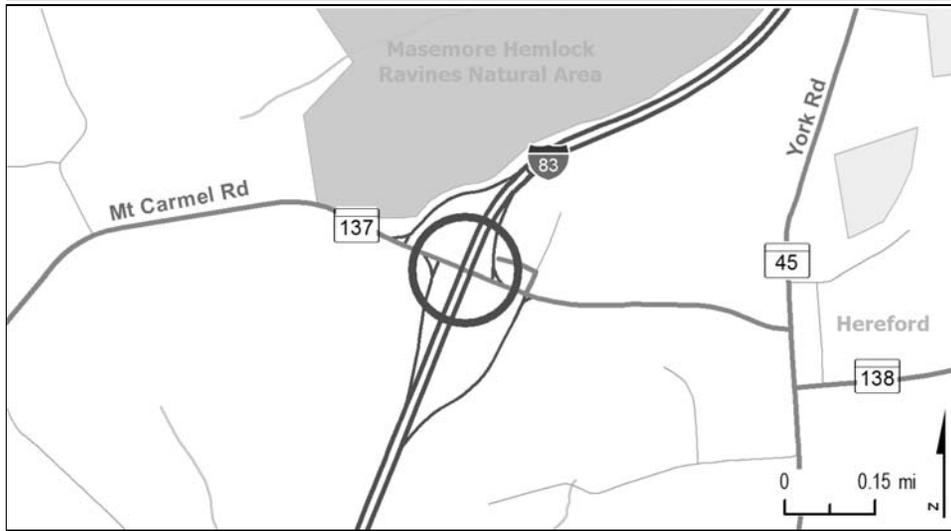
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 4,650

PROJECTED (2035) - 7,625



PROJECT: MD 137, Mount Carmel Road

DESCRIPTION: Replace Bridge 03050 over I-83. Bicycle and pedestrian improvements will be provided where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This bridge was constructed in 1955, is listed as structurally deficient, and is nearing the end of its structural life.

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 bridge is structurally deficient. This bridge links communities on either side of I-83. I-83 is a major commuter and freight route and links southern Pennsylvania to Baltimore County and Baltimore City.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	843	642	201	0	0	0	0	0	0	0	201	0
Right-of-way	8	8	0	0	0	0	0	0	0	0	0	0
Construction	4,000	0	1,040	2,960	0	0	0	0	0	4,000	0	0
Total	4,851	650	1,241	2,960	0	0	0	0	0	4,201	0	0
Federal-Aid	611	450	161	0	0	0	0	0	0	161	0	0

CLASSIFICATION:

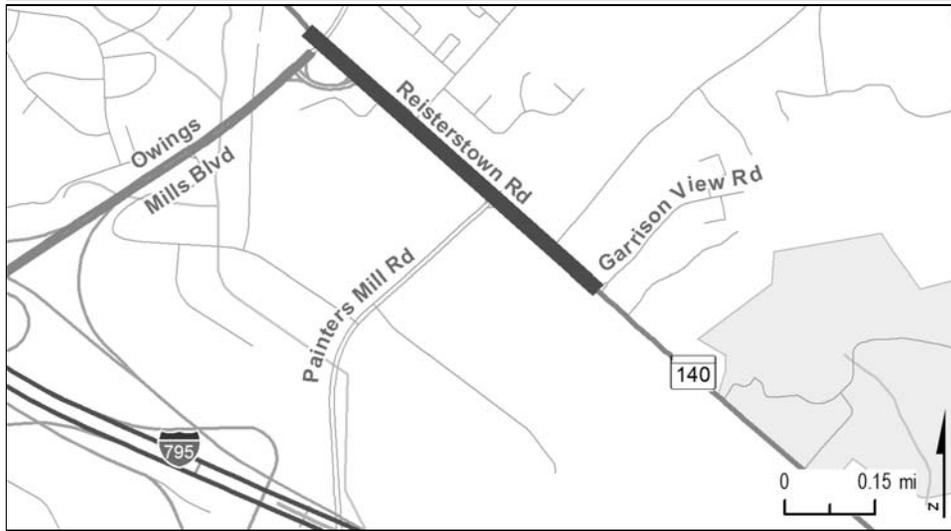
STATE - Minor Arterial
 FEDERAL - Rural Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 8,650

PROJECTED (2035) - 11,000



PROJECT: MD 140, Reisterstown Road

DESCRIPTION: Widening northbound MD 140 from Painters Mill Road to Garrison View Road (Phase 1) to accommodate an additional third travel lane and a bicycle-compatible shoulder (0.2 miles). Additional work includes adding new Americans with Disability Act-compliant sidewalks, storm drain system improvements and landscaping.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance motorist, bicycle and pedestrian safety, and reduce congestion along the corridor. Traffic is expected to increase as a result of the proposed development in the area, including the Transit Oriented Development at the Owings Mills Metro Station and Foundry Row.

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 140, Painters Mill Road to Owings Mills Boulevard (Line 18)

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

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

EXPLANATION: This project will relieve congestion, accommodate development in the area, and provide bike and pedestrian accommodations to current MDOT policy.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

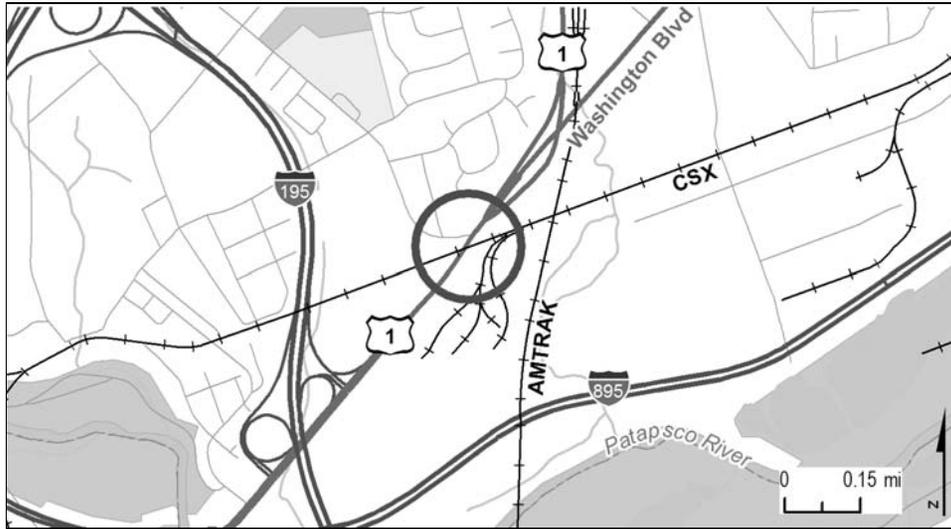
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,036	957	79	0	0	0	0	0	79	0
Right-of-way	11,172	5,184	3,932	2,056	0	0	0	0	5,988	0
Construction	4,889	0	1,506	1,913	1,470	0	0	0	4,889	0
Total	17,097	6,141	5,517	3,969	1,470	0	0	0	10,956	0
Federal-Aid	726	663	63	0	0	0	0	0	63	0

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 39,600
 PROJECTED (2035) - 49,600



PROJECT: US 1, Washington Boulevard

DESCRIPTION: Replace Bridge 03008 over CSX.

PURPOSE & NEED SUMMARY STATEMENT: The existing bridge, built in 1930, is structurally deficient.

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:
 US 1, US 1 Alt. to Baltimore City Line-Bike/Ped Route (System Preservation Program)

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

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

EXPLANATION: This structurally deficient bridge links communities in Baltimore and Howard Counties.

STATUS: Engineering Underway. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,176	378	563	235	0	0	0	0	798	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	25,000	0	0	5,250	19,750	0	0	0	25,000	0	
Total	26,176	378	563	5,485	19,750	0	0	0	25,798	0	
Federal-Aid	338	267	50	21	0	0	0	0	71	0	

CLASSIFICATION:

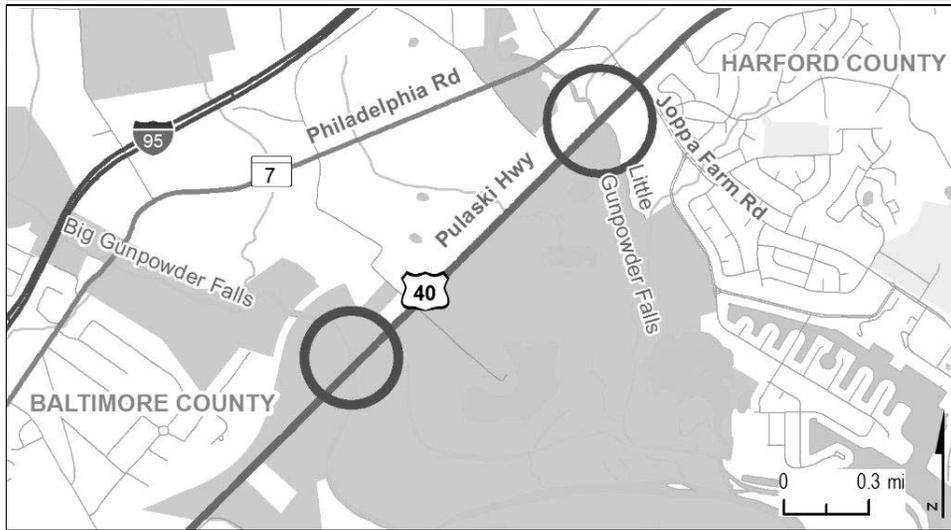
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 23,400

PROJECTED (2035) - 28,500



PROJECT: US 40, Pulaski Highway

DESCRIPTION: Replace and widen substructure on Bridges 0303403 and 0303404 over Little Gunpowder Falls and Bridges 0303503 and 0303504 over Big Gunpowder Falls.

PURPOSE & NEED SUMMARY STATEMENT: The existing bridges, built in 1935, are structurally deficient.

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: These structurally deficient bridges link communities in Baltimore and Harford Counties.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$3.7 million is due to a revised engineer's estimate. Construction is delayed from FY17 to FY18 due to the acquisition of necessary environmental permits.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,622	1,203	946	473	0	0	0	0	0	1,419	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	13,500	0	0	4,455	9,045	0	0	0	0	13,500	
Total	16,122	1,203	946	4,928	9,045	0	0	0	0	14,919	
Federal-Aid	2,080	944	757	379	0	0	0	0	0	1,136	

CLASSIFICATION:

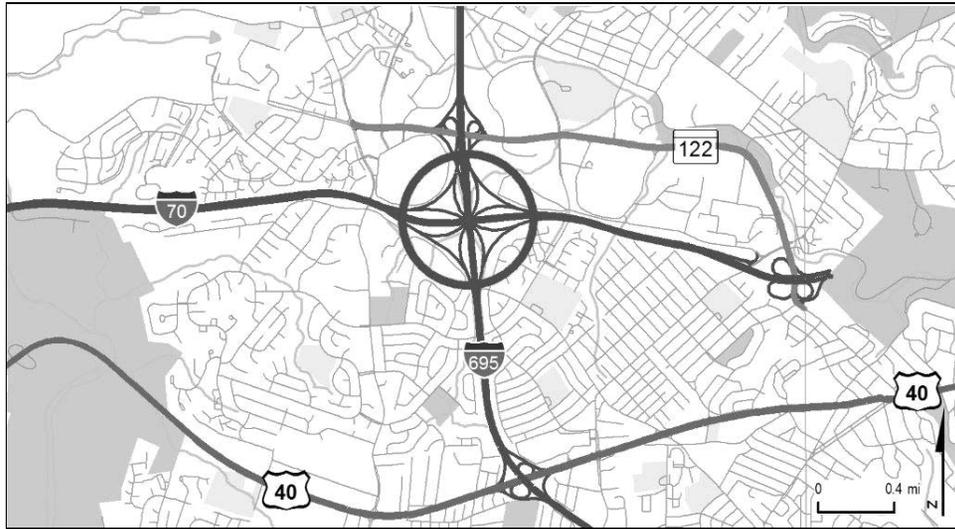
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 24,675

PROJECTED (2035) - 41,225



PROJECT: I-70 and I-695, Baltimore Beltway

DESCRIPTION: I-70/I-695 Interchange study to replace/rehabilitate bridges, 0312703, 0312704, 0312805, 0312806, 0312903 and 0312904.

JUSTIFICATION: The bridges are nearing the end of their useful life and will need to be widened to accommodate the ultimate configuration of the beltway.

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-695, Crosby Road (Line 2)
- I-695, I-95 to MD 122 (Line 14)
- I-695, Interim improvements (Line 16)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
		EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,000	100	850	50	0	0	0	0	0	900	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	1,000	100	850	50	0	0	0	0	0	900	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 221,100

PROJECTED (2035) - 262,300



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Upgrade existing I-695 to an 8 lane freeway from I-95 to MD 122 (Security Blvd.) (5.7 miles).

JUSTIFICATION: This project would provide additional capacity, improve operations, and safety on this segment of I-695.

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-695, Crosby Road Bridge Replacement (Line 3)
- I-695, US 40 to MD 144, SWOL Widening (Line 4)
- I-695, Benson Ave., Leeds Ave. US 1, Amtrak, and Herbert Run Bridge Replacement (Line 5)
- I-695, Interim improvements (Line 16)

STATUS: Engineering on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,426	1,426	0	0	0	0	0	0	0	0
Engineering	6,669	6,669	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	8,095	8,095	0	0	0	0	0	0	0	0
Federal-Aid	4,669	4,669	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

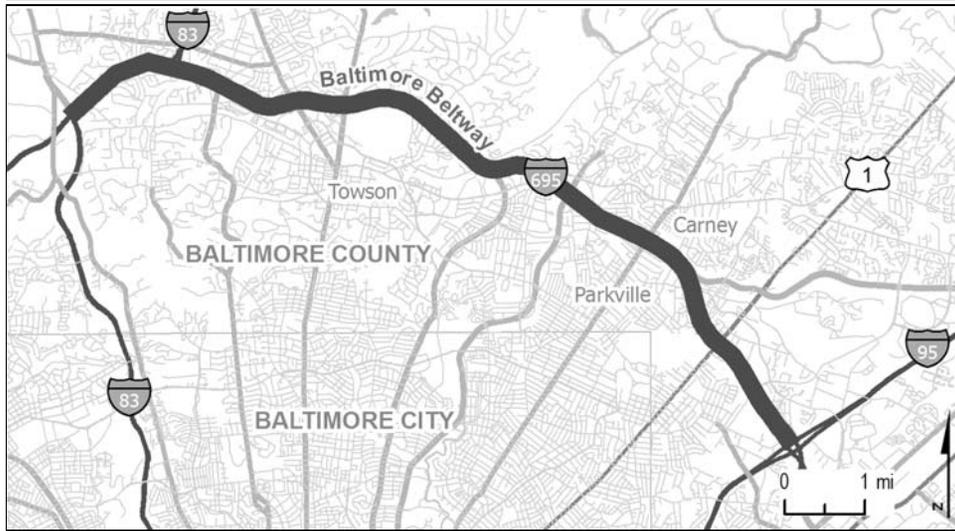
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 221,100

PROJECTED (2035) - 262,300



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Upgrade existing I-695 to an 8 lane freeway from I-83 (JFX) to I-95 (JFK) (11.4 miles).

JUSTIFICATION: This project would provide additional capacity, improve operations, and safety on this segment of I-695.

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-695, MD 41 to MD 147 (Line 6)
 I-695, Interim improvements (Line 16)

STATUS: Engineering on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,515	1,515	0	0	0	0	0	0	0	0
Engineering	4,096	4,096	0	0	0	0	0	0	0	0
Right-of-way	30	30	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	5,641	5,641	0	0	0	0	0	0	0	0
Federal-Aid	3,952	3,952	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 222,500

PROJECTED (2035) - 242,300



PROJECT: I-695, Baltimore Beltway

DESCRIPTION: Development of traffic management strategies to improve operations on the Baltimore Beltway by implementing interim improvements prior to the implementation of future widening projects.

JUSTIFICATION: The proposed traffic management strategies will improve traffic operations and safety along congested areas of I-695.

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-695, I-95 to MD 122 (Line 14)
 I-695, I-83 to I-95 (Line 15)

STATUS: Operational studies on-hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Engineering funding deferred to FY 2023.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW				SIX YEAR TOTAL	BALANCE TO COMPLETE
					FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	599	199	200	200	0	0	0	0	400	0
Engineering	10,000	350	0	0	0	0	0	0	0	9,650
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	10,599	549	200	200	0	0	0	0	400	9,650
Federal-Aid	7,599	444	0	0	0	0	0	0	0	7,155

CLASSIFICATION:

STATE - Principal Arterial

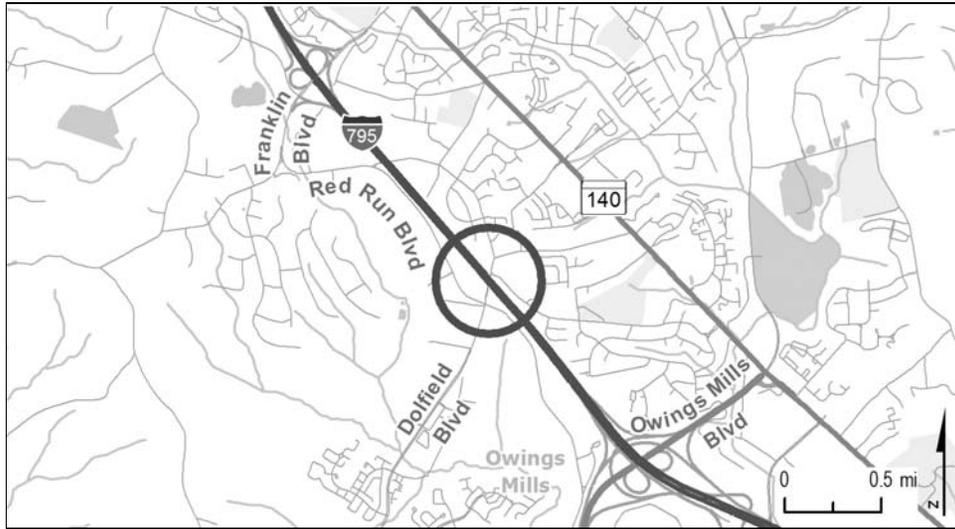
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 160,820 - 222,500

PROJECTED (2035) - 181,275 - 262,300



PROJECT: I-795, Northwest Expressway

DESCRIPTION: Study to develop interchange options at Dolfield Boulevard. Includes widening of I-795 from Owings Mills Boulevard (MD 940) to Franklin Boulevard from 4 to 6 lanes.

JUSTIFICATION: This project would provide improved access to the planned growth corridor along Red Run Boulevard in Owings Mills.

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 140, Painters Mill Road to Owings Mills Boulevard (Line 18)

STATUS: Engineering underway. County contributed \$0.625 million towards Planning.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,447	3,447	0	0	0	0	0	0	0	0
Engineering	5,000	1,766	1,275	989	970	0	0	0	3,234	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	8,447	5,213	1,275	989	970	0	0	0	3,234	0
Federal-Aid	4,144	1,233	1,148	890	873	0	0	0	2,911	0

CLASSIFICATION:

STATE - Principal Arterial

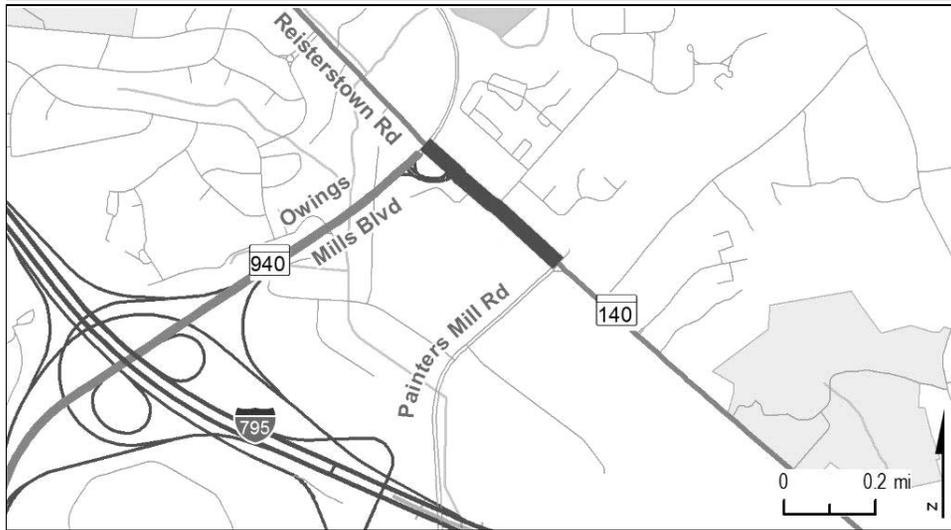
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 77,350

PROJECTED (2035) - 119,900



PROJECT: MD 140, Reisterstown Road

DESCRIPTION: Capacity and safety improvements to MD 140, from north of Painters Mill Road to north of Owings Mills Boulevard. Bicycle and pedestrian improvements will be provided where appropriate (0.4 miles).

JUSTIFICATION: This project would provide additional capacity and access for the planned development in Owings Mills, including the Owings Mills Town Center, the Owings Mills Metro Station and the MD 140 Business corridor.

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 140, Painters Mill Road to Garrison View Road (Line 10)
 I-795, at Dolfield Road (Line 17)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,326	3,222	682	422	0	0	0	0	1,104	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	4,326	3,222	682	422	0	0	0	0	1,104	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 39,600 (MD 140)

PROJECTED (2035) - 49,600 (MD 140)

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE COUNTY LINE 19

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Baltimore County - east of I-83; resurface	7,556	Completed
2		At various locations in Baltimore County - west of I-83; resurface	8,566	Completed
3	US 40	Pulaski Highway; Todds Lane to MD 700; resurface	2,727	Completed
<u>Bridge Replacement/Rehabilitation</u>				
4	MD 129	Park Heights Avenue; bridge 0314700 over I 695; bridge rehabilitation	6,035	Completed
5	MD 140	Westminster Pike; Bridge 03083 over North Branch of Patapsco River; bridge rehabilitation	8,156	Completed
<u>Traffic Management</u>				
6	I 83	At Shawan Road; lighting	1,578	Completed
<u>Bicycle Retrofit</u>				
7	US 1	Southwestern Boulevard; US 1 Alt to Baltimore City line; bicycle-pedestrian route	4,242	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
8		At various locations in east Baltimore County; mill and resurface	12,661	Under construction
9	I 95	Howard County line to US 1; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	8,462	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE COUNTY LINE 19 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
10		At various locations in west Baltimore County; mill and resurface	11,887	Under construction
11	US 1	Belair Road; I-695 to Still Meadow Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,004	FY 2018
12	US 1 AL	Washington Boulevard; I-695 to Baltimore County/City line; resurface	2,367	Under construction
13	MD 7	Philadelphia Road; Golden Ring Road to Rossville Boulevard; resurface	2,587	Under construction
14	MD 45	York Road; North of Padonia to Wight Avenue; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,444	FY 2017
15	I 83	Harrisburg Expressway; Mt. Carmel Road to Shawan Road; resurface	8,175	Under construction
16	MD 122	Security Boulevard; I-695 to Baltimore City/County line; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	5,475	FY 2017
17	MD 138	Sheppard Road; Gunpowder Falls Bridge to JM Pearce Road; resurface	2,389	Under construction
18	MD 140	Reisterstown Road; Milford Mill Road to the Baltimore County/City line; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,420	FY 2017
19	I 195	Metropolitan Boulevard; Francis Avenue to Anne Arundel County line; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,825	FY 2017
20	MD 587	Wilson Point Road; MD 150 to Strawberry Point Road; safety and resurface	3,068	Under construction
21	I 695	Baltimore Beltway; MD 140 to Stevenson Road - outer and inner loop; safety and resurface	3,539	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE COUNTY LINE 19 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
22		Existing bridges on Harrisburg Expressway, Falls Road and Philadelphia Road; clean/paint bridges	1,888	FY 2017
23	I 695	Baltimore Beltway; Various bridges on I-695, I-70, Joppa Road and MD 146; clean/paint bridges	2,168	Under construction
24	MD 695	Baltimore Beltway; Bridges 0326703, 0326707, 0328300 and 0328400 on Baltimore Beltway and MD 702; clean/paint bridges	3,769	Under construction
25	MD 695	Baltimore Beltway; Bridge 0328100 over Northeast Creek; bridge rehabilitation	5,929	Under construction
<u>Safety/Spot Improvement</u>				
26	US 40	Pulaski Highway; Ramp E of Allender Road; drainage improvement Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,801	FY 2017
27	US 40	Pulaski Highway; Chesaco Avenue to Todds Lane; safety and resurface	5,703	Under construction
28	MD 43 WB	White Marsh Boulevard; at Honeygo Boulevard (Phase 1); geometric improvements	432	Under construction
29	MD 45	York Road; Corbett Road to Gifford Road; geometric improvements	3,096	Under construction
30	I 695	Baltimore Beltway; at Cromwell Bridge Road; drainage improvement	3,432	FY 2017
31	I 695	Baltimore Beltway; I-895 to I-95; concrete median barrier	9,383	Under construction
<u>Urban Reconstruction</u>				
32	US 1	Belair Road; Baltimore City Line to I 695; geometric/pedestrian improvements (Funded for preliminary engineering only)	2,651	Design Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE COUNTY LINE 19 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Urban Reconstruction (cont'd)</u>				
33	US 40	Baltimore National Pike; At Mohr's Lane; urban reconstruction	6,501	Under construction
<u>Noise Barriers</u>				
34	I 695 IL	Baltimore Beltway; Extend noise barrier 03592N0 to 750 ft north of Dogwood Road; noise abatement	4,494	FY 2017
<u>Traffic Management</u>				
35	I 83	Jones Falls Expressway; North at I-695, I-795 at MD 940 (Owings Mills Boulevard); lighting	3,133	FY 2018
36	I 95	At I-695; lighting	2,476	FY 2018
37	I 695	Baltimore Beltway; at US 40 (westside), MD 26; lighting	2,082	Under construction
38	MD 695	Baltimore Beltway; Chesaco Avenue to Cove Road; signing	7,275	Under construction
39	I 795	Northwest Expressway; I-795 and Franklin, I-795 at MD 140; lighting Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,942	Under construction
<u>Environmental Preservation</u>				
40	I 695	IRVM, I-695 BA/AA County to Stevenson Road, I-95 BA/HO County to BA line - Phase 1; landscape	1,682	FY 2017
<u>Intersection Capacity Improvements</u>				
41	MD 147	Harford Road; at Glen Arm/Mt. Vista Road; roundabout	3,710	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE COUNTY LINE 19 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>TMDL Compliance</u>				
42		At various locations in Baltimore county - drainage improvement	3,604	FY 2017
43		Jones Falls; wetlands replacement (Project on hold)	1,876	FY 2018
44		Tree Planting at various locations in Baltimore County; landscape (Transportation Infrastructure Investment Act of 2013)	693	Under construction
45		Tree establishment at various locations in Baltimore County; landscape	2,418	FY 2018

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BALTIMORE CITY

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- BALTIMORE CITY LINE 1

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Enhancements</u>		
		<u>Historic Preservation</u>		
1		Community based historic research along US 40 corridor	71	Completed
		<u>Congressional Earmarks</u>		
2		Liberty Heights Avenue in Druid Hill Park Improvements (Earmark \$1.52 million; CO) (Baltimore City Project) (complete)	0	
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
3		Jones Falls Greenway Phase V; continuation of Jones Falls Trail 2.4 miles from Woodberry Light Rail station to Cylburn Arboretum	2,050	FY 2017
4		Herring Run Greenway; Construct new portions of a 8 foot wide trail between Harford Road and Sinclair Lane, extended to the west to Lake Montebello and Morgan State University, extended to the east to Sinclair Lane; Pedestrian or Bicycle facilities (Baltimore City Project)	1,980	Underway
		<u>Historic Preservation</u>		
5		St. Paul Place and Preston Gardens	1,778	Underway
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
6		West Baltimore MARC Station Beautification	102	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

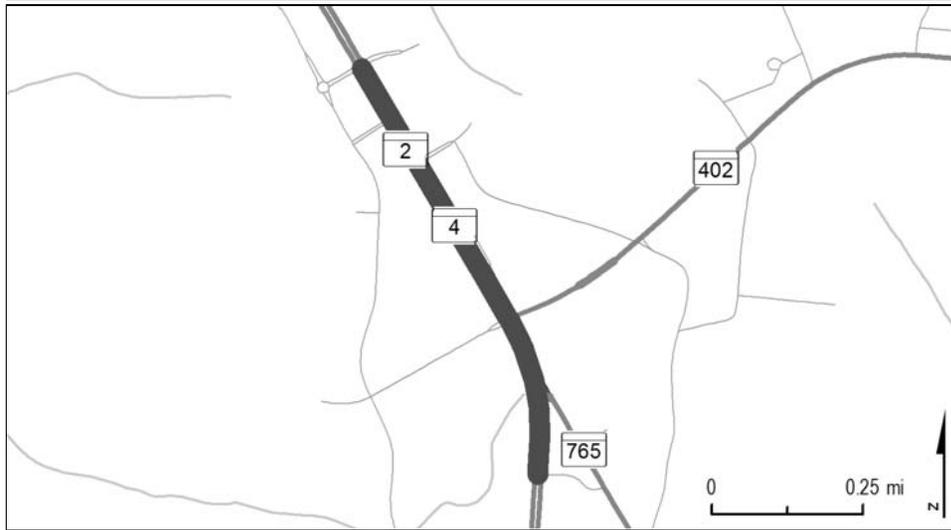
STATE HIGHWAY ADMINISTRATION -- BALTIMORE CITY LINE 1 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Congressional Earmarks</u>				
7		State Center intersection improvements in Baltimore City (Earmark \$0.8 million; PE) (Design) (Baltimore City Project) (Project on hold)	0	
8		Druid Hill Park Neighborhood pedestrian and roadway improvements (Earmark \$1.6 million; PE, CO) (Baltimore City Project)	0	
9		Hanover Street Bridge rehabilitation (Earmark \$1.2 million; CO) (Baltimore City Project)	0	
10		Parking at Clinton Street and Keith Avenue Baltimore Water Taxi (Earmark \$3.2 million; CO) (Baltimore City Project) (Project on hold)	0	
11		Gwynns Falls Trail/CSX Bridge (Earmark \$335,000; PE, CO) (Baltimore City Project) (Project on hold)	0	
12		Construction of new Baltimore water taxi terminals at Fells Point (Complete) and at Pier 1 which is Constellation dock improvement (Earmark \$2 million; CO) (Baltimore City Project)	0	
13		Coppin State University; construct pedestrian bridge and garage (Earmark \$2.64 million; PE)	0	
14		Martin Luther King Junior Boulevard and West Baltimore Street; Safety and operations improvements (Earmark \$2 million; CO) (Baltimore City Project) Sponsor: University of Maryland, Baltimore (Project on hold)	0	
15		Rehabilitate roadways around East Baltimore Life Science Park in Baltimore (Earmark \$9.0 million; CO) (Baltimore City Project)	0	
16	US 1	East North Avenue; reconstruction (Earmark \$4 million) (Baltimore City Project)	0	

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CALVERT COUNTY



PROJECT: MD 2/4, Solomons Island Road

DESCRIPTION: Upgrade and widen MD 2/4 to a 6 lane divided highway from Fox Run Boulevard to Commerce Lane (0.8 miles). This project will accommodate bicycles and pedestrians as appropriate. This is Phase 2 of a five-phase project to upgrade and widen MD 2/4 from north of Stoakley Road/Hospital Road to south of MD 765A.

PURPOSE & NEED SUMMARY STATEMENT: MD 2/4 corridor improvements will reduce congestion and provide capacity for planned development.

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 2/4 Corridor, North of Stoakley Road/Hospital Road to south of MD 765A (Line 3)
 Prince Frederick Boulevard (County Project)

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

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

EXPLANATION: MD 2/4 is a critical link in Southern Maryland. Increasing capacity supports critical regional transportation needs.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$5.4 million is due to additional Right-of-Way needs.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,156	2,722	434	0	0	0	0	0	434	0
Right-of-way	10,732	50	6,000	2,000	2,682	0	0	0	10,682	0
Construction	21,151	0	6,557	8,531	6,063	0	0	0	21,151	0
Total	35,039	2,772	12,991	10,531	8,745	0	0	0	32,267	0
Federal-Aid	2,350	1,916	434	0	0	0	0	0	434	0

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 45,250

PROJECTED (2035) - 67,250



PROJECT: MD 261, Bayside Road

DESCRIPTION: Replace Bridge 04011 over Fishing Creek. This project will accommodate bicycles and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1940, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Construction underway.

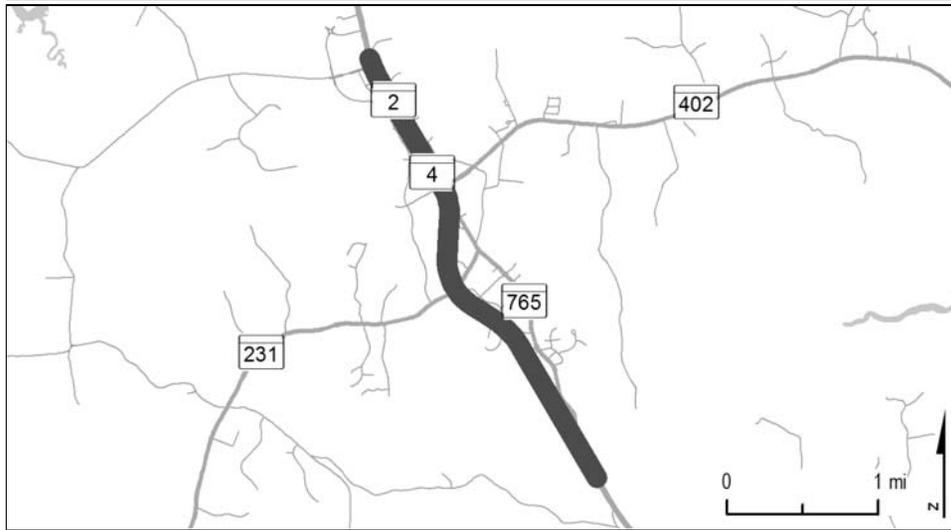
SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	2,362	2,362	0	0	0	0	0	0	0	0	0	
Right-of-way	5,049	1,177	2,733	1,139	0	0	0	0	0	3,872	0	
Construction	20,458	5,455	7,300	6,125	1,578	0	0	0	0	15,003	0	
Total	27,869	8,994	10,033	7,264	1,578	0	0	0	0	18,875	0	
Federal-Aid	19,368	5,295	7,411	5,389	1,273	0	0	0	0	14,073	0	

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:
 STATE - Major Collector
 FEDERAL - Urban Minor Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)
 CURRENT (2016) - 16,150
 PROJECTED (2035) - 25,350



PROJECT: MD 2/4, Solomons Island Road

DESCRIPTION: Study to upgrade and widen MD 2/4 to a 6 lane divided highway from north of Stoakley Road/Hospital Road to south of MD 765A (3.5 miles).

JUSTIFICATION: MD 2/4 corridor improvements will reduce congestion and provide capacity for planned development.

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 2/4 Phase 2, Fox Run Boulevard to Commerce Lane (Line 1)

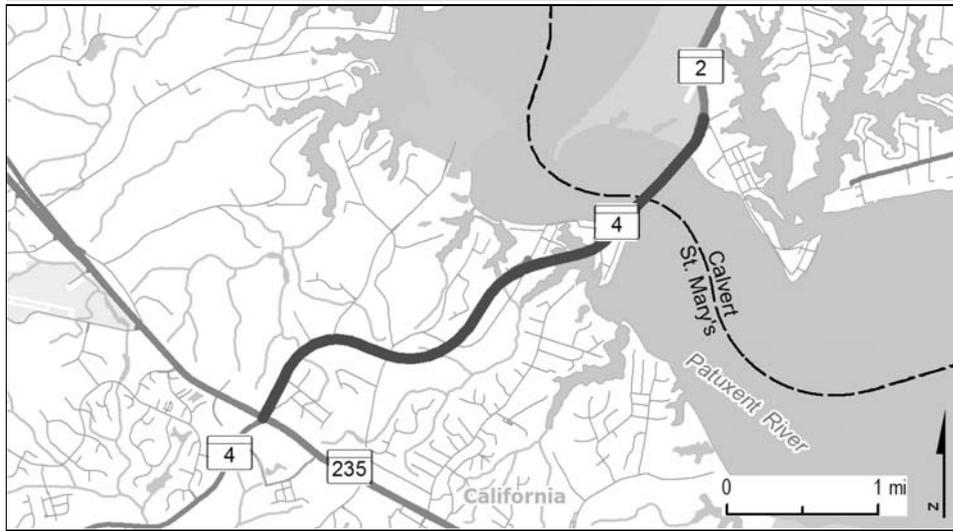
STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL ESTIMATED COST (\$000)		CURRENT YEAR	BUDGET YEAR	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	THRU 2016	2017			2018	2019	2020	2021			2022
Planning	1,972	1,972	0	0	0	0	0	0	0	0	
Engineering	1,394	1,394	0	0	0	0	0	0	0	0	
Right-of-way	644	644	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	4,010	4,010	0	0	0	0	0	0	0	0	
Federal-Aid	776	776	0	0	0	0	0	0	0	0	

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:
 STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial
STATE SYSTEM: Primary
Annual Average Daily Traffic (vehicles per day)
 CURRENT (2016) - 50,000
 PROJECTED (2035) - 83,600



PROJECT: MD 4, Patuxent Beach Road and Solomons Island Road

DESCRIPTION: Study to upgrade MD 4 between MD 2 and MD 235 (4.0 miles), including the Governor Thomas Johnson Memorial Bridge (Bridge 04019) over the Patuxent River and the intersection at MD 235 (2.9 miles). This project will include bicycle and pedestrian accommodations as appropriate.

JUSTIFICATION: MD 4 corridor improvements will reduce congestion and provide capacity for planned development.

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 for entire corridor. Engineering underway for the bridge.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	5,035	4,914	121	0	0	0	0	0	121	0
Engineering	15,000	603	3,750	3,750	3,750	3,147	0	0	14,397	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	20,035	5,517	3,871	3,750	3,750	3,147	0	0	14,518	0
Federal-Aid	3,557	3,436	121	0	0	0	0	0	121	0

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,550

PROJECTED (2035) - 36,650

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

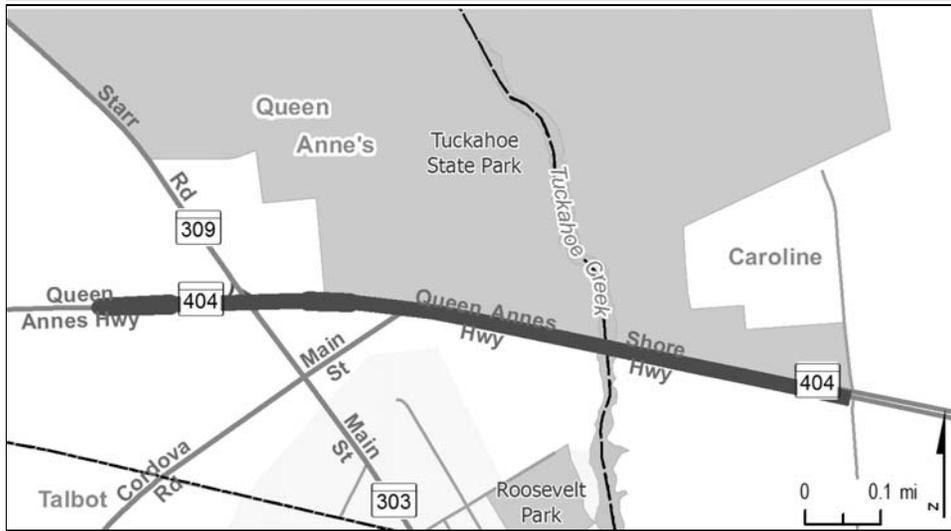
STATE HIGHWAY ADMINISTRATION -- CALVERT COUNTY LINE 5

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Calvert County; mill and resurface	10,817	Under construction
2		At various locations in Calvert County; resurface	9,650	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
3	MD 231	Hallowing Point Road; over Patuxent River Bridge 0400800; bridge rehabilitation	4,036	Under construction
<u>Safety/Spot Improvement</u>				
4	MD 2	Solomon's Island Road; at Mount Harmony Road; geometric improvements	3,658	Under construction
<u>Urban Reconstruction</u>				
5	MD 231	Church Street; Heritage Boulevard to MD 765A, MD 756A from Old Fields Lane to Armory Road; intersection improvement/roadway reconstruction (Transportation Infrastructure Investment Act of 2013)	3,676	Under construction
6	MD 261	Bay Avenue; 9th Street to Anne Arundel County Line; 2 lane reconstruct (funded for concepts)	500	Concepts Completed
<u>Sidewalks</u>				
7		Calvert Beach Rd to Wood Rd, Lore Rd to Holiday Rd; sidewalks	1,128	Under construction

SHA



CAROLINE COUNTY



PROJECT: MD 404, Shore Highway

DESCRIPTION: Upgrade existing MD 404 from west of MD 309 to Cemetery Road (Phase 1B) (1.1 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project is needed to reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic and to improve safety and service.

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 404, US 50 to MD 309 Business (Line 2)

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

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

EXPLANATION: This roadway expansion will improve safety and reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic, helping to support Maryland tourism.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	3,182	3,182	0	0	0	0	0	0	0	0	
Right-of-way	6,164	4,870	1,294	0	0	0	0	0	1,294	0	
Construction	21,857	17,651	4,206	0	0	0	0	0	4,206	0	
Total	31,203	25,703	5,500	0	0	0	0	0	5,500	0	
Federal-Aid	26,325	21,538	4,787	0	0	0	0	0	4,787	0	

CLASSIFICATION:

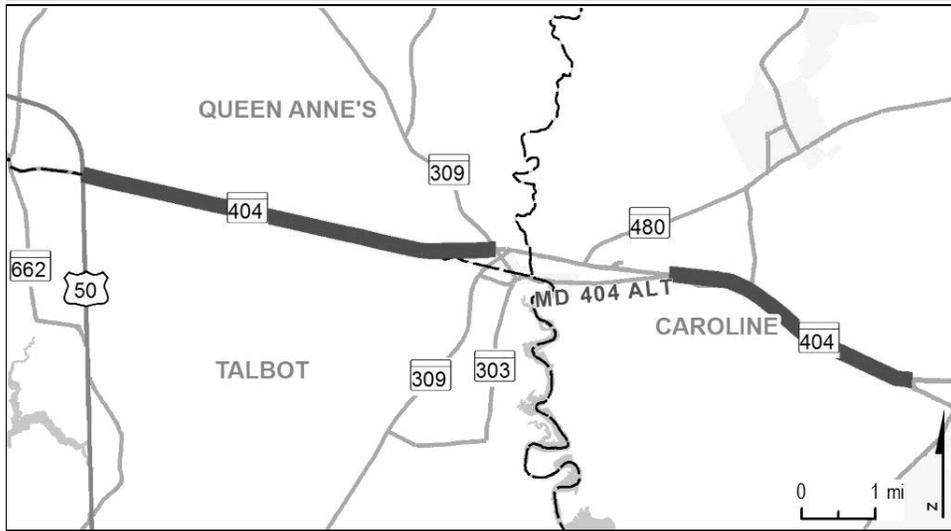
STATE - Other Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 17,050

PROJECTED (2035) - 27,700



PROJECT: MD 404, Shore Highway

DESCRIPTION: Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to MD 309 (5.8 miles) and west of Hillsboro Road to Holly Road (3.4 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project is needed to reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic and to improve safety and operations.

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 404, West of MD 309 to Cemetery Road (Line 1)
 US 50, US 301 to MD 404 (Queen Anne's County Line 4)

EXPLANATION: This roadway expansion will improve safety and reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic, helping to support Maryland tourism.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$7.8 million is due to an unfavorable bid.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	559	559	0	0	0	0	0	0	0	0	
Engineering	11,593	10,593	1,000	0	0	0	0	0	0	1,000	
Right-of-way	28,797	3,481	7,267	8,597	8,008	1,444	0	0	0	25,316	
Construction	127,289	6	50,913	76,370	0	0	0	0	0	127,283	
Total	168,238	14,639	59,180	84,967	8,008	1,444	0	0	0	153,599	
Federal-Aid	128,065	11,123	45,207	64,289	6,320	1,126	0	0	0	116,942	

CLASSIFICATION:

STATE - Other Principal Arterial

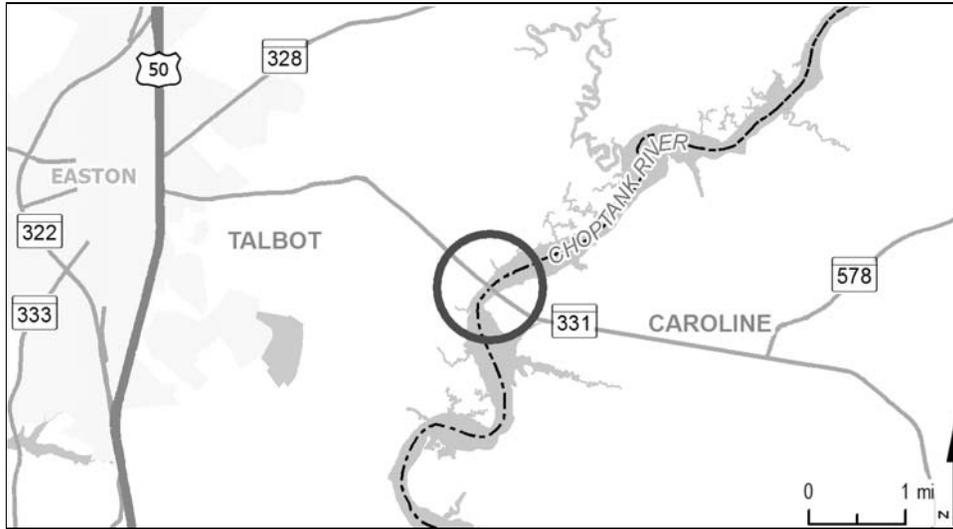
FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 16,175
 19,900 (Summer)

PROJECTED (2035) - 21,875
 26,900 (Summer)



PROJECT: MD 331, Dover Road

DESCRIPTION: Replace Bridge 20023 over Choptank River. The new span will be located south of the existing roadway and provide a 50 foot river clearance. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: Constructing a new bridge will provide a safe and dependable MD 331 crossing of the Choptank River accommodating both vehicular and marine traffic. The existing drawbridge routinely experiences mechanical difficulties affecting commerce and emergency services in Caroline and Talbot counties. This bridge, built in 1932, is functionally obsolete.

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: The drawbridge on the old span has experienced mechanical difficulties affecting commerce and emergency services. The existing bridge is functionally obsolete.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	584	584	0	0	0	0	0	0	0	0	0
Engineering	1,675	1,675	0	0	0	0	0	0	0	0	0
Right-of-way	3,792	862	2,072	858	0	0	0	0	0	2,930	0
Construction	55,388	34,594	11,287	9,507	0	0	0	0	0	20,794	0
Total	61,439	37,715	13,359	10,365	0	0	0	0	0	23,724	0
Federal-Aid	47,054	29,260	9,621	8,173	0	0	0	0	0	17,794	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 16,750

PROJECTED (2035) - 22,650

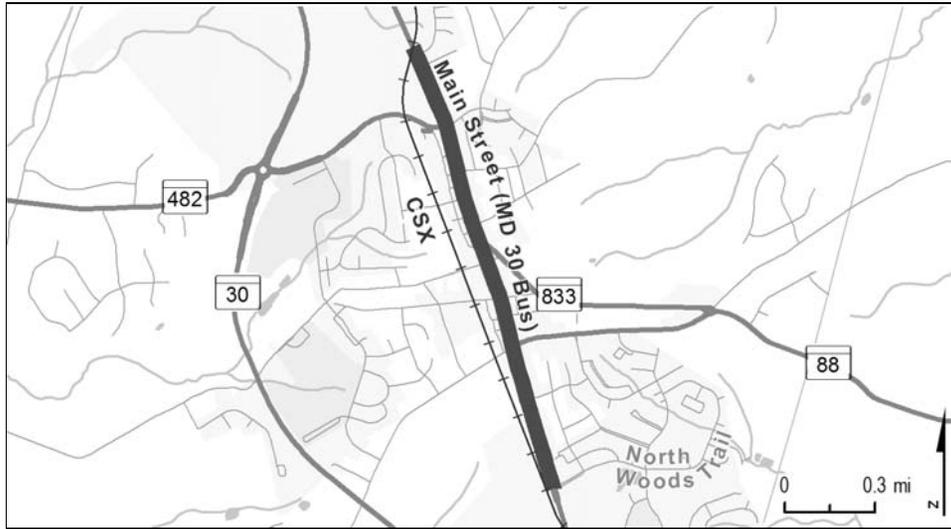
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CAROLINE COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Caroline County; resurface	6,745	Completed
2	MD 315	East Central Avenue; at structure 5030 over Marshyhope Creek; safety and resurface	59	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
3		At various locations in Caroline County; mill and resurface	6,058	Under construction
4	MD 404 BUS	Meeting House Road; 1st Street to 9th Street; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,315	FY 2017
<u>Urban Reconstruction</u>				
5	MD 404 Alt	Main Street; Talbot County Line to Hillsboro Eastern town limit; urban reconstruction (Funded for preliminary engineering)	1,646	Design Underway
<u>Enhancements</u>				
<u>Scenic/Historic Highway Programs/Visitor Centers</u>				
6		Wharves at Choptank Crossing; construction of a Heritage Welcome Center within the town limits of Denton	1,668	FY 2017



CARROLL COUNTY



PROJECT: MD 30 Bus. Main Street

DESCRIPTION: Roadway, drainage, and streetscape improvements from North Woods Trail to CSX Railroad (Hampstead Streetscape). Bicycle and pedestrian facilities will be provided (1.6 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project will provide significant improvements to the roadway, sidewalk, and drainage infrastructure. It will also address operational issues at intersections.

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 project would begin to restore the Town of Hampstead's historic Main Street to an attractive and friendly urban local roadway.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$4.2 million is due to a more detailed estimate.

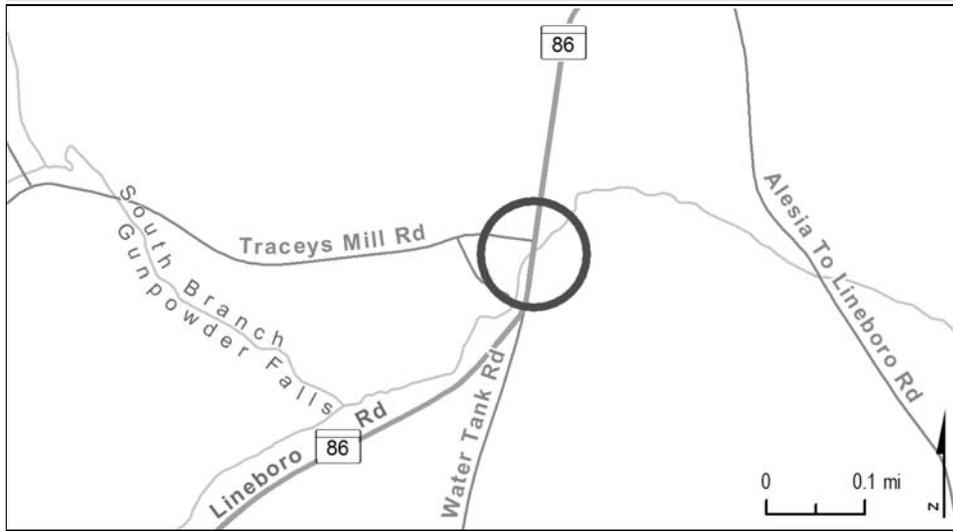
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,465	4,224	241	0	0	0	0	0	241	0
Right-of-way	683	487	107	89	0	0	0	0	196	0
Construction	14,921	0	923	4,458	5,445	3,378	717	0	14,921	0
Total	20,069	4,711	1,271	4,547	5,445	3,378	717	0	15,358	0
Federal-Aid	3,459	3,062	326	71	0	0	0	0	397	0

CLASSIFICATION:

STATE - Major Collector
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 15,950
 PROJECTED (2035) - 19,450



PROJECT: MD 86, Lineboro Road

DESCRIPTION: Replace Bridge 06019 over South Branch of Gunpowder Falls.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1929, is structurally deficient.

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: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.8 million is due to a revised engineer's estimate. Construction is delayed from FY17 to FY18 due to additional stream stabilization work.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	337	337	0	0	0	0	0	0	0	0
Engineering	882	393	345	144	0	0	0	0	489	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	6,751	0	0	2,093	4,658	0	0	0	6,751	0
Total	7,970	730	345	2,237	4,658	0	0	0	7,240	0
Federal-Aid	263	263	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

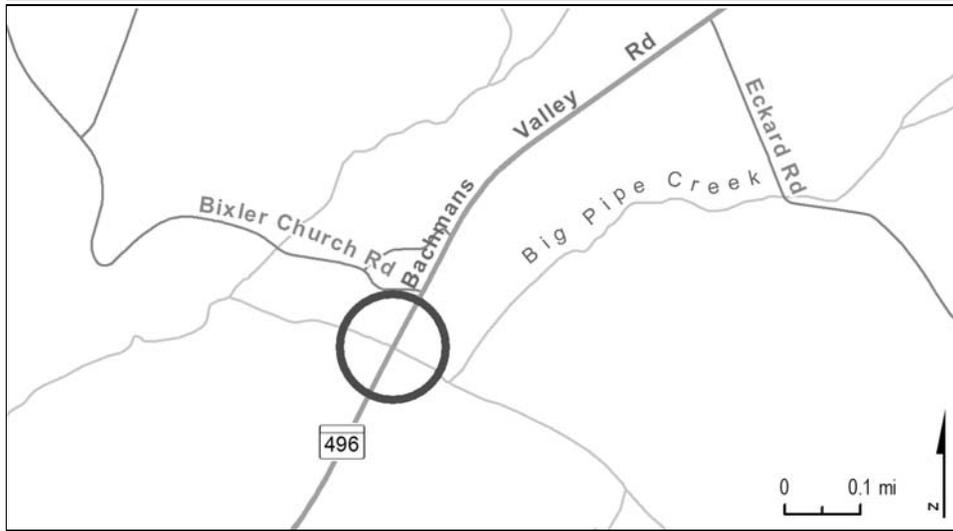
FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 4,075

PROJECTED (2035) - 4,750



PROJECT: MD 496, Bachmans Valley Road

DESCRIPTION: Replace Bridge 06038 over Big Pipe Creek.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1932, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Engineering complete. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.2 million is due to a revised engineer's estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	793	748	45	0	0	0	0	0	45	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,051	0	0	1,256	2,795	0	0	0	4,051	0
Total	4,844	748	45	1,256	2,795	0	0	0	4,096	0
Federal-Aid	423	423	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

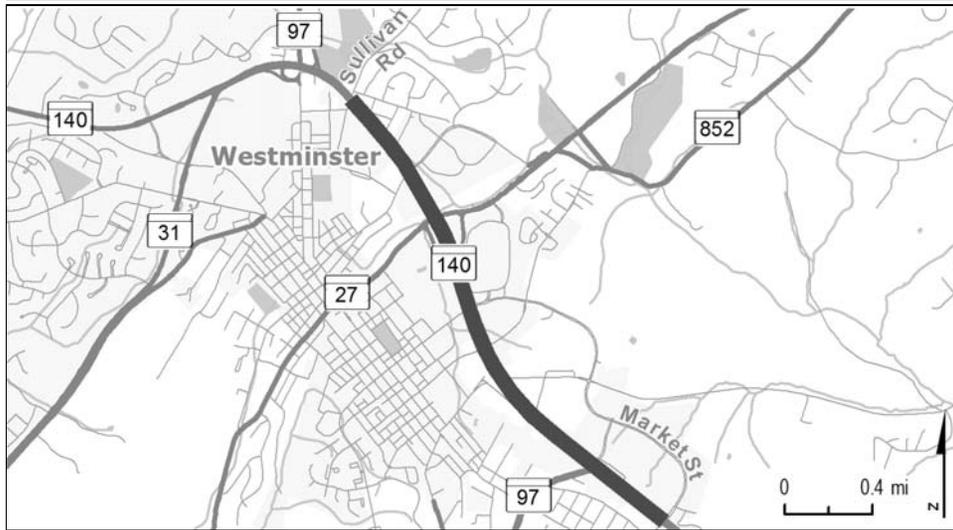
FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 5,075

PROJECTED (2035) - 7,050



PROJECT: MD 140, Baltimore Boulevard

DESCRIPTION: Study to consider capacity improvements along MD 140 between Market Street and Sullivan Road through Westminister (2.5 miles). The project will add a 16 foot wide outside lane for bicyclists and sidewalks for pedestrians.

JUSTIFICATION: This project would relieve existing congestion and provide additional capacity for planned growth and economic development within the Priority Funding Area of Westminister.

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 complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,431	1,431	0	0	0	0	0	0	0	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	1,431	1,431	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermediate Arterial

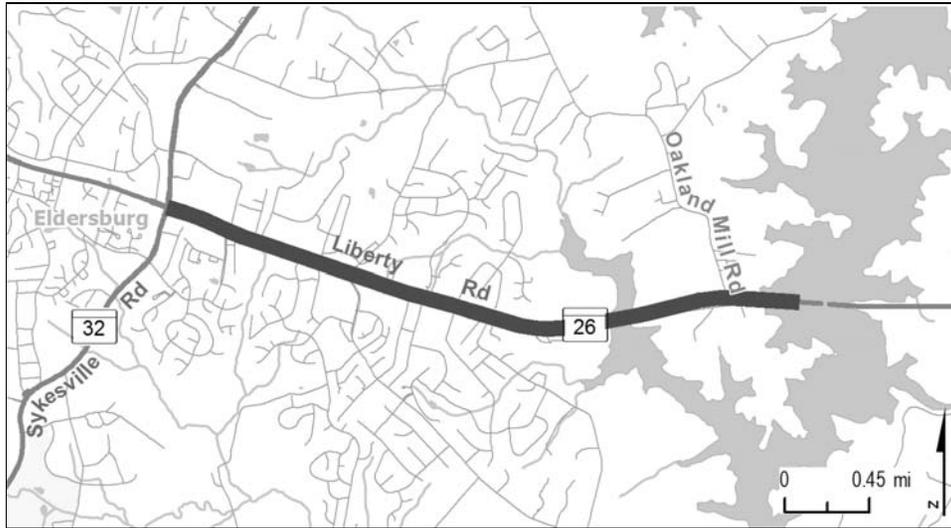
FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 51,850 - 63,600

PROJECTED (2035) - 68,200 - 89,350



PROJECT: MD 26, Liberty Road

DESCRIPTION: Project to provide access, operational, safety and streetscape improvements along the MD 26 corridor between the Liberty Reservoir and MD 32 (2.6 miles). Bicycle and pedestrian facilities will be provided.

JUSTIFICATION: This project would improve operations and safety along this segment of MD 26.

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: Project on hold. County and State split Planning cost and County contributed \$1.0 million towards Engineering cost.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	290	290	0	0	0	0	0	0	0	0
Engineering	1,363	1,363	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	1,653	1,653	0	0	0	0	0	0	0	0
Federal-Aid	228	228	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

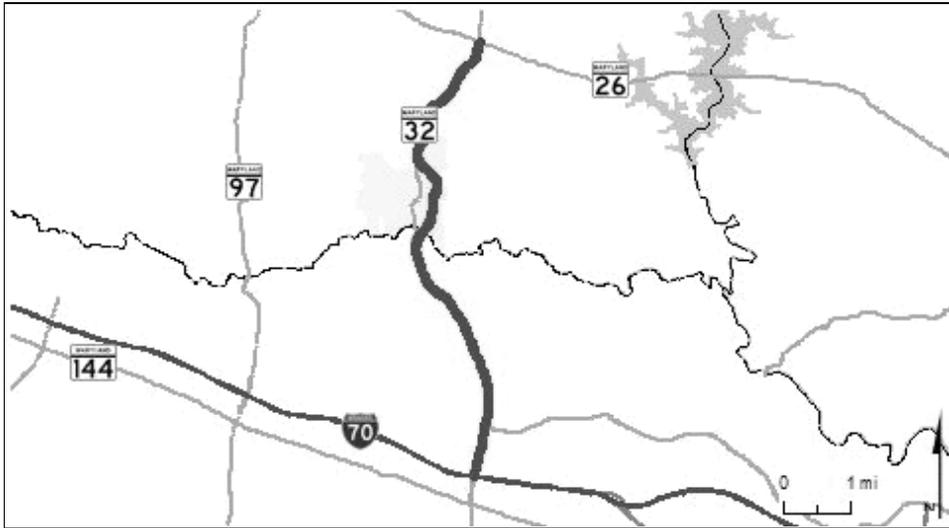
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 27,700 - 28,650

PROJECTED (2035) - 36,800 - 42,950



PROJECT: MD 32, Sykesville Road

DESCRIPTION: Planning study to determine potential safety and capacity improvements on MD 32 from MD 26 (Liberty Road) to I-70 (7.5 miles).

JUSTIFICATION: Road connects high growth area of Carroll County with growing job markets in Howard County and around Fort Meade.

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 26, Liberty Reservoir to MD 32 (Line 5)

STATUS: Planning Underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,250	400	850	0	0	0	0	0	850	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	1,250	400	850	0	0	0	0	0	850	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 31,800

PROJECTED (2035) - 48,500

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CARROLL COUNTY LINE 7

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Safety/Spot Improvement</u>		
1	MD 140	Baltimore Boulevard; at Pleasant Valley Road; geometric improvements	3,408	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
2		At various locations in Carroll County; resurface	14,953	Under construction
		<u>Safety/Spot Improvement</u>		
3	MD 27	Ridge Road; at Center Street; widen and resurface	261	FY 2017
4	MD 31	New Windsor Road; At Tahoma Farm Road; widen and resurface	1,158	FY 2017
5	MD 32	Sykesville Road; at MD 97; geometric improvements	2,810	Under construction
6	MD 482	Hampstead Mexico Road; Gorsuch Road and Cape Horn Road; geometric improvements	1,900	FY 2017
		<u>Urban Reconstruction</u>		
7	MD 31	High Street in New Windsor; Lambert Avenue to east of Church Street; urban reconstruction (Funded for preliminary engineering)	1,882	Design Underway
8	MD 851	Main Street; Howard County Line to Springfield Avenue; urban reconstruction (Funded for concepts)	594	Concepts Underway
		<u>Intersection Capacity Improvements</u>		
9	MD 26	Liberty Road; Emerald Lane to Calvert Lane; widen and resurface	5,247	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

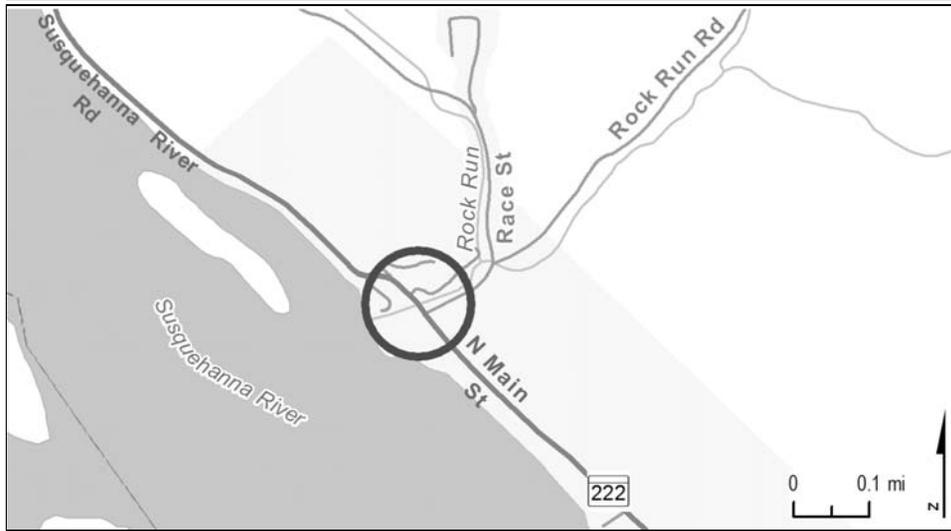
STATE HIGHWAY ADMINISTRATION -- CARROLL COUNTY LINE 7 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Intersection Capacity Improvements (cont'd)</u>				
10	MD 97	Old Washington Road; South of Airport Drive to Pleasant Valley Road; geometric improvements	2,213	FY 2018
11	MD 140	Taneytown Pike; WMC Drive to Meadow Branch/Royer Road; widen and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,908	Under construction
<u>Enhancements (cont'd)</u>				
<u>Environmental Mitigation (cont'd)</u>				
12		Finksburg Industrial Park Stormwater Management Facility	761	FY 2017

SHA



CECIL COUNTY



PROJECT: MD 222, N. Main Street

DESCRIPTION: Replace Bridge 07027 over Rock Run. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1930, is structurally deficient.

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: The bridge substructure and superstructure require reconstruction.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	994	994	0	0	0	0	0	0	0	0
Right-of-way	189	45	74	70	0	0	0	0	144	0
Construction	3,369	17	3,091	261	0	0	0	0	3,352	0
Total	4,552	1,056	3,165	331	0	0	0	0	3,496	0
Federal-Aid	722	722	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 2,900

PROJECTED (2035) - 4,200



PROJECT: MD 272, Mauldin Ave

DESCRIPTION: Replace Bridge 7036 over Amtrak. Shoulders and sidewalks will accommodate bicycles and pedestrians.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1954, is structurally deficient.

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: The existing bridge is structurally deficient. The new bridge will have sidewalks for pedestrians and shoulders for bicycles.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Project being readvertised.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,405	2,405	0	0	0	0	0	0	0	0
Right-of-way	435	435	0	0	0	0	0	0	0	0
Construction	17,654	6,442	9,049	2,163	0	0	0	0	11,212	0
Total	20,494	9,282	9,049	2,163	0	0	0	0	11,212	0
Federal-Aid	16,034	6,985	7,301	1,748	0	0	0	0	9,049	0

CLASSIFICATION:

STATE - Other Principal Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 25,175

PROJECTED (2035) - 33,900

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CECIL COUNTY LINE 3

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		At various locations in Cecil County; resurface	1,463	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
2		At various locations in Cecil County; mill and resurface	6,434	FY 2017
3		At various locations in Cecil County; resurface	6,913	Under construction
4	US 40	Pulaski Highway; MD 222 to MD 272; safety and resurface	8,122	Under construction
5	US 40	Pulaski Highway; West of MD 272 to structure 7021; resurface	4,928	Under construction
6	MD 279	Elkton Road; US 40 to Belle Hill Road; safety and resurface	2,077	Under construction
		<u>Bridge Replacement/Rehabilitation</u>		
7	MD 213	Augustine Herman Highway; Structure 07071X0 over Branch Big Elk Creek; small structure replacement	498	FY 2017
		<u>Safety/Spot Improvement</u>		
8	MD 213	Augustine Herman Highway; at Frenchtown Road; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,000	FY 2017
9	MD 213	Augustine Herman Highway; at MD 279; geometric improvements	1,053	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

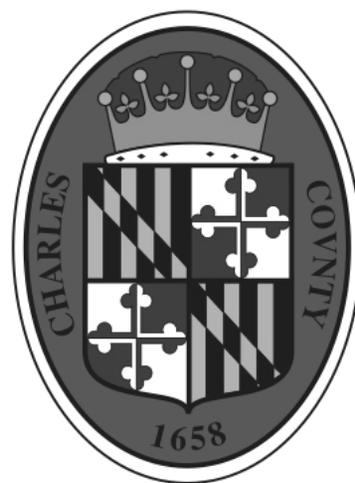
STATE HIGHWAY ADMINISTRATION -- CECIL COUNTY LINE 3 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
10	MD 222	Aiken Avenue; Granite Avenue to south town limits; drainage improvement Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,995	FY 2017
11	MD 272	Turkey Point Road; North of Rogues Harbor Road; repair slide	894	FY 2017
12	MD 272	Turkey Point Road; South of US 40 to Rogers Avenue; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,295	FY 2017
13	MD 272	North East Road; at Tiger Drive; intersection reconstruct	2,072	Under construction
14	MD 273	Telegraph Road; at Blue Ball Road; roundabout	2,389	FY 2017
15	MD 273	Rising Sun Road; at Appleton Road; roundabout	2,601	Under construction
16	MD 281	E Main Street; At Muddy Lane; roundabout	3,094	Under construction
<u>C.H.A.R.T. Projects</u>				
17		CHART DMS Deployment in Cecil County	297	Under construction
<u>Sidewalks</u>				
18	MD 267	Bladen Street; Market Street to MD 7C (W Old Philadelphia Road); sidewalks	1,322	FY 2017
19	MD 272	Maudlin Avenue; Irishtown Road to Church Street; sidewalks	887	Under construction
<u>TMDL Compliance</u>				
20		At various locations in Cecil county - Group 1; drainage improvement	3,478	FY 2017

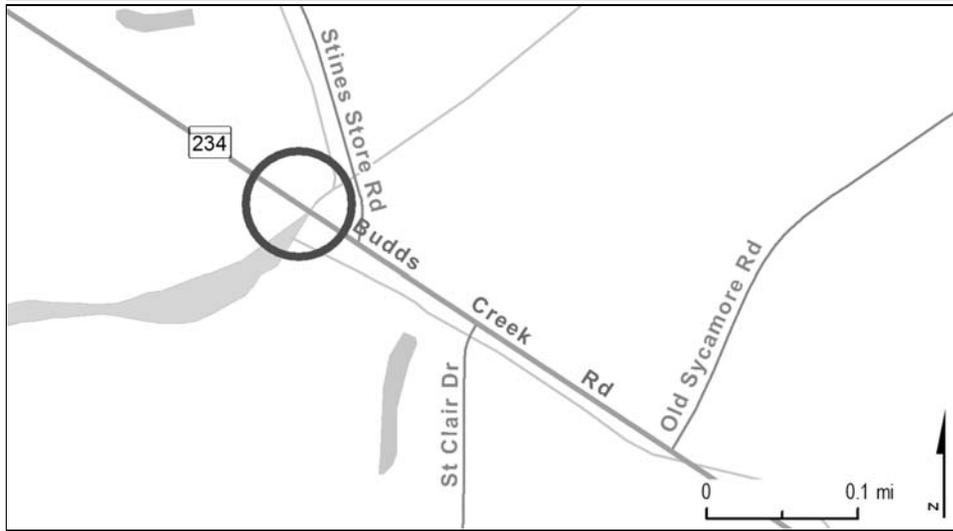
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CECIL COUNTY LINE 3 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Years 2017 and 2018 (cont'd)</u>		
		<u>TMDL Compliance (cont'd)</u>		
21		Tree establishment at various locations in District 2; landscape	456	FY 2017
22		Tree planting at various locations in Cecil County; landscape (Transportation Infrastructure Investment Act of 2013)	528	Under construction
		<u>Enhancements (cont'd)</u>		
		<u>Scenic/Historic Highway Programs/Visitor Centers (cont'd)</u>		
23		Jacob Tome Gas House Visitor Center; restoration of the Visitor's center landscaping and completion of a short trail which links in the Lower Susquehanna Heritage Trail	585	FY 2017



CHARLES COUNTY



PROJECT: MD 234, Budds Creek Road

DESCRIPTION: Replace Bridge 08047 over Gilbert Swamp Run. This project will accommodate bicycles and pedestrians where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1959, is structurally deficient.

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: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.0 million is due to a revised engineer's estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,043	609	434	0	0	0	0	0	434	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,000	0	900	3,100	0	0	0	0	4,000	0
Total	5,043	609	1,334	3,100	0	0	0	0	4,434	0
Federal-Aid	822	475	347	0	0	0	0	0	347	0

CLASSIFICATION:

STATE - Minor Arterial

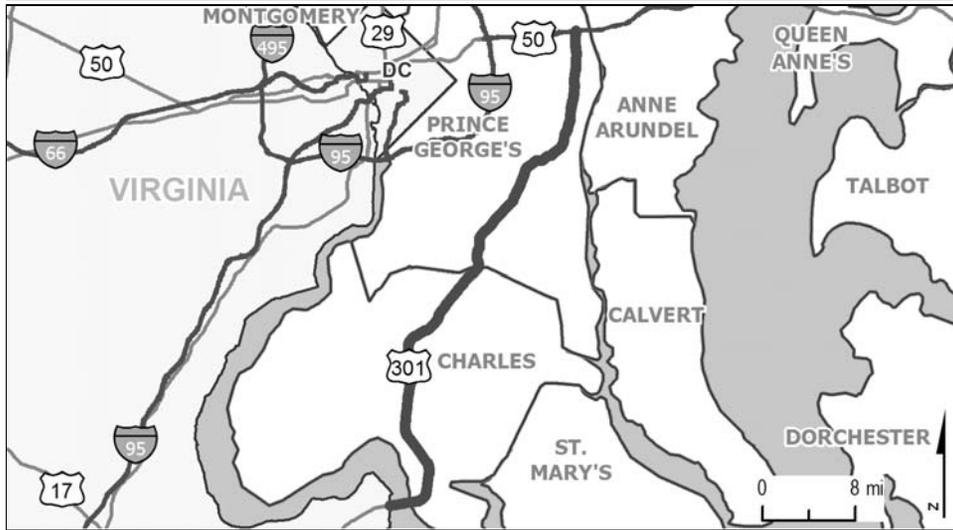
FEDERAL - Rural Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 6,475

PROJECTED (2035) - 10,600



PROJECT: US 301, South Corridor Transportation Study

DESCRIPTION: The South Corridor Transportation Study is a multimodal study of US 301 corridor highway and transit improvements between the Potomac River/Virginia State Line and I-595/US 50 (50.3 miles).

JUSTIFICATION: This study will address transportation needs and consider related environmental and growth management issues.

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:

- US 301, Intersections at MD 5 and MD 228/MD 5BU (Line 3)
- MD 5BU, US 301 to Post Office Road (System Preservation Program)
- US 50, South of Lottsford Vista Rd. to Anne Arundel County Line (Prince George's County Line 6)
- US 50, West of Lottsford Vista Rd. to Anne Arundel County Line (Prince George's County Line 7)
- MD 5, Interchange at MD 373 and Brandywine Road Relocated (Prince George's County Line 13)
- MD 5, US 301 to I-95/I-495 (Prince George's County Line 20)

STATUS: Planning on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$15.6 million is due to project being placed on hold.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	10,750	10,750	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	45,008	45,008	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	55,758	55,758	0	0	0	0	0	0	0	0	
Federal-Aid	11,881	11,881	0	0	0	0	0	0	0	0	

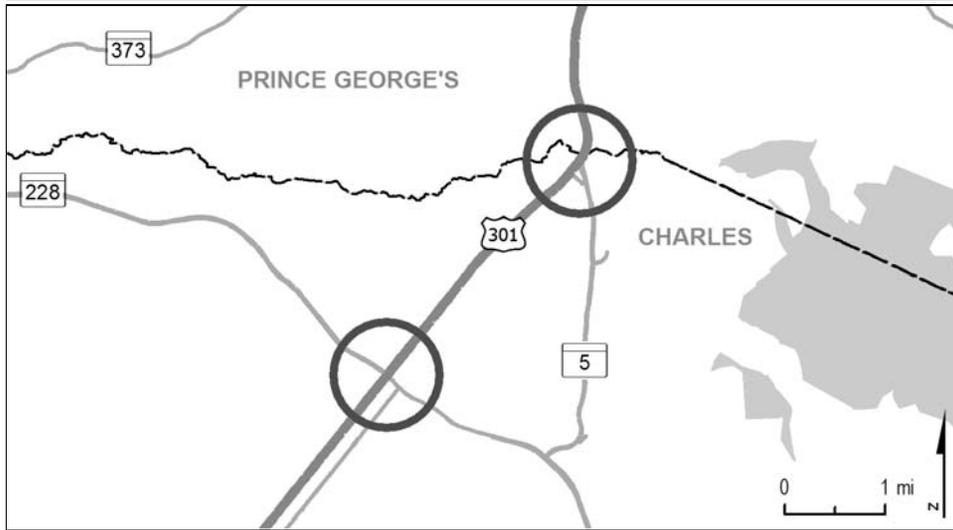
CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 22,900 (Charles) - 87,800 (Prince George's)
 PROJECTED (2035) - 27,300 (Charles) - 122,000 (Prince George's)



PROJECT: US 301, Crain Highway

DESCRIPTION: Study to upgrade US 301 intersections at MD 5 and MD 228/MD 5BU.

JUSTIFICATION: US 301 corridor improvements will improve safety, reduce congestion, and provide capacity for planned development.

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:
 US 301, South Corridor Transportation Study (Line 2)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	14,636	10,915	1,000	1,000	1,721	0	0	0	3,721	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	14,636	10,915	1,000	1,000	1,721	0	0	0	3,721	0
Federal-Aid	10,269	8,269	1,000	1,000	0	0	0	0	2,000	0

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 63,400 (Charles) - 87,800 (Prince George's)
PROJECTED (2035) - 78,100 (Charles) - 122,000 (Prince George's)

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CHARLES COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Charles County; mill and resurface	10,462	Under construction
2		At various locations in Charles County; resurface	11,188	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
3	MD 254	Cobb Island Road; Bridge 0803800 over Neale Sound; bridge rehabilitation Funding provided by the Governor's Investment in Highways and Bridges Initiative	9,000	FY 2017
<u>Safety/Spot Improvement</u>				
4	MD 5 BUS	Leonardtown Road; US 301 to Post Office Road; ADA improvements	622	FY 2017
<u>Urban Reconstruction</u>				
5	MD 625	Old Leonardtown Road; from MD 5 east of Hughesville to MD 5 west of Hughesville; urban reconstruction (Funded for concepts)	500	Concepts Underway
<u>Environmental Preservation</u>				
6	MD 6	Port Tobacco Road; at Gunston Road; landscape	4	Under construction
<u>Sidewalks</u>				
7	MD 210	Indian Head Highway; Ruth B Swann Drive to Wooster Drive; sidewalks	538	Under construction
<u>TMDL Compliance</u>				
8		At various locations in Charles County - Group 1A; drainage improvement	835	FY 2017

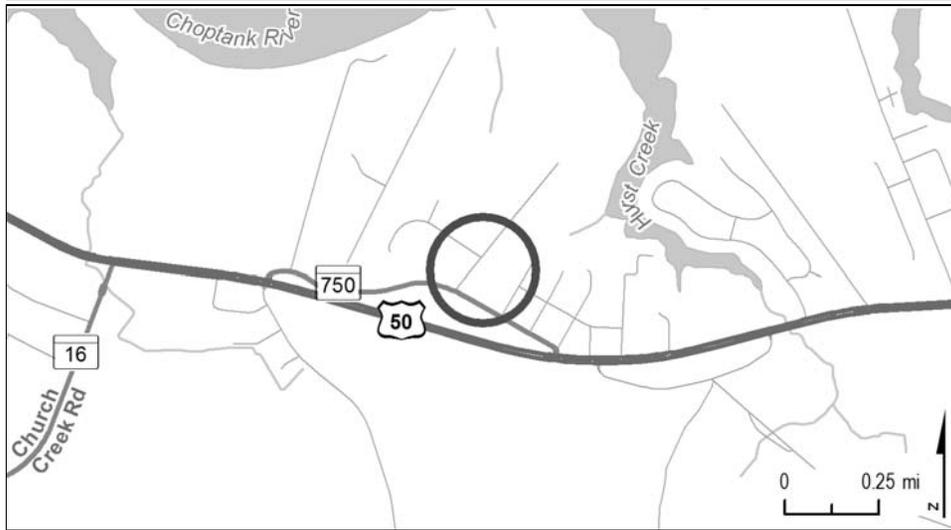
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- CHARLES COUNTY LINE 4 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
9		<p align="center"><u>Fiscal Years 2017 and 2018 (cont'd)</u></p> <p align="center"><u>TMDL Compliance (cont'd)</u></p> <p>DNR Smallwood State Park; drainage improvement (reimbursed by DNR)</p>	0	FY 2017



DORCHESTER COUNTY



PROJECT: Maintenance Facility in Cambridge

DESCRIPTION: Replacement of the maintenance facility in Cambridge.

PURPOSE & NEED SUMMARY STATEMENT: The existing facility does not meet the current needs of the District to maintain the roads in Cambridge and Dorchester County.

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: The existing shop does not meet the current needs to maintain the roads in Cambridge and Dorchester County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL		PROJECT CASH FLOW							
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,896	1,896	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	22,508	21,323	1,185	0	0	0	0	0	1,185	0
Total	24,404	23,219	1,185	0	0	0	0	0	1,185	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - NA

FEDERAL - NA

STATE SYSTEM: NA

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - NA

PROJECTED (2035) - NA

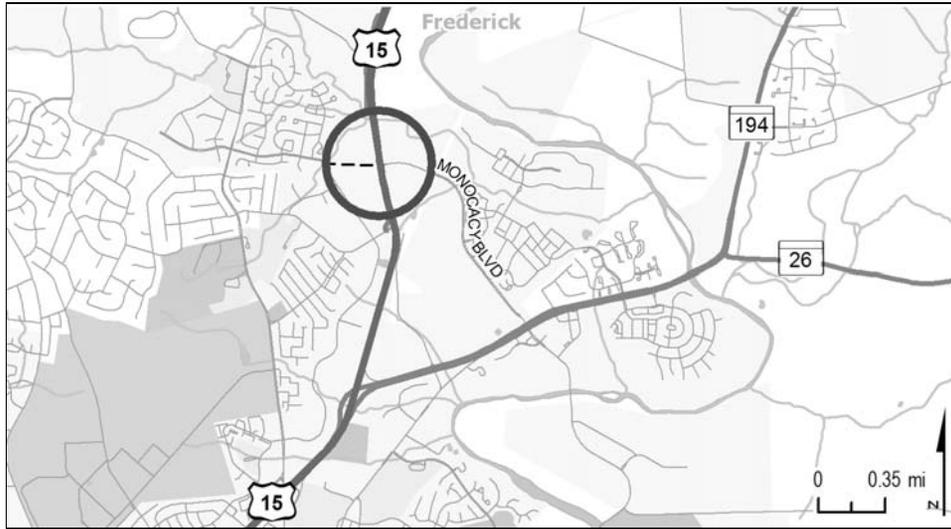
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- DORCHESTER COUNTY LINE 2

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1	US 50 EB	Ocean Gateway; Linkwood Drive to west of Old Ocean Gateway; resurface	1,526	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
2		At various locations in Dorchester County; resurface	10,260	FY 2017
3		At various locations in Dorchester County; resurface	8,410	Under construction
4	US 50	Sunburst Highway; Bucktown Road to Austin Road; resurface	1,638	FY 2017
		<u>Safety/Spot Improvement</u>		
5	MD 16	Taylor's Island Road; at Woods Road; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,572	FY 2017
		<u>Urban Reconstruction</u>		
6	MD 16	Church Creek Road; from MD 335 to Brannocks Neck Road; community safety and enhancement	2,211	FY 2018
		<u>Enhancements</u>		
		<u>Scenic/Historic Highway Programs/Visitor Centers</u>		
7		Harriet Tubman Underground Railroad Visitor Center	8,500	Underway



FREDERICK COUNTY



PROJECT: US 15, Catocin Mountain Highway

DESCRIPTION: Construct a grade-separated interchange and park-and-ride lot at Monocacy Boulevard. This project will include appropriate bicycle and pedestrian facilities.

PURPOSE & NEED SUMMARY STATEMENT: This project will add a new US 15 interchange at Monocacy Boulevard to safely accommodate future traffic volume associated with existing and planned development. The project will close an existing at-grade US 15 intersection at Hayward Road.

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-270/US 15, Multimodal Corridor Study (Line 12)

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

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

EXPLANATION: The new interchange will improve safety and operations for all users by closing an existing at-grade intersection, providing new east-west access, and constructing a ride-share facility. This interchange will support ongoing and planned growth.

STATUS: Construction underway. Frederick County is funding \$1.4 million for Engineering. Frederick City is funding \$1.4 million for Engineering.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER							
PHASE	TOTAL			PROJECT CASH FLOW						SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	682	682	0	0	0	0	0	0	0	0	
Engineering	4,335	4,335	0	0	0	0	0	0	0	0	
Right-of-way	19,312	14,883	2,960	1,334	135	0	0	0	4,429	0	
Construction	36,463	11,172	13,410	11,881	0	0	0	0	25,291	0	
Total	60,792	31,072	16,370	13,215	135	0	0	0	29,720	0	
Federal-Aid	15,318	12,517	1,920	773	108	0	0	0	2,801	0	

CLASSIFICATION:

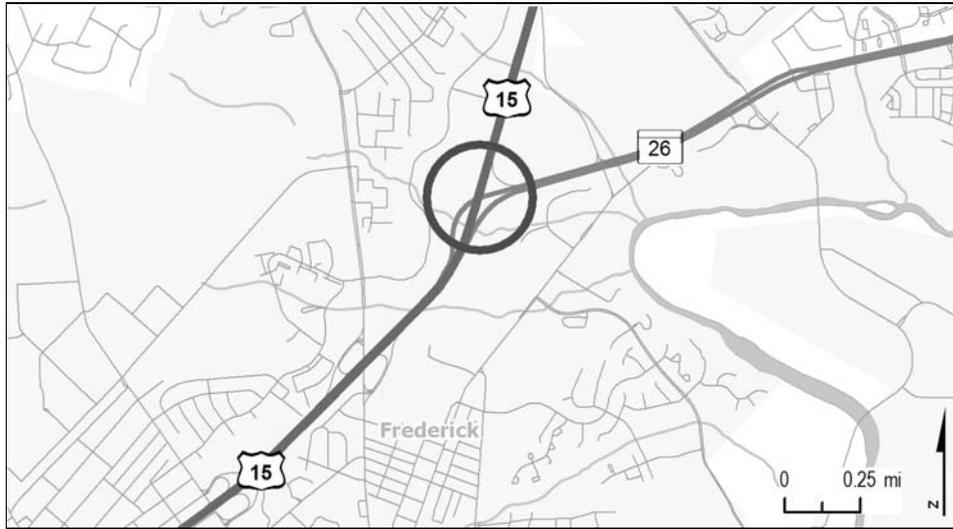
STATE - Urban Freeway/Expressway
 FEDERAL - Urban Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 45,450

PROJECTED (2035) - 60,910



PROJECT: US 15, Catocin Mountain Highway

DESCRIPTION: Replace Bridge 10097 over MD 26.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1957, is structurally deficient.

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:

I-270/US 15 Multimodal Corridor Study (Line 12)
 US 15 and US 40, Improvements between I-70 and MD 26 (Line 13)

EXPLANATION: The existing structure is structurally deficient.

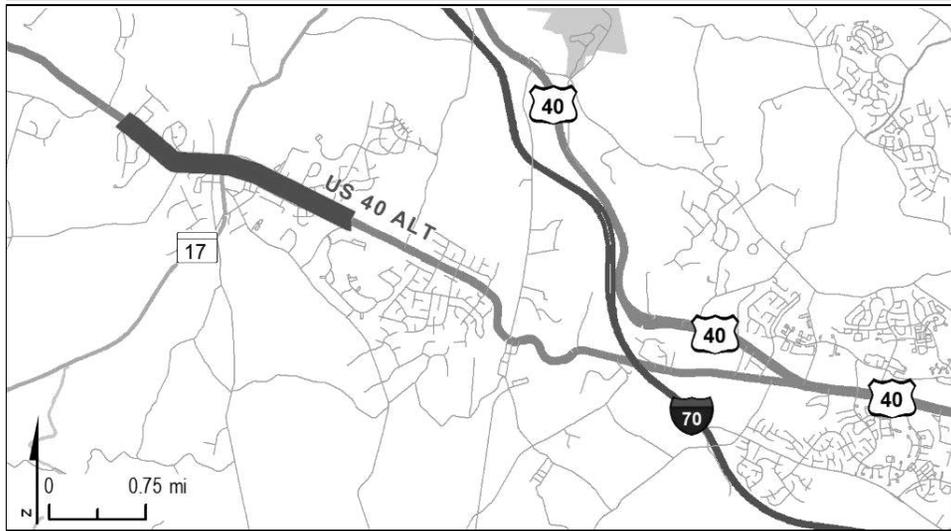
STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				YEAR 2022			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	628	628	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	5,783	625	4,135	1,023	0	0	0	0	0	5,158	0	0
Total	6,411	1,253	4,135	1,023	0	0	0	0	0	5,158	0	0
Federal-Aid	454	454	0	0	0	0	0	0	0	0	0	0

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:
 STATE - Principal Arterial
 FEDERAL - Urban Freeway/Expressway
 STATE SYSTEM: Primary
Annual Average Daily Traffic (vehicles per day)
 CURRENT (2016) - 24,500
 PROJECTED (2035) - 30,000



PROJECT: US 40 ALT, Old National Pike

DESCRIPTION: Construct roadway improvements including upgrades to pedestrian/bicyclist facilities, resurfacing, curb and gutter, and storm water management improvements from Ivy Hill Drive to Middletown Parkway (2.1 miles).

PURPOSE & NEED SUMMARY STATEMENT: The project will facilitate the safe and efficient flow of vehicular and pedestrian traffic movements along US 40 ALT.

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: System preservation to improve safety and enhance vitality in an existing community through transportation infrastructure improvement.

STATUS: Construction to begin during current fiscal year. Town of Middletown is funding \$3.8 million for Construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$3.2 million is due to the addition of lighting and waterline replacement.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,335	3,335	0	0	0	0	0	0	0	0
Right-of-way	329	89	64	64	112	0	0	0	240	0
Construction	14,135	3	2,969	7,472	3,691	0	0	0	14,132	0
Total	17,799	3,427	3,033	7,536	3,803	0	0	0	14,372	0
Federal-Aid	11,107	2,201	2,162	4,533	2,211	0	0	0	8,906	0

CLASSIFICATION:

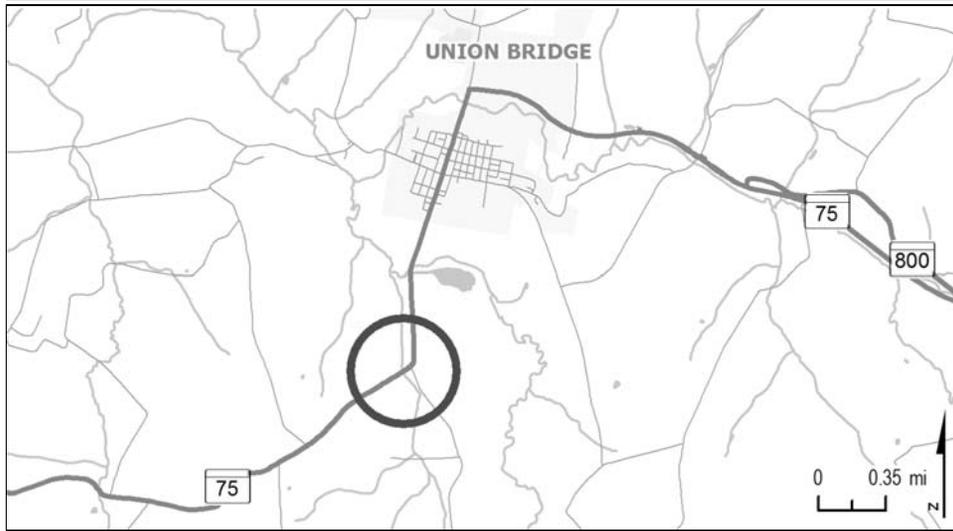
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 12,000

PROJECTED (2035) - 14,900



PROJECT: MD 75, Green Valley Road

DESCRIPTION: Replace Bridge 10172 over Haines Branch.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1932, is functionally obsolete.

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: The existing structure is functionally obsolete.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	509	509	0	0	0	0	0	0	0	0	0
Right-of-way	93	93	0	0	0	0	0	0	0	0	0
Construction	2,246	2,132	114	0	0	0	0	0	0	114	0
Total	2,848	2,734	114	0	0	0	0	0	0	114	0
Federal-Aid	391	391	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 1,300

PROJECTED (2035) - 1,700



PROJECT: MD 85, Buckeystown Pike

DESCRIPTION: Widen to a multilane divided highway from Crestwood Boulevard/Shockley Drive to Spectrum Drive (0.8 miles), including MD 85 interchange reconstruction at I-270 and I-270 dual bridges replacement. This project is Phase 1 of a three-phase project to widen and reconstruct MD 85 from south of English Muffin Way to north of Grove Road.

PURPOSE & NEED SUMMARY STATEMENT: This project will relieve congestion and provide capacity for planned commercial development in the MD 85 corridor. Additionally, the existing I-270 dual bridges, built in 1950, are functionally obsolete.

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-270 and US 15, Multimodal Corridor Study (Line 12)
 MD 85, South of English Muffin Way to north of Grove Road (Line 14)

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

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

EXPLANATION: This project will improve safety for all roadway users by reconstructing functionally obsolete interchange and bridges. It also supports ongoing and planned growth by increasing roadway and interchange capacity.

STATUS: Engineering and Right-of-Way underway. Construction to begin during budget fiscal year. County funded \$1.5 million for partial Engineering.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$11.1 million is due to a more detailed cost estimate. Construction delayed from FY17 to FY18 due to utility relocations.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,072	5,622	450	0	0	0	0	0	450	0
Right-of-way	12,819	3,569	3,334	2,900	1,684	1,332	0	0	9,250	0
Construction	88,060	0	0	11,877	21,127	23,483	31,573	0	88,060	0
Total	106,951	9,191	3,784	14,777	22,811	24,815	31,573	0	97,760	0
Federal-Aid	2,177	1,826	351	0	0	0	0	0	351	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 35,500 - 49,500

PROJECTED (2035) - 49,000 - 69,700



PROJECT: MD 140, Main Street

DESCRIPTION: Replace Bridge 10062 over Flat Run.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1932, is structurally deficient.

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

EXPLANATION: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,216	1,216	0	0	0	0	0	0	0	0	0
Right-of-way	271	112	80	79	0	0	0	0	0	159	0
Construction	4,297	5	1,867	2,163	262	0	0	0	0	4,292	0
Total	5,784	1,333	1,947	2,242	262	0	0	0	0	4,451	0
Federal-Aid	4,543	937	1,569	1,817	220	0	0	0	0	3,606	0

CLASSIFICATION:

STATE - Intermediate Arterial

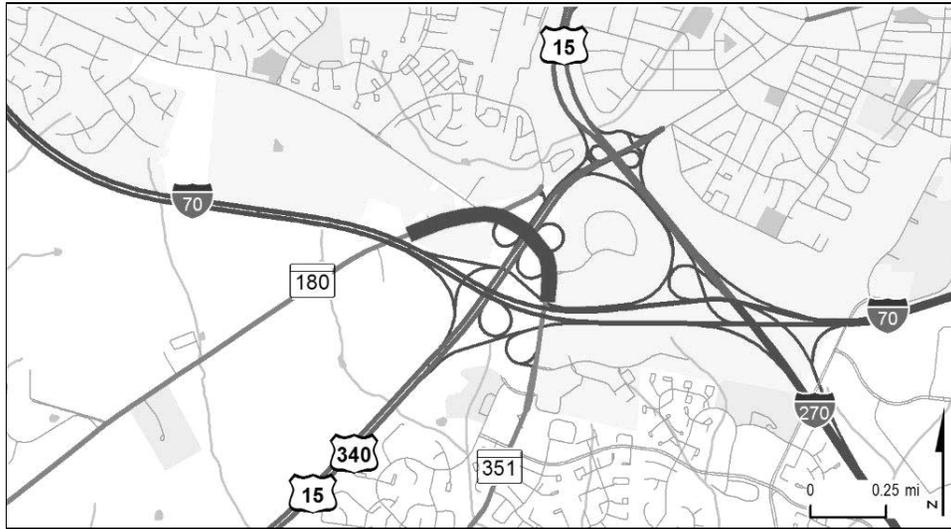
FEDERAL - Rural Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 7,500

PROJECTED (2035) - 10,100



PROJECT: MD 180, Jefferson Pike

DESCRIPTION: Urban Reconstruction of MD 180, from north of I-70 to structure 10140 (0.7 miles), including additional structural capacity over US 15/US 340.

PURPOSE & NEED SUMMARY STATEMENT: Operational improvements and capacity improvements to support mobility and economic development in Frederick County.

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:

I-70, from Mount Phillip Road to east of MD 144FA (Line 10)
 MD 180 and MD 351 Planning Study (Line 15)

EXPLANATION: The corridor experiences operational failures indicated by heavily congested roads and high traffic volumes, especially during peak periods.

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$2.7 million is due to a revised engineer's estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,295	350	1,120	825	0	0	0	0	0	1,945	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	26,000	0	0	0	3,456	9,671	12,873	0	0	26,000	
Total	28,295	350	1,120	825	3,456	9,671	12,873	0	0	27,945	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Major Collector

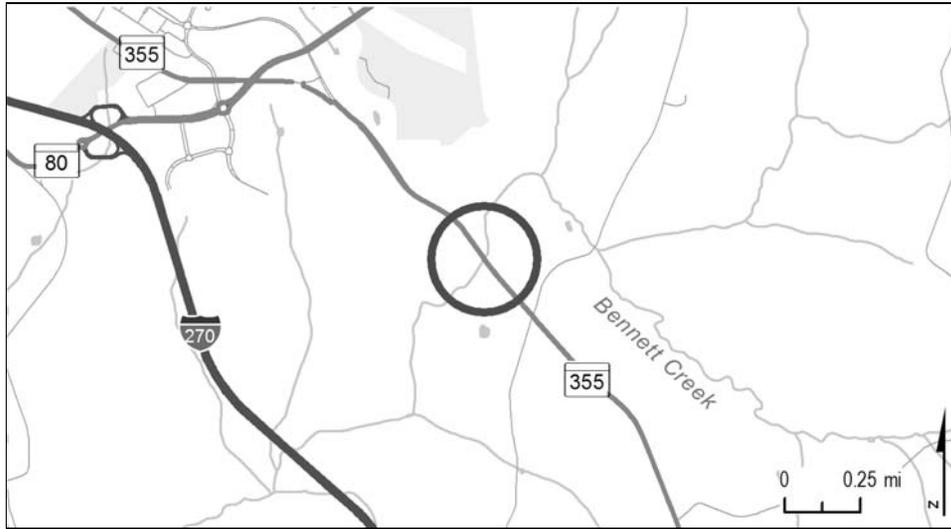
FEDERAL - Urban Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 22,000

PROJECTED (2035) - 41,800



PROJECT: MD 355, Urbana Pike

DESCRIPTION: Replace Bridge 10086 over Bennett Creek.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1924, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Construction to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	789	789	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	8,000	0	2,080	5,920	0	0	0	0	0	8,000	0	0
Total	8,789	789	2,080	5,920	0	0	0	0	0	8,000	0	0
Federal-Aid	606	606	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

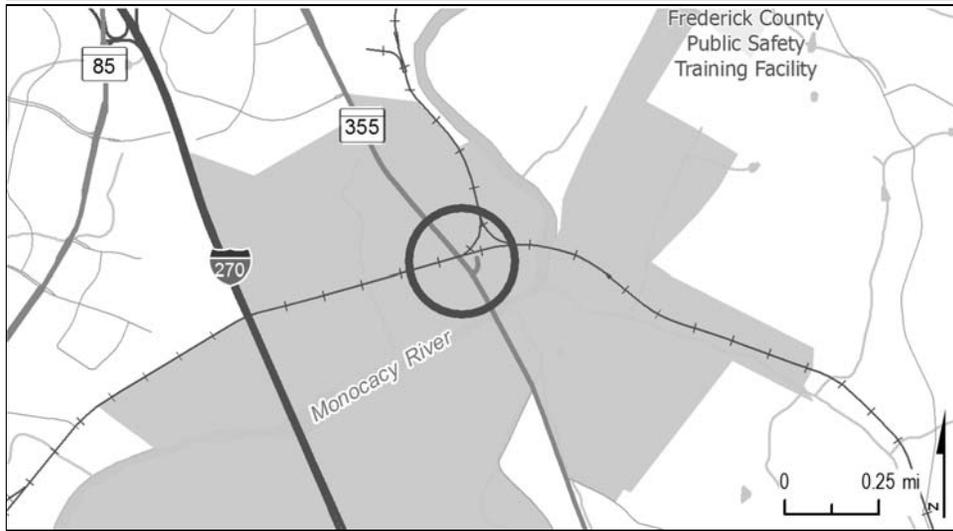
STATE - Major Collector
 FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,500

PROJECTED (2035) - 12,800



PROJECT: MD 355, Urbana Pike

DESCRIPTION: Replace Bridge 10084 over CSXT railroad.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1931, is structurally deficient.

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: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$2.3 million is due to a revised engineer's estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,352	1,624	728	0	0	0	0	0	728	0
Right-of-way	735	13	152	152	152	152	114	0	722	0
Construction	6,100	0	739	2,413	2,105	843	0	0	6,100	0
Total	9,187	1,637	1,619	2,565	2,257	995	114	0	7,550	0
Federal-Aid	1,759	1,223	536	0	0	0	0	0	536	0

CLASSIFICATION:

STATE - Major Collector

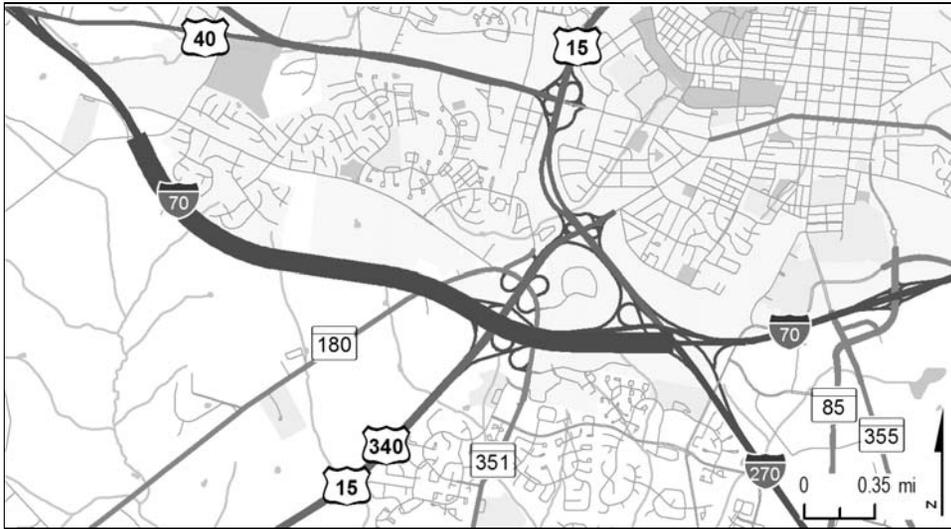
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 14,250

PROJECTED (2035) - 19,500



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Widen I-70 to six lanes between Mount Phillip Road and I-270 (3.0 miles). This is Phase 4 of a four-phase project to upgrade I-70 from Mount Phillip Road to east of MD 144FA.

JUSTIFICATION: This project will relieve congestion and provide capacity to accommodate planned development.

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-270 and US 15, Multimodal Corridor Study (Line 12)
- US 15 and US 40, Improvements between I-70 and MD 26 (Line 13)
- MD 180 and MD 351, Improvements between Greenfield Drive and Corporate Drive (Line 15)

STATUS: Engineering on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,251	1,251	0	0	0	0	0	0	0	0
Engineering	6,724	6,724	0	0	0	0	0	0	0	0
Right-of-way	21,493	21,493	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	29,468	29,468	0	0	0	0	0	0	0	0
Federal-Aid	13,629	13,629	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

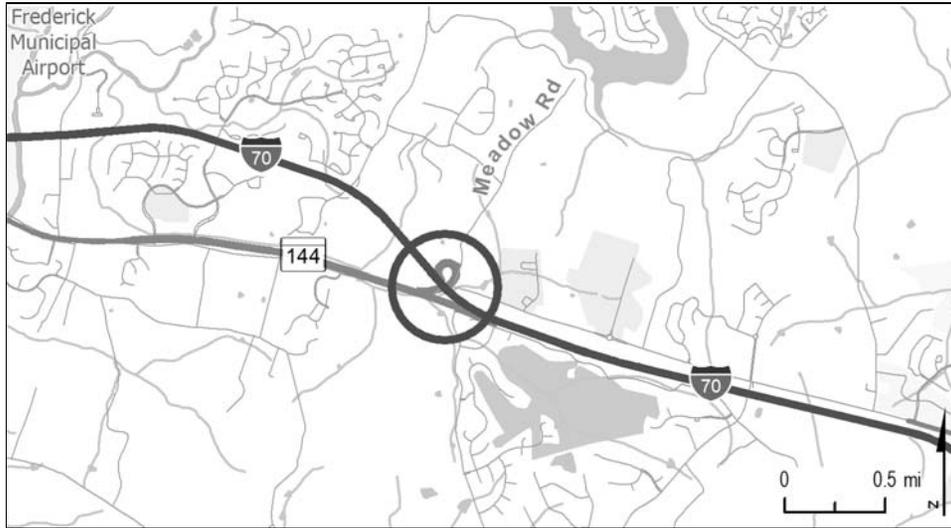
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 99,900

PROJECTED (2035) - 139,400



PROJECT: I-70, Baltimore National Pike

DESCRIPTION: Study to construct interchange improvements at Meadow Road, MD 144FA, and Old National Pike.

JUSTIFICATION: This study will consider providing the missing eastbound I-70 exit and westbound I-70 entry movements. Providing these movements will reduce traffic on lower functioning roadways in Frederick City and New Market.

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 by developer. County and developer are funding this project.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	252	252	0	0	0	0	0	0	0	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	252	252	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Urban Interstate

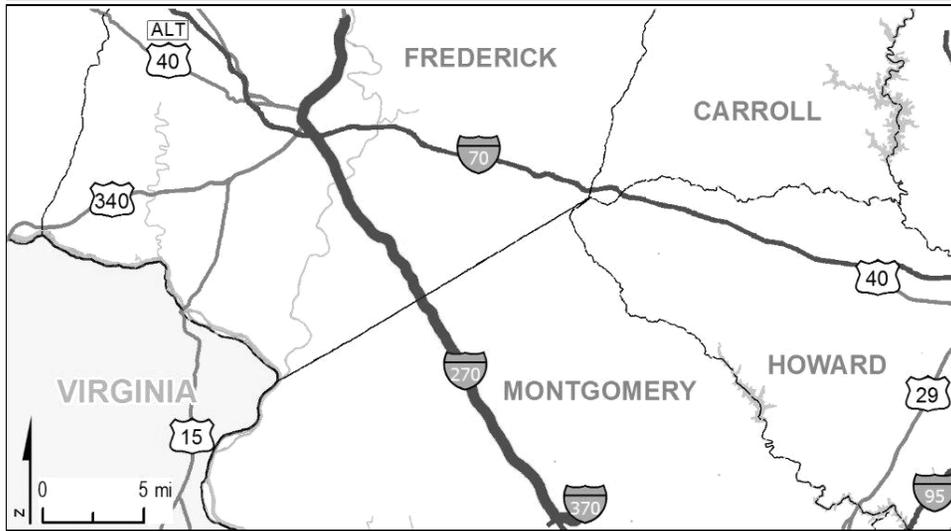
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 67,500

PROJECTED (2035) - 82,200



PROJECT: I-270, Eisenhower Highway, and US 15, Frederick Freeway/Catoctin Mountain Highway

DESCRIPTION: Multimodal corridor study to consider highway and transit improvements in the I-270/US 15 corridor in Montgomery and Frederick counties from Shady Grove Metro Station to north of Biggs Ford Road (32.5 miles).

JUSTIFICATION: I-270 and US 15 experience capacity and safety problems throughout Montgomery and Frederick counties. Traffic conditions will continue to deteriorate due to rapid development in this corridor. Transportation improvements are needed to reduce existing and anticipated congestion and to support planned economic development.

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:

- US 15, Interchange at Monocacy Boulevard (Line 1)
- US 15, Bridge Replacement over MD 26 (Line 2)
- MD 85, from Crestwood Boulevard to Spectrum Drive (Line 5)
- I-70, Mount Phillip Road to I-270 (Line 10)
- US 15 and US 40, Improvements between I-70 and MD 26 (Line 13)
- MD 85, from south of English Muffin Way to north of Grove Road (Line 14)

STATUS: Planning on hold, proceeding with transit component, the Corridor Cities Transitway (MTA Line 37) first.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

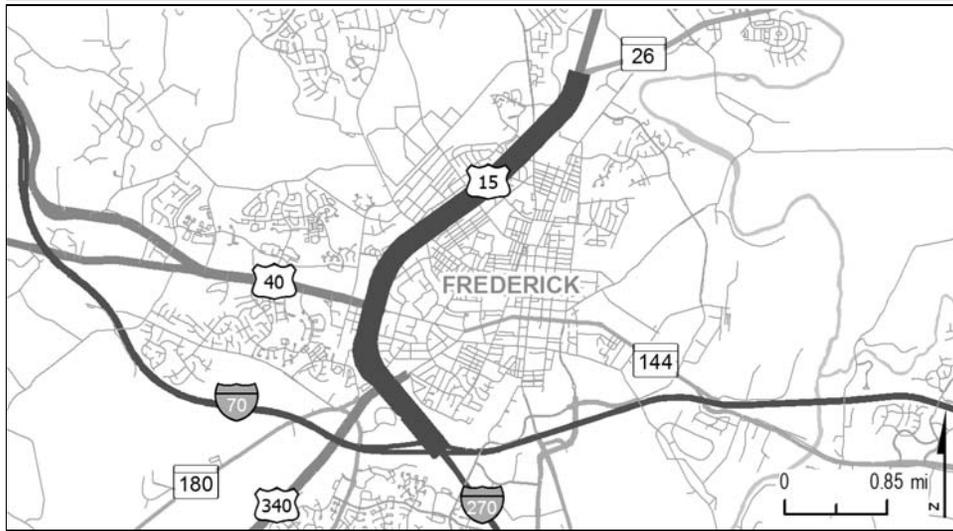
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	17,432	17,432	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	1,107	1,107	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	18,539	18,539	0	0	0	0	0	0	0	0
Federal-Aid	14,400	14,400	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial
FEDERAL - Urban/Rural Interstate
STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 42,100 - 104,400 (US 15)
 87,000 - 219,000 (I-270)
PROJECTED (2035) - 63,500 - 191,800 (US 15)
 98,000 - 237,000 (I-270)



PROJECT: US 15, Frederick Freeway, and US 40, Frederick Freeway

DESCRIPTION: Planning and Preliminary Engineering Study to improve safety and mainline operations along US 15 and US 40 from I-270 and MD 26.

JUSTIFICATION: This section does not meet current highway standards. Existing interchanges have short acceleration and deceleration lanes, very sharp curves, and short merging and weaving sections.

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

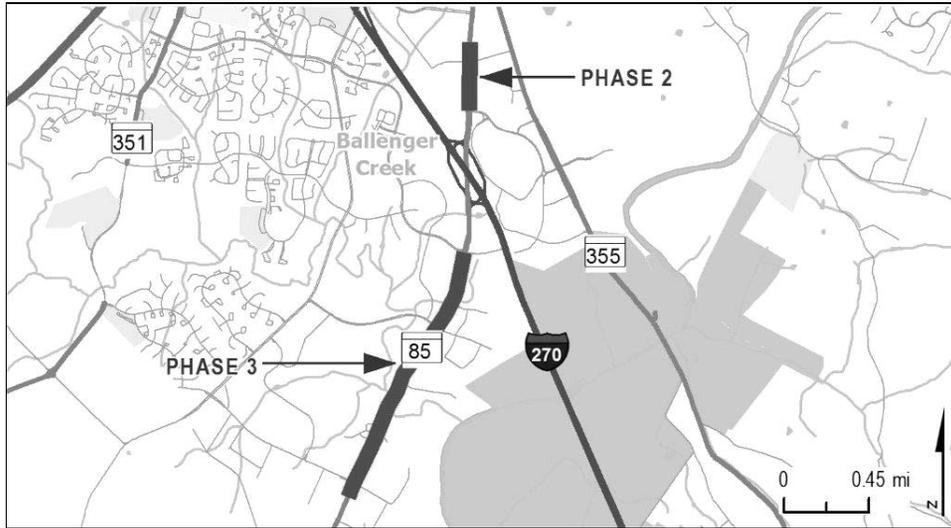
ASSOCIATED IMPROVEMENTS:
 US 15, Bridge Replacement over MD 26 (Line 2)
 I-270 and US 15, Multimodal Corridor Study (Line 12)

STATUS: Planning and Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,000	276	500	224	0	0	0	0	724	0	
Engineering	4,000	250	500	1,450	1,250	550	0	0	3,750	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	526	1,000	1,674	1,250	550	0	0	4,474	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:
STATE - Freeway/Expressway
FEDERAL - Urban Freeway/Expressway
STATE SYSTEM: Primary
Annual Average Daily Traffic (vehicles per day)
CURRENT (2016) - 42,100 - 104,400
PROJECTED (2035) - 63,500 - 191,800



PROJECT: MD 85, Buckeystown Pike

DESCRIPTION: Widen to a multilane divided highway from south of English Muffin Way to north of Grove Road (2.4 miles). The project will include appropriate bicycle and pedestrian facilities.

JUSTIFICATION: This project will reduce congestion and provide capacity for planned commercial development in the MD 85 corridor.

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 85, from Crestwood Boulevard to Spectrum Drive (Line 5)
 I-270/US 15, Multimodal Corridor Study (Line 12)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	531	531	0	0	0	0	0	0	0	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	531	531	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Collector

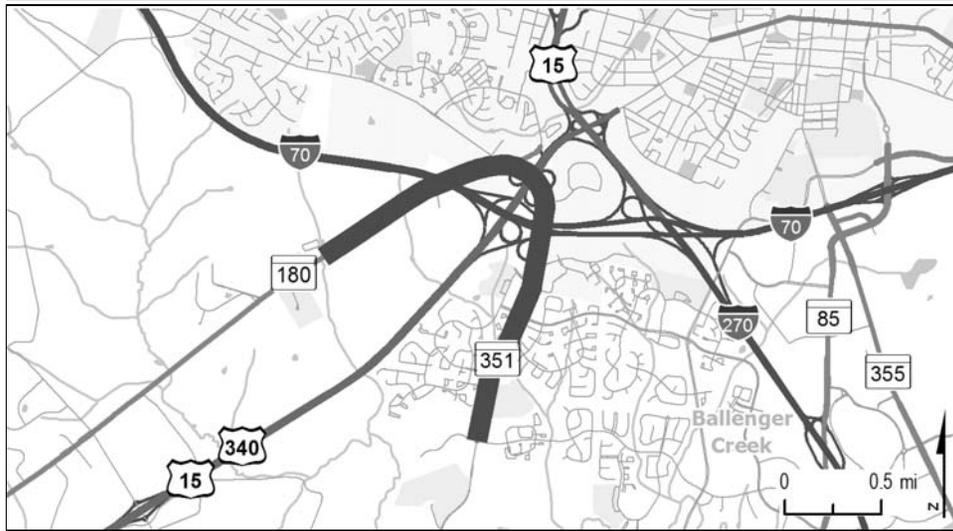
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,700 - 47,400

PROJECTED (2035) - 18,500 - 69,700



PROJECT: MD 180 and MD 351, Jefferson Pike/Ballenger Creek Pike

DESCRIPTION: Study to improve MD 180 and MD 351 capacity and operations between Greenfield Drive and Corporate Drive (2.7 miles). This project will include appropriate bicycle and pedestrian facilities.

JUSTIFICATION: The MD 180 and MD 351 corridor is experiencing rapid development. Businesses and residential developments in the study area contribute to operational failures along the existing roadway network, indicated by heavily congested roads and high traffic volumes, especially during peak periods.

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 180, from north of I-70 to structure 10140 (Line 7)
 I-70, from Mount Phillip road to east of MD 144FA (Line 10)

STATUS: Planning on hold. County is funding \$0.5 million to Planning.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,289	2,289	0	0	0	0	0	0	0	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	2,289	2,289	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Collector

FEDERAL - Urban Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 28,900

PROJECTED (2035) - 62,200

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 16

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Bridge Replacement/Rehabilitation</u>		
1		At various locations on Buckeystown Park, Green Vall Road, National Pike and Eisenhower Memorial Highway; clean/paint bridges	1,679	Completed
		<u>Safety/Spot Improvement</u>		
2	US 15 NB	Catoctin Mountain Highway; Motter Avenue to MD 26; geometric improvements	2,744	Completed
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
3		Carroll Creek Park Trail - Phase II; construction of 1.3 miles of a 25 mile shared use trail along Carroll Creek in the City of Frederick from Bentz Street to East Patrick Street	5,959	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
4		At various locations in Frederick County; mill and resurface	18,431	FY 2017
5		At various locations in Frederick County; resurface	18,314	Under construction
6	MD 26	Liberty Road; US 15 to east of MD 194; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,546	FY 2017
7	I 70	Eisenhower Memorial Highway; MD 144 (Exit 56) to bridge over MD 27	8,850	Under construction
8	US 340	Jefferson National Pike; Washington County line to MD 17; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,700	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 16 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
9	US 340 EB	Jefferson National Pike; MD 17 to Lander Road; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,606	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
10	MD 28	Clay Street; Bridge 1002900 over Monocacy River; bridge rehabilitation Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,000	FY 2017
11	US 40 EB	Baltimore National Pike; Bridge 1014600 at US 40 Ramp F; bridge rehabilitation	3,460	FY 2017
12	MD 77	Foxville Road; bridge 1005500 over Monocacy River; bridge rehabilitation Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,592	Under construction
<u>Urban Reconstruction</u>				
13	MD 140	Main Street; East North Avenue to Timbermill Run; urban reconstruction	2,628	FY 2017
14	MD 144 FB	Main Street; West of Royal Oak Drive to Bye Alley; urban reconstruction (Transportation Infrastructure Investment Act of 2013)	7,643	Under construction
15	MD 180	Jefferson Pike; MD 383 (Broad Run Road) to Old Holter Road; urban reconstruction	4,500	FY 2018
<u>Intersection Capacity Improvements</u>				
16	US 40	West Patrick Street; At Baughmans Lane/Linden Avenue; geometric improvements	181	Under construction
17	MD 180	Jefferson Pike; Structure 10149 to Crestwood Boulevard; widen and resurface (Funded by third party)	0	Under construction

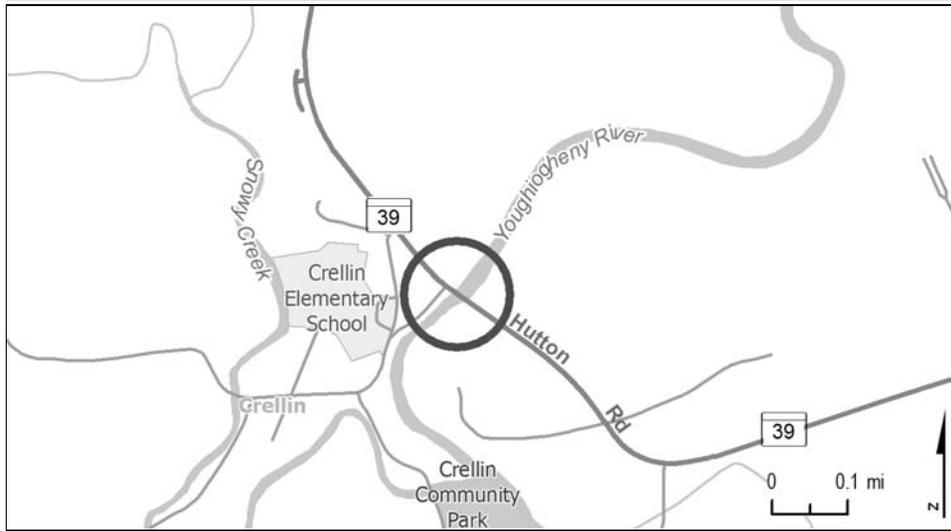
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 16 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Years 2017 and 2018 (cont'd)</u>		
		<u>TMDL Compliance</u>		
18		Tree establishment at various locations in Frederick county; landscape	1,253	FY 2017
19		Little Catoctin Creek at US 340; wetlands replacement	2,517	FY 2017
		<u>Enhancements</u>		
		<u>Acquisition of Scenic Easements and Scenic/Historic Sites</u>		
20		Saving Maryland's Critical Civil War Battlefields; 7 battlefield acquisitions	979	Underway
		<u>Pedestrian/Bicycle Facilities</u>		
21		Ballenger Creek Trail Phase IV; project consists of construction of a 10 foot wide, 1,600 linear foot asphalt trail	360	FY 2017



GARRETT COUNTY



PROJECT: MD 39, Hutton Road

DESCRIPTION: Replace Bridge 11002 over the Youghiogheny River. This project will accommodate bicycles and pedestrians where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1923, is structurally deficient and functionally obsolete.

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: The existing structure is structurally deficient and functionally obsolete.

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL ESTIMATED COST (\$000)	PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
		EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,177	337	252	252	252	84	0	0	840	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	5,000	0	0	0	0	1,075	3,525	400	5,000	0
Total	6,177	337	252	252	252	1,159	3,525	400	5,840	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

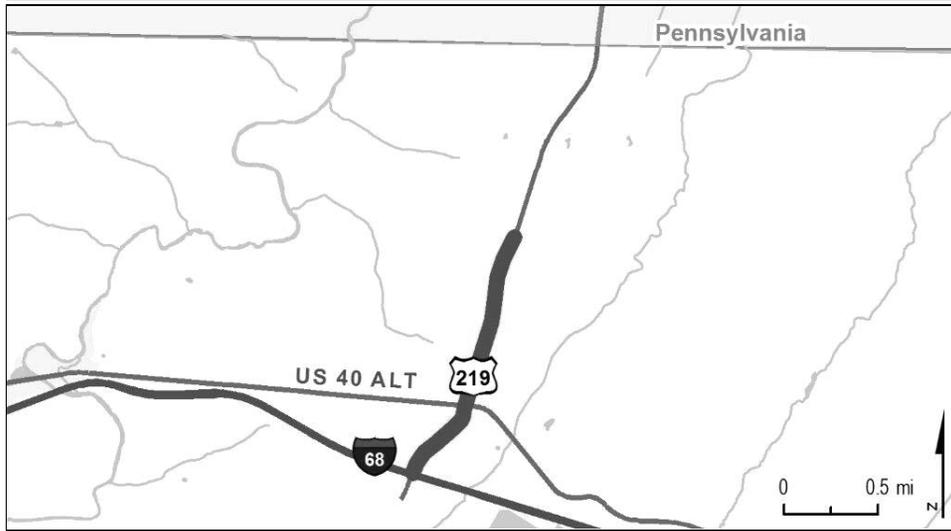
FEDERAL - Rural Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 3,350

PROJECTED (2035) - 3,900



PROJECT: US 219, Chestnut Ridge Road

DESCRIPTION: Upgrade and relocate US 219, north of I-68/US 40 (1.5 miles). This project is being broken out from a larger study to upgrade and/or relocate US 219 from I-68/US 40 to the Pennsylvania State line.

PURPOSE & NEED SUMMARY STATEMENT: US 219 corridor improvements will enhance accessibility and promote economic development.

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:
 US 219 Corridor, I-68 to Pennsylvania State line (Line 5)

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

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

EXPLANATION: US 219 is a critical link between Western Maryland and southern Pennsylvania. Increasing accessibility supports critical regional transportation needs.

STATUS: Engineering underway. Construction to begin during budget fiscal year. Construction and Right-of-Way is being funded with Appalachian Development Highway System funds.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	2,000	800	1,200	0	0	0	0	0	0	1,200	0
Engineering	3,000	350	1,300	1,350	0	0	0	0	0	2,650	0
Right-of-way	4,784	1	59	2,088	2,088	548	0	0	0	4,783	0
Construction	80,765	0	0	6,874	20,586	24,409	28,896	0	0	80,765	0
Total	90,549	1,151	2,559	10,312	22,674	24,957	28,896	0	0	89,398	0
Federal-Aid	83,836	1	58	8,782	22,220	24,457	28,318	0	0	83,835	0

CLASSIFICATION:

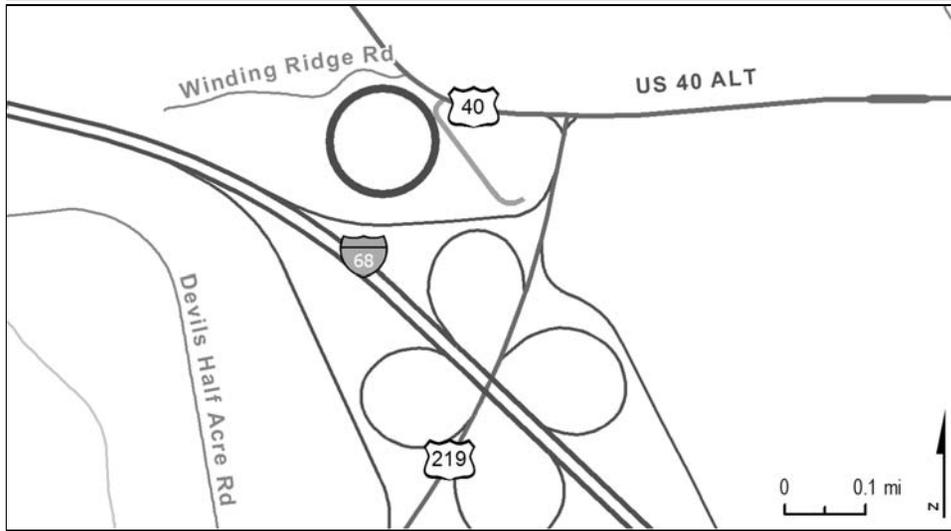
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 4,300

PROJECTED (2035) - 5,800



PROJECT: Keysers Ridge Maintenance Facility

DESCRIPTION: Replace SHA's maintenance facility in Keysers Ridge.

PURPOSE & NEED SUMMARY STATEMENT: The existing facility no longer meets SHA's salt and equipment storage needs.

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: The existing facility no longer meets current needs.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				YEAR 2022			
					2019	2020	2021	2022				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	711	711	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	11,734	10,929	805	0	0	0	0	0	0	805	0	0
Total	12,445	11,640	805	0	0	0	0	0	0	805	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - N/A

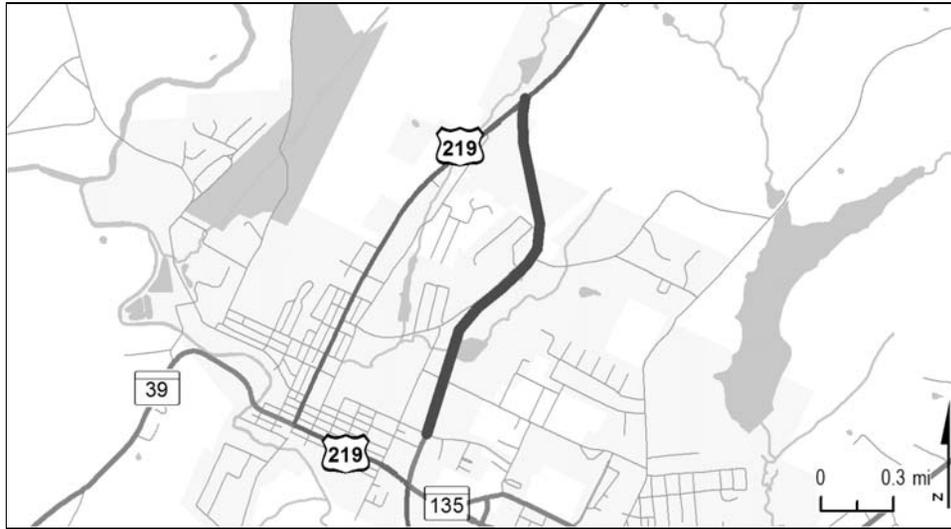
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - N/A

PROJECTED (2035) - N/A



PROJECT: US 219 Relocated, Oakland Bypass

DESCRIPTION: Relocate US 219 from north of Oakland to MD 135 (2.4 miles).

JUSTIFICATION: US 219 relocation will divert through traffic, including trucks, from downtown Oakland; improve safety; and reduce congestion.

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:
 US 219, MD 135 to north of East Orchid Street (System Preservation Program)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,280	1,280	0	0	0	0	0	0	0	0
Engineering	4,017	4,017	0	0	0	0	0	0	0	0
Right-of-way	4,412	4,412	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	9,709	9,709	0	0	0	0	0	0	0	0
Federal-Aid	3,472	3,472	0	0	0	0	0	0	0	0

CLASSIFICATION:

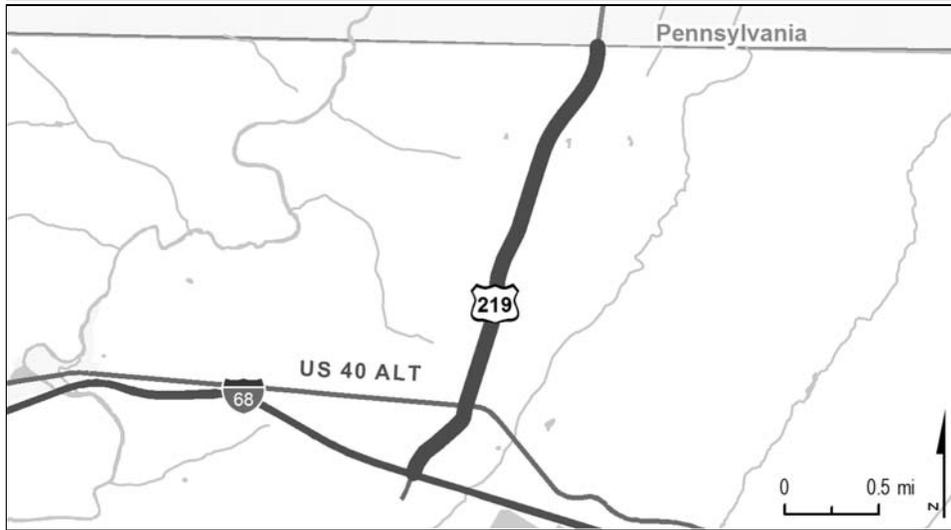
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 7,650- 17,600

PROJECTED (2035) - 7,850 (Bypass)
 18,400 (US 219)



PROJECT: US 219, Chestnut Ridge Road

DESCRIPTION: Study to upgrade and/or relocate US 219 from I-68/US 40 to the Pennsylvania State line (2.5 miles). This study represents a portion of a Maryland/Pennsylvania joint study, between I-68/US 40 and Myersdale, Pennsylvania.

JUSTIFICATION: US 219 corridor improvements will enhance accessibility and promote economic development.

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:
 US 219, north of I-68/US 40 (Line 2)

STATUS: Planning underway. Maryland is the lead in performing this study. The cost shown is Maryland's share only.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	4,090	4,050	40	0	0	0	0	0	0	40	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	4,090	4,050	40	0	0	0	0	0	0	40	0
Federal-Aid	2,415	2,415	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 5,200

PROJECTED (2035) - 7,600

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- GARRETT COUNTY LINE 6

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1	I 68	National Freeway; Lower New Germany Road bridge 1104103 to MD 546 bridge 1101200; safety and resurface	5,460	Completed
2	MD 135	Maryland Highway; MD 135C to Chestnut Grove Road; resurface	2,321	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
3		At various locations in Garrett county; resurface	6,080	Under construction
4		Various locations in Garrett County; resurface	5,797	Under construction
5	MD 38	Kitzmilller Road; Vindex Road to MD 135; mill and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,963	FY 2017
6	US 40 AL	National Pike; US 219 to Green Lantern Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,161	Under construction
7	I 68	National Freeway; East of US 219 to east of Shade Hollow; resurface	4,658	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
8	I 68	National Freeway; Bridges 1101900, 1103200, 1103903/904, 1105200, 1105303, 1105304 on National Freeway; clean/paint bridges	2,251	Under construction
9	MD 546	Finzel Road; Bridge 1101200 over I-68; bridge deck replacement	3,769	Under construction

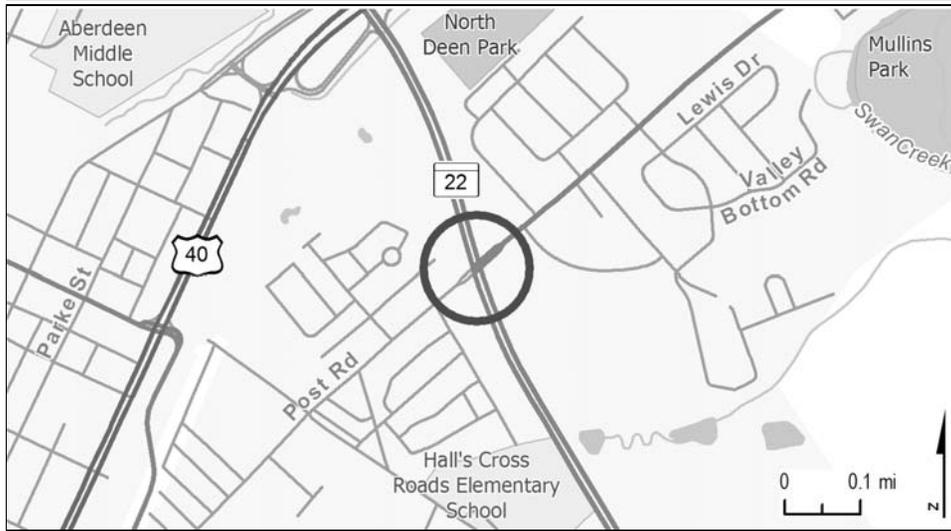
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- GARRETT COUNTY LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
10	MD 135	Maryland Highway; Upper Savage Wood Yard entrance; drainage improvement	188	FY 2017
<u>Urban Reconstruction</u>				
11	US 219	Garrett Highway; MD 135 to 325 ft north of East Orchid Street; urban reconstruction (Funded for preliminary engineering)	2,507	Design Underway



HARFORD COUNTY



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at Old Post Road. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at MD 22 and Old Post Road. It will also improve access to Aberdeen Proving Grounds (APG) to support BRAC expansion.

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 Beards Hill Road (Line 2)
 MD 22, at MD 462 (Line 3)

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

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

EXPLANATION: This project includes intersection capacity improvements. The improvements will address operational and safety concerns and provide improved access to APG. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	1,836	1,370	441	25	0	0	0	0	0	466	
Construction	7,645	6,071	1,574	0	0	0	0	0	0	1,574	
Total	9,481	7,441	2,015	25	0	0	0	0	0	2,040	
Federal-Aid	7,292	5,621	1,646	25	0	0	0	0	0	1,671	

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 24,000
 PROJECTED (2035) - 33,700



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at Beards Hill Road. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at the MD 22 and Beards Hill Road intersection. It will improve access to the Aberdeen Proving Grounds and commercial activities in the area.

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 (Line 1)
 MD 22, at MD 462 (Line 3)

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

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

EXPLANATION: This project includes intersection improvements to accommodate growth from BRAC. The improvement will address operational and safety concerns, support freight movement, and provide improved access to the Aberdeen Proving Grounds. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

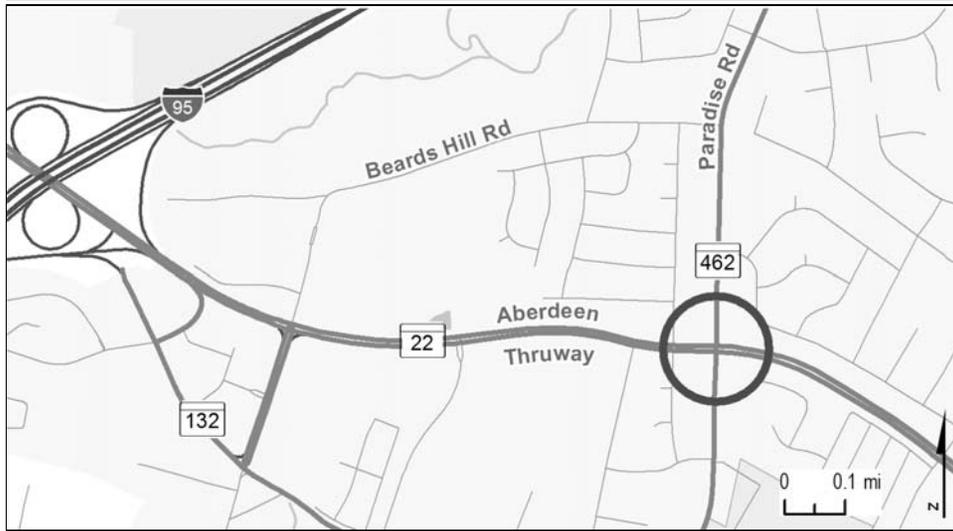
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9	9	0	0	0	0	0	0	0	0
Right-of-way	5,581	4,558	585	438	0	0	0	0	1,023	0
Construction	10,956	4,244	6,712	0	0	0	0	0	6,712	0
Total	16,546	8,811	7,297	438	0	0	0	0	7,735	0
Federal-Aid	13,371	7,068	5,954	349	0	0	0	0	6,303	0

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 33,000
 PROJECTED (2035) - 40,600



PROJECT: MD 22, Aberdeen Thruway

DESCRIPTION: Intersection improvements at MD 462 (Paradise Road). (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations at the MD 22 and MD 462 intersections and provide improved access to the Aberdeen Proving Grounds.

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 (Line 1)
 MD 22, at Beards Hill Road (Line 2)

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

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

EXPLANATION: This project includes intersection improvements to accommodate growth from BRAC. The improvement will address operational and safety concerns, support freight movement, and provide improved access to the Aberdeen Proving Grounds. This project supports economic development in and around APG in Harford County.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	8,793	7,829	503	461	0	0	0	0	964	0	
Construction	11,067	3,111	5,410	2,546	0	0	0	0	7,956	0	
Total	19,860	10,940	5,913	3,007	0	0	0	0	8,920	0	
Federal-Aid	16,373	10,049	4,173	2,151	0	0	0	0	6,324	0	

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,500
 PROJECTED (2035) - 44,500



PROJECT: US 40. Pulaski Highway

DESCRIPTION: Construct intersection improvements on US 40 at the MD 7/MD 159 (Phase 2) to support the Base Realignment and Closure (BRAC) initiative.

PURPOSE & NEED SUMMARY STATEMENT: Improve capacity at the intersection of US 40 with MD 7 and MD 159, in an effort to improve access to the Aberdeen Proving Grounds.

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: The project includes capacity and geometric improvements that will improve safety and operations of the intersection. The intersection is a major access point to the Aberdeen Proving Grounds and Aberdeen's surrounding industrial park area.

STATUS: Construction underway. City of Aberdeen contributed \$0.1 million towards construction and Harford County contributed \$3.4 million towards construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.8 million is due to revised maintenance of traffic, additional soil work, and additional Right-of-Way acquisitions. Construction is delayed from FY16 to FY17 due to the acquisition of necessary environmental permits.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	3,181	1,876	1,095	210	0	0	0	0	1,305	0
Construction	17,901	13	4,191	6,661	7,036	0	0	0	17,888	0
Total	21,082	1,889	5,286	6,871	7,036	0	0	0	19,193	0
Federal-Aid	14,102	1,342	3,309	4,692	4,759	0	0	0	12,760	0

CLASSIFICATION:

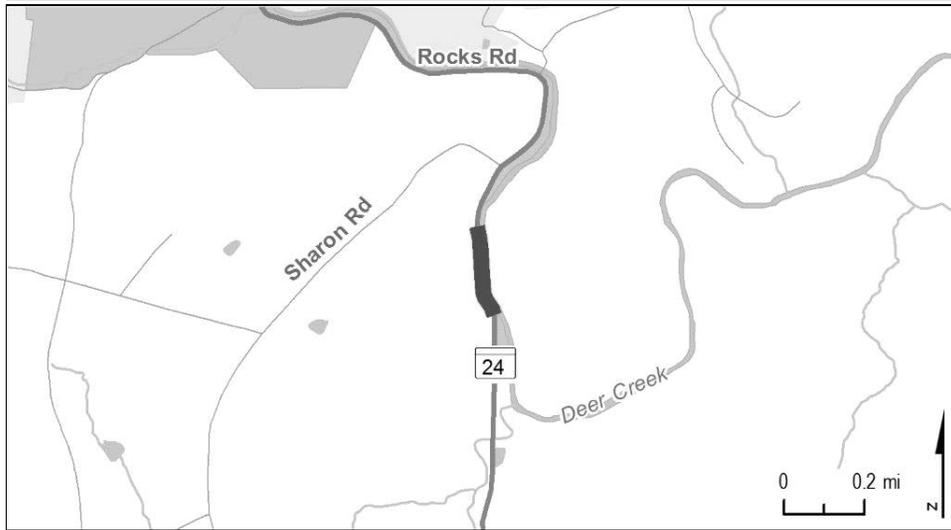
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 27,000

PROJECTED (2035) - 57,000



PROJECT: MD 24, Rocks Road

DESCRIPTION: MD 24 will be resurfaced and reconstructed including slope repair and guardrail replacement. This is the southern section (Section G) which extends from 900 feet south of Sharon Road to 1,700 feet north of Ferncliff Lane.

JUSTIFICATION: The purpose of these projects is to improve the road safety by remediating the slope supporting MD 24, repairing the pavement, improving roadway drainage and addressing roadside safety concerns.

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: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW				SIX YEAR TOTAL	BALANCE TO COMPLETE
					FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,375	695	350	330	0	0	0	0	680	0
Right-of-way	82	0	0	0	82	0	0	0	82	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,457	695	350	330	82	0	0	0	762	0
Federal-Aid	1,020	515	260	245	0	0	0	0	505	0

CLASSIFICATION:

STATE - Major Collector

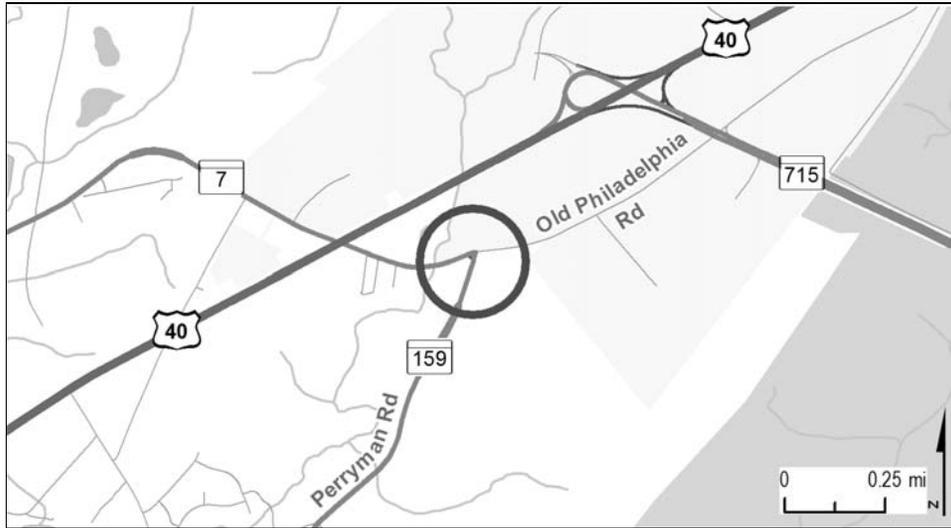
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 4,100

PROJECTED (2035) - 7,750



PROJECT: MD 159, Philadelphia Road Improvement Project

DESCRIPTION: Study to provide improved access from the Perryman Peninsula to the state road network. The final recommendation was a proposed one lane roundabout at MD 159 and Old Philadelphia Road. (BRAC Related)

JUSTIFICATION: This project would improve access to the planned growth area of the Perryman Peninsula and improve the safety and operation of the area road network. This project includes the transfer of MD 159 to the County after construction.

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:
 US 40, at MD 7/MD 159 (Phase 2) (Line 4)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	248	248	0	0	0	0	0	0	0	0
Engineering	138	138	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	386	386	0	0	0	0	0	0	0	0
Federal-Aid	106	106	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Collector

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 6,700

PROJECTED (2035) - 18,200



PROJECT: US 1, Belair Road

DESCRIPTION: Study to reconstruct US 1 to a multilane highway from MD 152 to the Hickory Bypass (5.5 miles). Sidewalks will be included where appropriate and shoulders will accommodate bicycles.

JUSTIFICATION: This project would improve the safety and operations on US 1.

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 complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,270	2,270	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	286	286	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,556	2,556	0	0	0	0	0	0	0	0
Federal-Aid	979	979	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermed./Minor Arterial

FEDERAL - Freeway/Expressway

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 34,200

PROJECTED (2035) - 54,100

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 8

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		At various locations in Harford County - west of US 1; resurface	8,037	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
2		At various locations in west Harford County; mill and resurface	14,172	Under construction
3		At various locations in east Harford County; mill and resurface	13,540	Under construction
4		At various locations in Harford County east of US 1; resurface	8,101	Under construction
5	MD 7	Philadelphia Road; MD 24 to Abington Road; safety and resurface	2,018	Under construction
6	MD 22	Churchville Road; Prospect Mill Road to MD 136; resurface	7,493	FY 2017
7	US 40 EB	Pulaski Highway; Long Bar Harbor to Spesutia Road; safety and resurface	4,741	Under construction
8	MD 924	Emmorton Road; St Clair Drive to Holly Wreath Court; resurface	1,700	Under construction
		<u>Bridge Replacement/Rehabilitation</u>		
9		11 bridges on Churchville Road, Vietnam Veterans Memorial Hwy, Ady Road, Prospect Road; clean/paint bridges	3,089	FY 2017
		<u>Safety/Spot Improvement</u>		
10	MD 623	Castleton Road; Franklin Church Road to Glen Cove Road; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,288	FY 2018

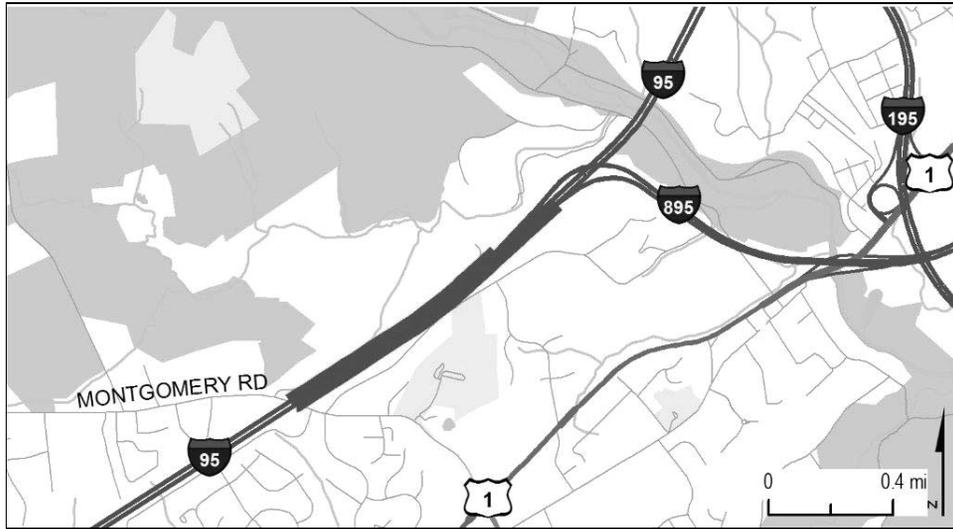
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HARFORD COUNTY LINE 8 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Urban Reconstruction</u>				
11	MD 755	Edgewood Road; Willoughby Beach Road to MARC Station; pedestrian safety and drainage improvements (Transportation Infrastructure Investment Act of 2013)	5,559	Under construction
<u>TMDL Compliance</u>				
12		Tree establishment in various locations in Harford county; landscape	1,658	FY 2018
13		Tree planting at various locations in Harford County; landscape (Transportation Infrastructure Investment Act of 2013)	798	Under construction



HOWARD COUNTY



PROJECT: I-95

DESCRIPTION: Construct a noisewall along I-95, from the Montgomery Road overpass to the I-895 interchange.

PURPOSE & NEED SUMMARY STATEMENT: This project will reduce noise generated by traffic along I-95 in the Lawyers Hill community.

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:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input checked="" type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project will reduce noise generated by traffic on I-95, from the Montgomery Road overpass to I-895 in the Lawyers Hill community.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,319	1,319	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	11,011	1,603	6,473	2,935	0	0	0	0	0	9,408	0	0
Total	12,330	2,922	6,473	2,935	0	0	0	0	0	9,408	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Urban Interstate

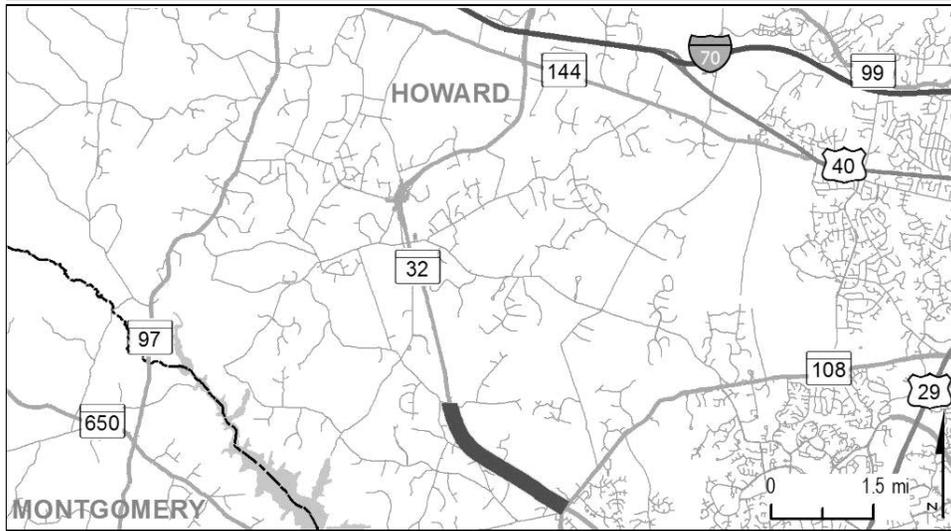
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 197,000

PROJECTED (2035) - 235,500



PROJECT: MD 32, Sykesville Road

DESCRIPTION: Widen MD 32 from MD 108 to Linden Church Road from two lanes to a four lane divided roadway.

PURPOSE & NEED SUMMARY STATEMENT: This project would address congestion and safety problems which have been experienced as a result of increasing traffic volumes on the existing two lane roadway.

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 32, Linden Church Road to I-70 (Line 3)

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

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

EXPLANATION: This project will relieve traffic congestion and address safety concerns along MD 32 in the Columbia area.

STATUS: Engineering underway. Construction to begin during current fiscal year. County is contributing \$16.5 million to this project.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$2.2 million is due to a more detailed engineer's estimate and the addition of Right-of-Way needs.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,300	1,500	800	0	0	0	0	0	800	0
Right-of-way	1,003	1,003	0	0	0	0	0	0	0	0
Construction	31,937	0	2,830	12,121	16,001	985	0	0	31,937	0
Total	35,240	2,503	3,630	12,121	16,001	985	0	0	32,737	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

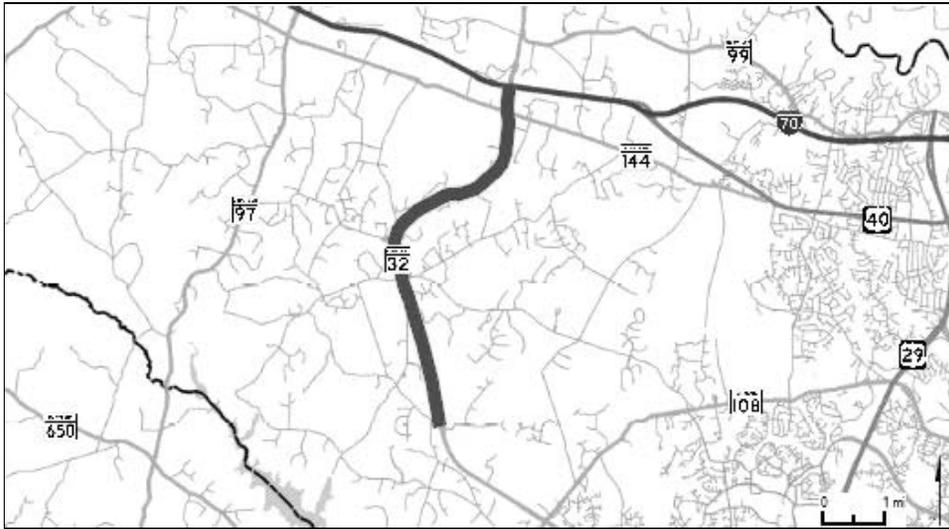
STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,400

PROJECTED (2035) - 47,500



PROJECT: MD 32, Patuxent Freeway

DESCRIPTION: Construct capacity and safety improvements along MD 32 from north of Linden Church Road to I-70. (6.6 miles)

PURPOSE & NEED SUMMARY STATEMENT: This project will address congestion and safety problems which have been experienced as a result of increasing traffic volumes on the existing two lane roadway.

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 32, MD 108 to Linden Church Road (Line 2)

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

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

EXPLANATION: This project will relieve traffic congestion and address safety concerns along MD 32 in Howard County.

STATUS: Engineering and Right-of-Way underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$9.5 million is due to additional Right-of-Way acquisitions.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,657	3,657	0	0	0	0	0	0	0	0	
Engineering	5,766	2,066	2,000	1,400	300	0	0	0	3,700	0	
Right-of-way	23,198	2,155	4,586	4,600	5,771	3,134	2,952	0	21,043	0	
Construction	90,385	0	0	0	10,820	25,951	29,374	24,240	90,385	0	
Total	123,006	7,878	6,586	6,000	16,891	29,085	32,326	24,240	115,128	0	
Federal-Aid	89,299	3,623	2,341	3,588	12,940	22,686	25,215	18,906	85,676	0	

CLASSIFICATION:

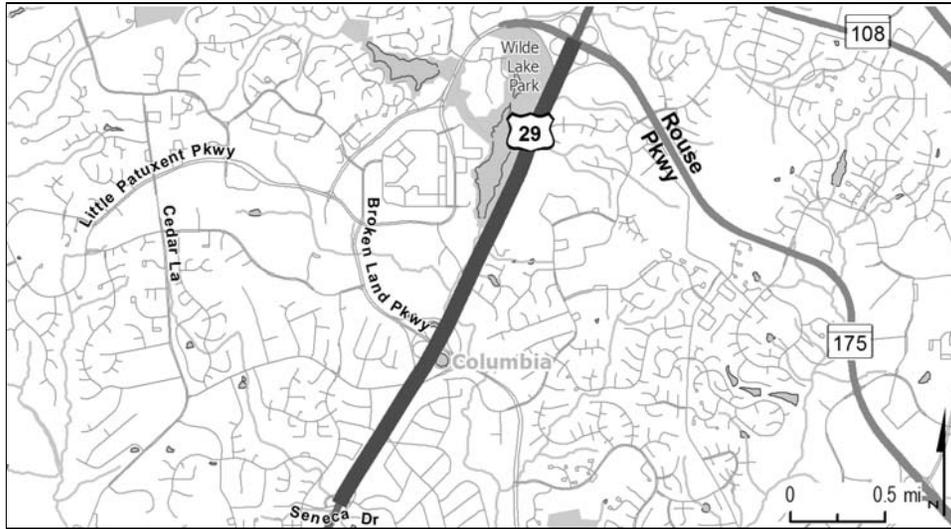
STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,400

PROJECTED (2035) - 47,500



PROJECT: US 29, Columbia Pike

DESCRIPTION: Widen the northbound section of US 29 from Seneca Drive to MD 175 (Phase 1B) from 2 to 3 lanes (2.8 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently three lanes.

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:
 US 29, Middle Patuxent River to Seneca Drive (Line 6)

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

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

EXPLANATION: This project will relieve traffic congestion on this major north-south commuter route. This project will promote economic development in Howard County.

STATUS: Construction underway. County funded \$2.0 million for Engineering.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER									
PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	6,430	6,430	0	0	0	0	0	0	0	0	
Right-of-way	1,779	1,234	314	231	0	0	0	0	545	0	
Construction	26,880	19,364	7,516	0	0	0	0	0	7,516	0	
Total	35,089	27,028	7,830	231	0	0	0	0	8,061	0	
Federal-Aid	2,728	2,645	83	0	0	0	0	0	83	0	

CLASSIFICATION:

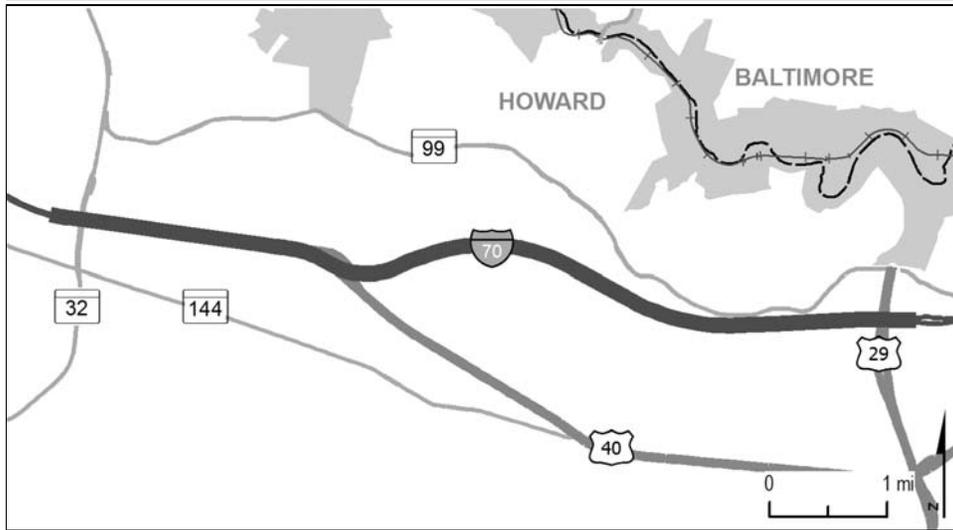
STATE - Principal Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 45,600

PROJECTED (2035) - 59,425



PROJECT: I-70

DESCRIPTION: Study to address current and future capacity needs on I-70 between MD 32 and US 29 (6.0 miles).

JUSTIFICATION: This project will ease increasing congestion and improve safety along this segment of I-70.

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:
 Marriottsville Road, US 40 to MD 99 (County Project)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	858	858	0	0	0	0	0	0	0	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	858	858	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

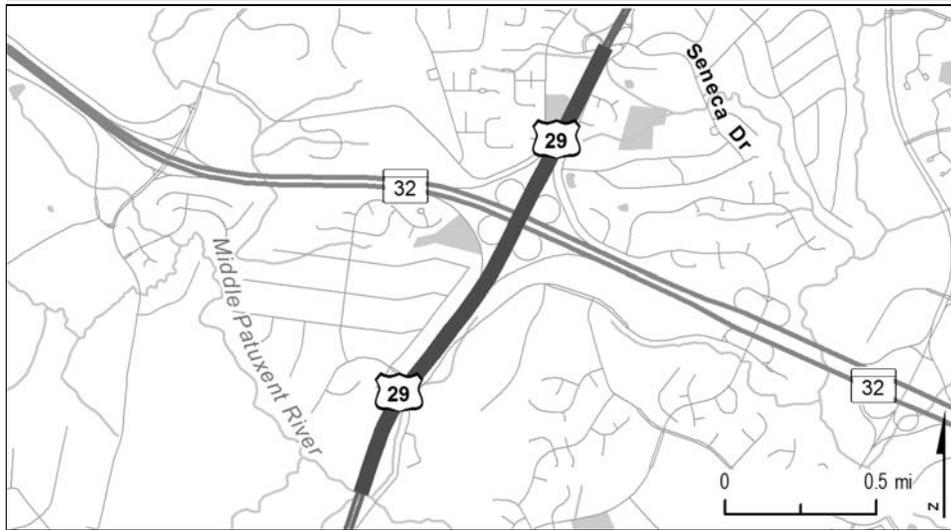
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 82,500

PROJECTED (2035) - 116,300



PROJECT: US 29, Columbia Pike

DESCRIPTION: Widen the northbound section of US 29 from the Middle Patuxent River to Seneca Drive (Phase 2) from 2 to 3 lanes (1.7 miles).

JUSTIFICATION: This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently three lanes.

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:
 US 29, Seneca Drive to MD 175 (Line 4)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,624	831	888	905	0	0	0	0	1,793	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	2,624	831	888	905	0	0	0	0	1,793	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

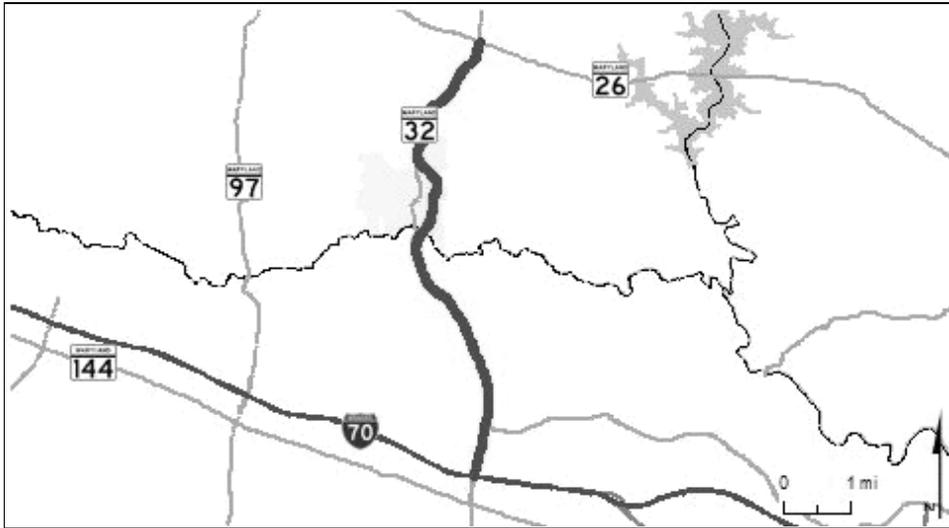
STATE - Principal Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 44,000

PROJECTED (2035) - 61,750



PROJECT: MD 32, Sykesville Road

DESCRIPTION: Planning study to determine potential safety and capacity improvements on MD 32 from MD 26 (Liberty Road) to I-70 (7.5 miles).

JUSTIFICATION: Road connects high growth area of Carroll County with growing job markets in Howard County and around Fort Meade.

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 32, MD 108 to Linden Church Road (Line 2)
 MD 32, Linden Church Road to I-70 (Line 3)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,250	450	800	0	0	0	0	0	800	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	1,250	450	800	0	0	0	0	0	800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

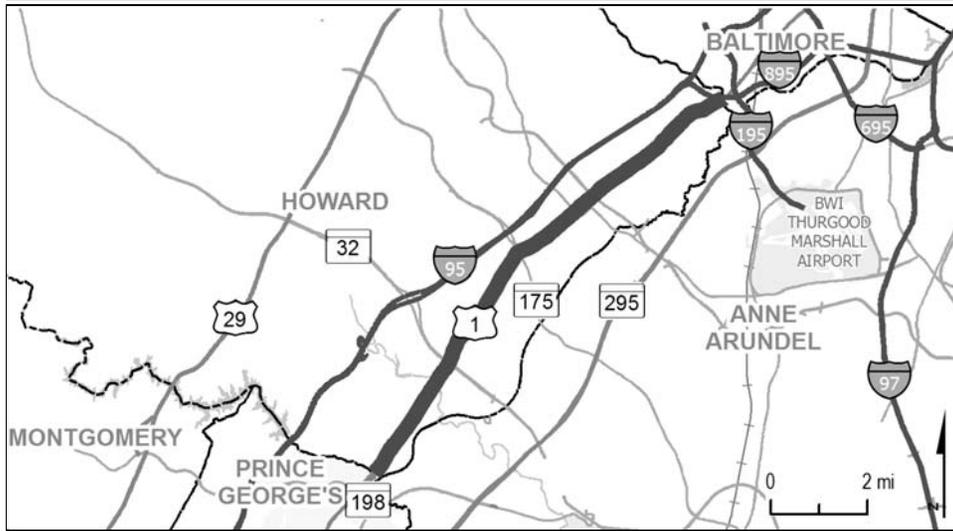
FEDERAL - Minor Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 35,200

PROJECTED (2035) - 44,000



PROJECT: US 1, Washington Boulevard

DESCRIPTION: Study to identify potential improvements along the US 1 corridor from the Prince George's County line to the Baltimore County line, including potential interchange improvements at MD 175 (11.0 miles).

JUSTIFICATION: Improvements identified as a result of this study will provide a blueprint for future state, local and developer projects, so the corridor can be developed in a manner consistent with the County's overall vision plan, and accommodate existing and future travel demand for all users.

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: Feasibility study complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,044	1,044	0	0	0	0	0	0	0	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	1,044	1,044	0	0	0	0	0	0	0	0
Federal-Aid	837	837	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 42,750

PROJECTED (2035) - 55,150

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Bridge Replacement/Rehabilitation</u>				
1	MD 175	Waterloo Road; Bridge Numbers 1306103 and 1306104 over I-95; clean/paint bridges	1,294	Completed
<u>Safety/Spot Improvement</u>				
2	MD 32	Sykesville Road; Day Road to West Friendship Road; geometric improvements (Transportation Infrastructure Investment Act of 2013)	5,833	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
3		At various locations in Howard county; mill and resurface	17,027	FY 2017
4		At various locations in Howard County; resurface	17,825	Under construction
5	US 29 NB	Columbia Pike; Middle Patuxent River to 500 ft north of MD 32; safety and resurface	1,155	FY 2017
6	MD 32 NB	Patuxent Parkway; Structure 13114 over Middle Patuxent River to north of MD 108; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,890	FY 2017
7	MD 32 SB	Patuxent Parkway; North of MD 108 to structure 13114 over Middle Patuxent River; resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,071	FY 2017
8	US 40	Baltimore National Pike; East of St. John's Lane to structure 13032; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,908	Under construction
9	I 70 EB	Marriottsville Road to Baltimore County line; safety and resurface	3,267	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
10		Bridge 1301603/04, 1305601/02, 1307603/04, 1310003/04 on I-95 and MD 32; clean/paint bridges	2,059	FY 2017
11		Various bridges on or over MD 32; clean/paint bridges	1,118	FY 2017
12		At various locations on US 29, MD 216, I-95, MD 175; clean/paint bridges	880	Under construction
13	MD 32	Patuxent Parkway; Bridge 1310103, 1013104, 1310200, 1310300, 1311403, 1311404 on Patuxent Parkway; clean/paint bridges	708	FY 2017
<u>Safety/Spot Improvement</u>				
14	US 29	Columbia Pike; MD 32 to MD 175; lighting Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,087	FY 2017
15	US 29 NB	Columbia Pike; at MD 175; geometric improvements	2,500	FY 2017
16	MD 32	Sykesville Road; Wellworth Way access - Access management for MD 32 corridor; safety/spot improvements	277	Under construction
17	US 40	Baltimore National Pike; at Rogers Avenue; geometric improvements	555	Under construction
18	MD 97	Roxbury Mills Road; at Burntwoods Road; geometric improvements	2,437	FY 2017
<u>Traffic Management</u>				
19	US 29	Columbia Pike; at MD 108, MD 103 and US 40; lighting	5,428	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Environmental Preservation</u>				
20	I 95	IRVM, VEG MGMT - Howard/Baltimore County line to MD 216 - Phase 1; landscape	3,493	FY 2017
<u>TMDL Compliance</u>				
21		Furnace Avenue Tributary; wetlands replacement	497	FY 2017



KENT COUNTY

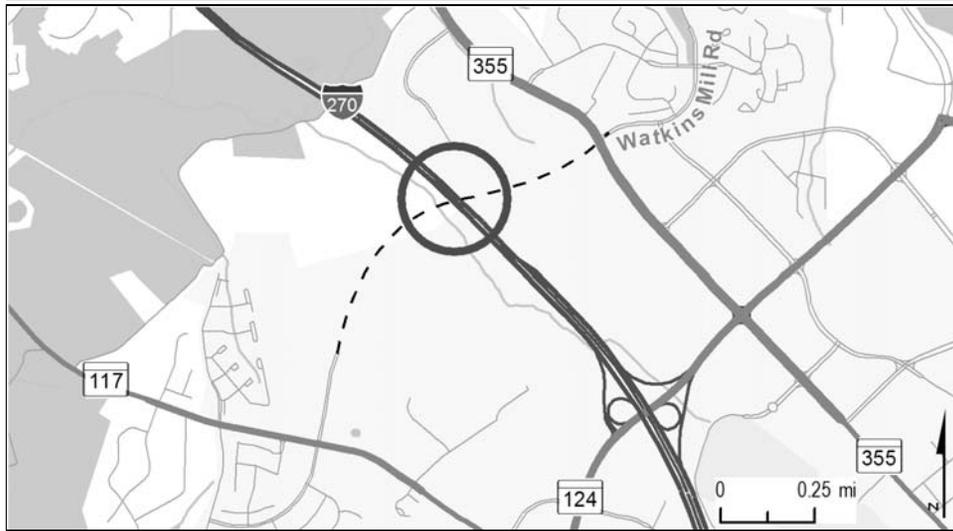
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- KENT COUNTY LINE 1

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Kent County; mill and resurface	5,645	FY 2017
2		At various locations in Kent County; resurface	6,440	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
3	MD 213	Maple Avenue; Bridge 1402700 over Chester River; clean/paint bridges	1,679	FY 2017
<u>Urban Reconstruction</u>				
4	MD 291	Cypress Street; west of School Street to east of Crane Street; 2 lane urban reconstruction	5,831	FY 2018



MONTGOMERY COUNTY



PROJECT: I-270, Eisenhower Highway

DESCRIPTION: Construct a new I-270 interchange at Watkins Mill Road. Bicycle and pedestrian improvements will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project will support economic development and reduce existing congestion at the I-270/MD 124 interchange and the MD 355/MD 124 intersection. It will provide access from I-270 to Metropolitan Grove MARC Station.

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:

- I-270 and US 15, Planning Study (Line 14)
- I-270, Innovative Congestion Management (Line 2)

EXPLANATION: The new interchange will provide new access points to I-270 and provide for additional east-west access for all roadway users while reducing congestion on existing nearby interchange ramps and parallel roadways. This interchange also supports planned growth and economic development in the vicinity.

STATUS: Right-of-Way underway. Construction to begin during budget fiscal year. County contributed \$4.9 million towards Engineering.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Construction delayed from FY17 to FY18 due to coordination with I-270 Innovative Congestion Management project.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,177	1,177	0	0	0	0	0	0	0	0
Engineering	9,642	9,642	0	0	0	0	0	0	0	0
Right-of-way	10,289	7,056	68	1,096	1,096	973	0	0	3,233	0
Construction	108,634	3	0	30,422	42,317	35,892	0	0	108,631	0
Total	129,742	17,878	68	31,518	43,413	36,865	0	0	111,864	0
Federal-Aid	14,930	11,697	68	1,096	1,096	973	0	0	3,233	0

CLASSIFICATION:

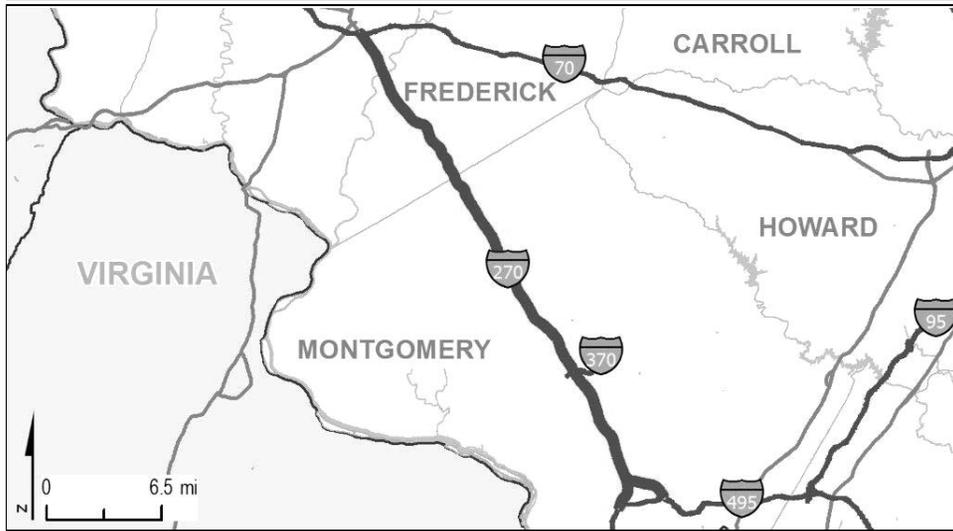
STATE - Principal Arterial
 FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 162,000

PROJECTED (2035) - 182,000



PROJECT: I-270, Eisenhower Highway

DESCRIPTION: Pilot implementation of Innovative Congestion Management (ICM) tools to reduce congestion on I-270, including the east and west spurs (31.5 miles). Final project limits and improvements to be determined.

PURPOSE & NEED SUMMARY STATEMENT: This project will reduce congestion and improve safety and reliability.

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-270, Interchange at Watkins Mill Road (Line 1)
 I-270 and US 15, Planning Study (Line 14)

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

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

EXPLANATION: As one of Maryland's most heavily traveled roadways, I-270 congestion affects both motorist safety and the economy. These improvements will reduce congestion and improve safety and reliability for all roadway users.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				YEAR 2019	YEAR 2020			YEAR 2021	YEAR 2022
Planning	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,000	1,500	1,500	0	0	0	0	0	0	0	0	1,500	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	97,000	0	5,949	18,462	26,513	26,546	19,530	0	97,000	0	0	0	0
Total	100,000	1,500	7,449	18,462	26,513	26,546	19,530	0	98,500	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

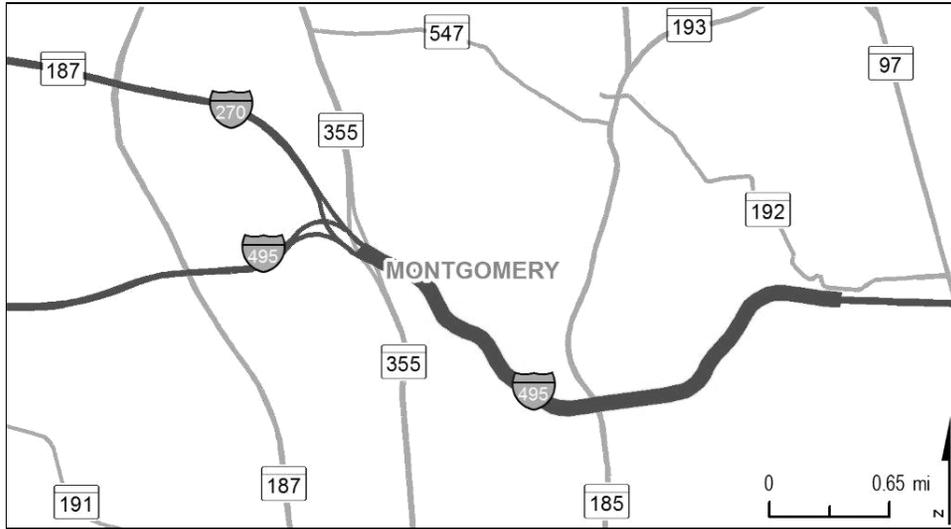
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 87,400 - 252,000

PROJECTED (2030) - 98,000 - 272,000



PROJECT: I-495, Capital Beltway

DESCRIPTION: Resurface I-495 from I-270Y to Seminary Road (Inner Loop) (5.9 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project enhances the longevity of the roadway surface.

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: The resurfacing will extend the lifespan of the roadway, while enhancing the quality of travel along the corridor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	344	344	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	9,753	5	7,606	2,142	0	0	0	0	9,748	0
Total	10,097	349	7,606	2,142	0	0	0	0	9,748	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

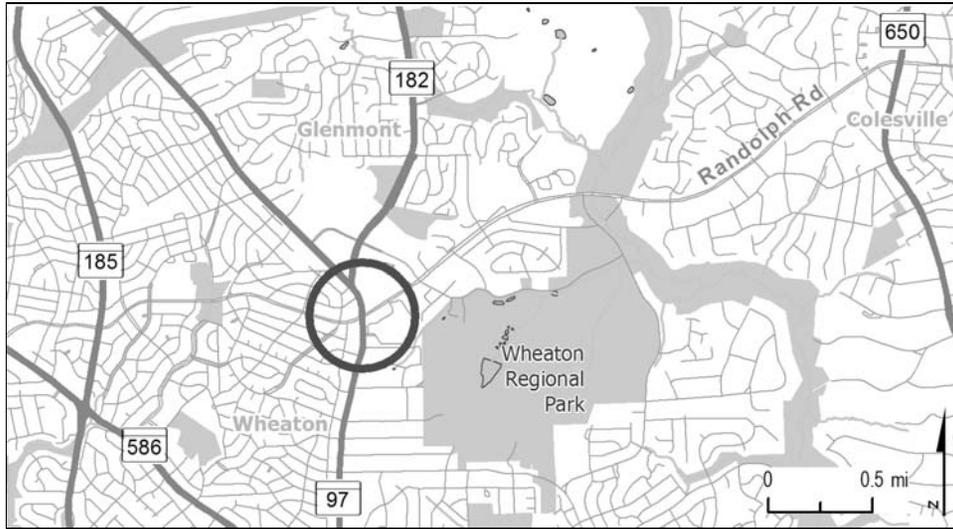
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 103,000 -230,000

PROJECTED (2035) - 110,000 - 240,000



PROJECT: MD 97, Georgia Avenue

DESCRIPTION: Construct new MD 97 interchange at Randolph Road (1.0 miles). Sidewalks will be included where appropriate. Wide curb lanes will accommodate bicycles.

PURPOSE & NEED SUMMARY STATEMENT: This project will reduce congestion and improve safety at the existing intersection.

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 grade-separation project will reduce travel times along both Randolph Road and MD 97 (Georgia Avenue) and improve safety by separating through movements. The new interchange will also provide new sidewalks and wide curb lanes to safely accommodate all roadway users.

STATUS: Construction underway. County contributed \$14.4 million for Right-of-Way and Advanced Utilities.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,097	1,097	0	0	0	0	0	0	0	0	0
Engineering	6,019	6,019	0	0	0	0	0	0	0	0	0
Right-of-way	26,387	22,184	3,503	700	0	0	0	0	0	4,203	0
Construction	44,514	23,568	20,946	0	0	0	0	0	0	20,946	0
Total	78,017	52,868	24,449	700	0	0	0	0	0	25,149	0
Federal-Aid	46,325	26,760	19,565	0	0	0	0	0	0	19,565	0

CLASSIFICATION:

STATE - Intermediate Arterial

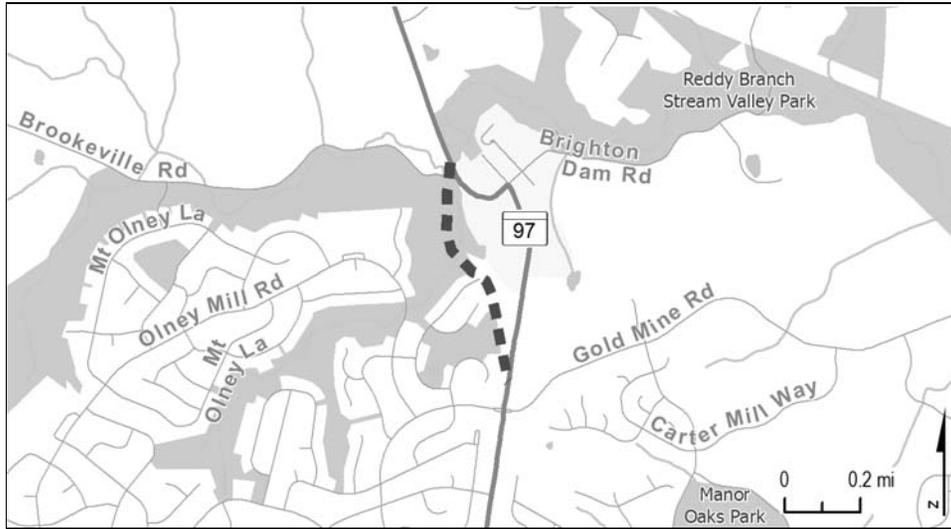
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 49,000 (MD 97)
30,000 (Randolph Road)

PROJECTED (2035) - 59,100 (MD 97)
41,000 (Randolph Road)



PROJECT: MD 97, Georgia Avenue

DESCRIPTION: Construct a two lane highway from south of Brookeville, near Gold Mine Road, to north of Brookeville. Shoulders will accommodate bicycles (0.7 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project would reduce traffic congestion in the Town of Brookeville and improve traffic operations and safety on existing MD 97.

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 project will improve safety and operations for both through and local roadway users.

STATUS: Construction to begin during current fiscal year. County contributed \$10.0 million towards Engineering and Right-of-Way.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:

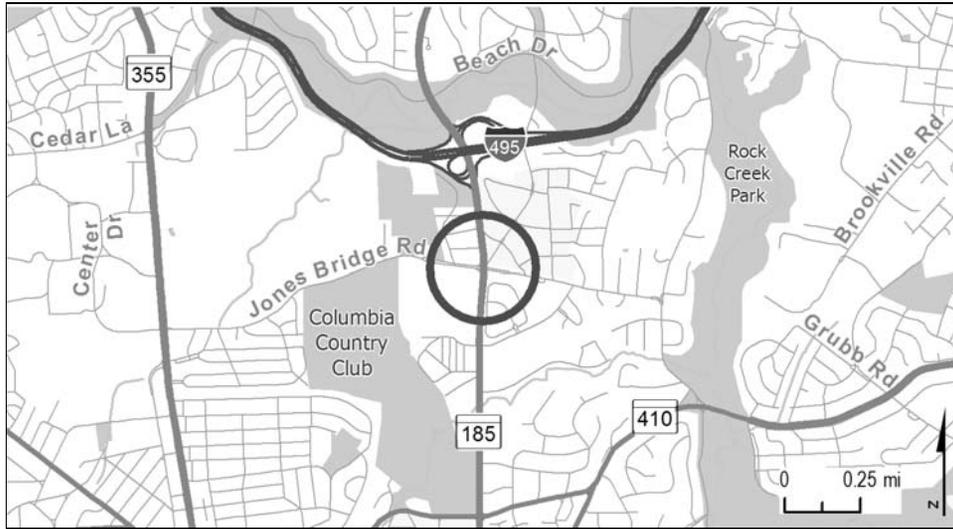
PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	2,064	2,064	0	0	0	0	0	0	0	0	0	0
Engineering	3,775	3,525	250	0	0	0	0	0	0	0	250	0
Right-of-way	6,225	14	1,500	1,711	1,374	1,626	0	0	0	0	6,211	0
Construction	30,707	30	8,907	15,396	6,374	0	0	0	0	0	30,677	0
Total	42,771	5,633	10,657	17,107	7,748	1,626	0	0	0	0	37,138	0
Federal-Aid	1,594	1,594	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 11,200
 PROJECTED (2035) - 14,000



PROJECT: MD 185, Connecticut Avenue

DESCRIPTION: Construct intersection improvements on MD 185 at Jones Bridge Road (Phase 3). Bicycle and pedestrian facilities will be provided where appropriate. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: Improved access to Naval Support Activity Bethesda is vital to accommodate increased employment as a result of BRAC. This project will improve safety, capacity, and operations.

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 187, at West Cedar Lane (Line 7)
- MD 320, at Sligo Creek (Line 10)
- MD 355, at Cedar Lane (Phase 1 and 2) (Line 12)
- MD 355, Woodmont Avenue to South Wood Road (Line 13)

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

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

EXPLANATION: Improvements in the vicinity of Naval Support Activity Bethesda are vital to support the congressionally authorized BRAC initiative. These improvements will reduce congestion and improve safety for all roadway users.

STATUS: Right-of-Way underway. This project is funded by the Office of Economic Adjustment.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$2.3 million is due to a reduced retaining wall relocation cost and reduced utility needs.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECT CASH FLOW				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	7,340	3,550	2,423	1,367	0	0	0	0	3,790	0
Construction	5,440	0	0	0	938	2,734	1,768	0	5,440	0
Total	12,780	3,550	2,423	1,367	938	2,734	1,768	0	9,230	0
Federal-Aid	12,780	3,550	2,423	1,367	938	2,734	1,768	0	9,230	0

CLASSIFICATION:

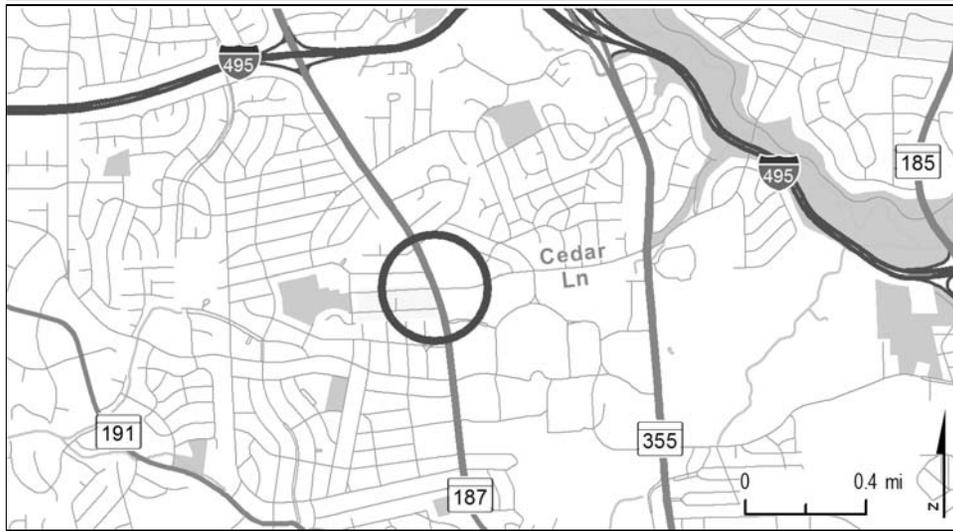
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 79,000

PROJECTED (2035) - 82,000



PROJECT: MD 187, Old Georgetown Road

DESCRIPTION: Construct intersection improvements at MD 187 at Oakmont Avenue/West Cedar Lane (1.0 miles). (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: Improved access to Naval Support Activity Bethesda is vital to accommodate increased employment as a result of BRAC. This project will improve safety, capacity, and operations.

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 (Line 6)
- MD 320, at Sligo Creek (Line 10)
- MD 355, at Cedar Lane (Phase 1 and 2) (Line 12)
- MD 355, Woodmont Avenue to South Wood Road (Line 13)

EXPLANATION: Improvements in the vicinity of Naval Support Activity Bethesda are vital to support the congressionally authorized BRAC initiative. These improvements will reduce congestion and improve safety for all roadway users.

STATUS: Right-of-Way underway. This project is funded by the Office of Economic Adjustment.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

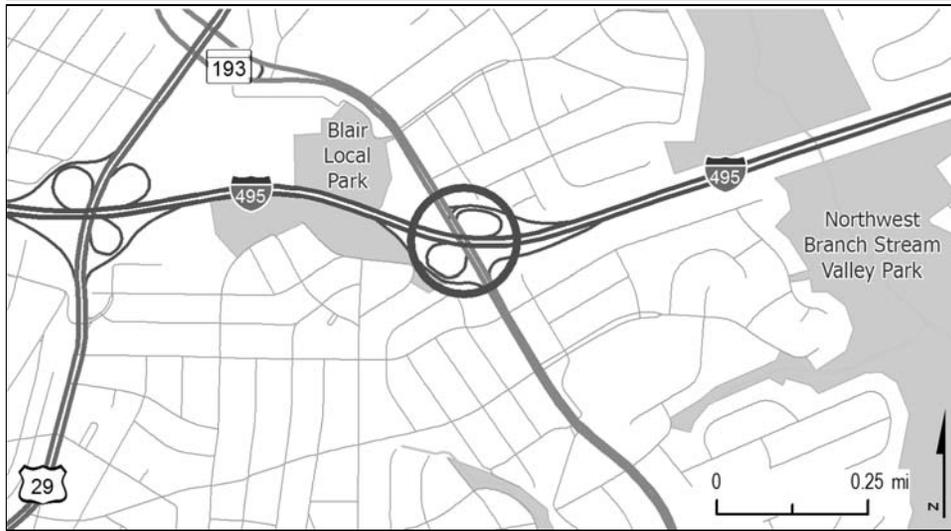
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER									
PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	950	791	87	72	0	0	0	0	0	159	
Construction	3,471	3,471	0	0	0	0	0	0	0	0	
Total	4,421	4,262	87	72	0	0	0	0	0	159	
Federal-Aid	4,105	4,092	7	6	0	0	0	0	0	13	

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 40,500 (MD 187)
 9,700 (West Cedar Lane)
PROJECTED (2035) - 46,100 (MD 187)
 11,000 (West Cedar Lane)



PROJECT: MD 193, University Boulevard

DESCRIPTION: Replace Bridge 15136 over I-495.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1958, is structurally deficient.

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/I-495, Capital Beltway Study (Line 15)

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

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

EXPLANATION: The existing structure is structurally deficient.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	763	763	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	10,699	10,320	379	0	0	0	0	0	0	379	0	
Total	11,462	11,083	379	0	0	0	0	0	0	379	0	
Federal-Aid	10,396	10,094	302	0	0	0	0	0	0	302	0	

CLASSIFICATION:

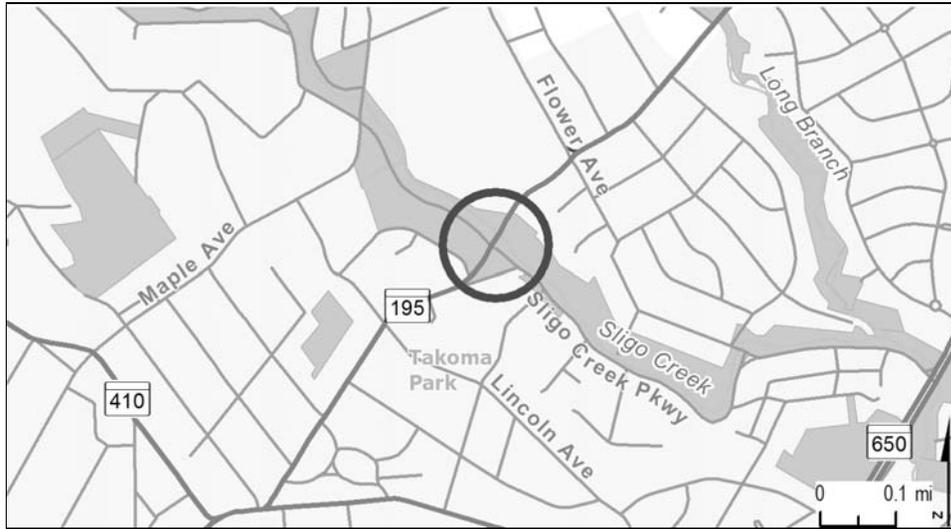
STATE - Intermediate
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 51,000

PROJECTED (2035) - 56,000



PROJECT: MD 195, Carroll Avenue

DESCRIPTION: Replace Bridge 15033 over Sligo Creek and Sligo Creek Parkway.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1932, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,146	1,136	10	0	0	0	0	0	0	10	0
Right-of-way	262	118	42	42	42	18	0	0	0	144	0
Construction	10,846	2,358	4,835	3,638	15	0	0	0	0	8,488	0
Total	12,254	3,612	4,887	3,680	57	18	0	0	0	8,642	0
Federal-Aid	9,484	2,775	3,839	2,870	0	0	0	0	0	6,709	0

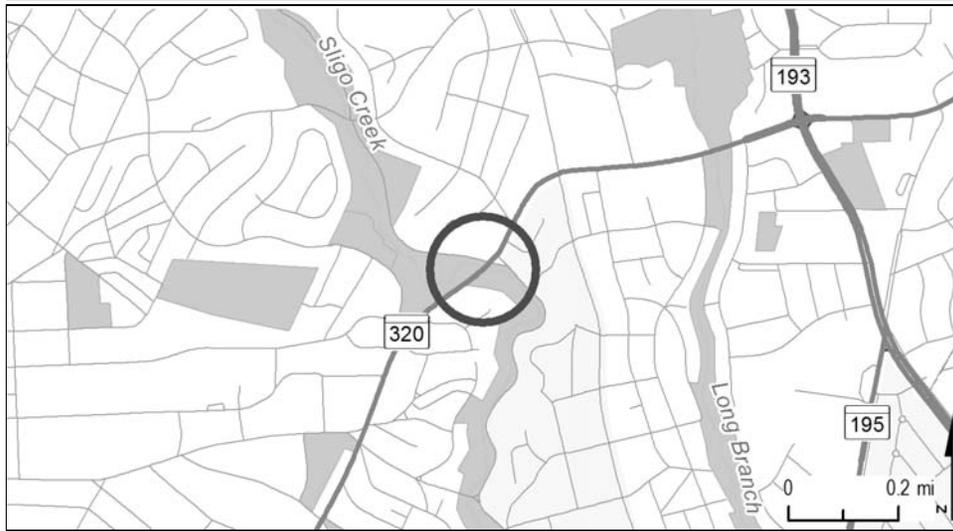
CLASSIFICATION:

STATE - Major Collector
 FEDERAL - Urban Minor Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 7,950

PROJECTED (2035) - 9,200



PROJECT: MD 320, Piney Branch Road

DESCRIPTION: This is a bicycle and pedestrian improvement project consisting of a new bridge over Sligo Creek which will improve safety and accessibility for trail users. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: Mitigation of BRAC Right-of-Way impacts to Maryland-National Capital Park and Planning Commission properties in Montgomery County.

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 (Line 6)
- MD 187, at West Cedar Lane (Line 7)
- MD 355, at Cedar Lane (Phase 1 and 2) (Line 12)
- MD 355, Woodmont Avenue to South Wood Road (Line 13)

EXPLANATION: These improvements are required as mitigation for Right-of-Way impacts to Maryland-National Capital Park and Planning Commission properties resulting from BRAC intersection improvements. The new facilities will improve safety and accessibility for trail users.

STATUS: Construction underway. The Office of Economic Adjustment is funding \$1.5 million for Construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

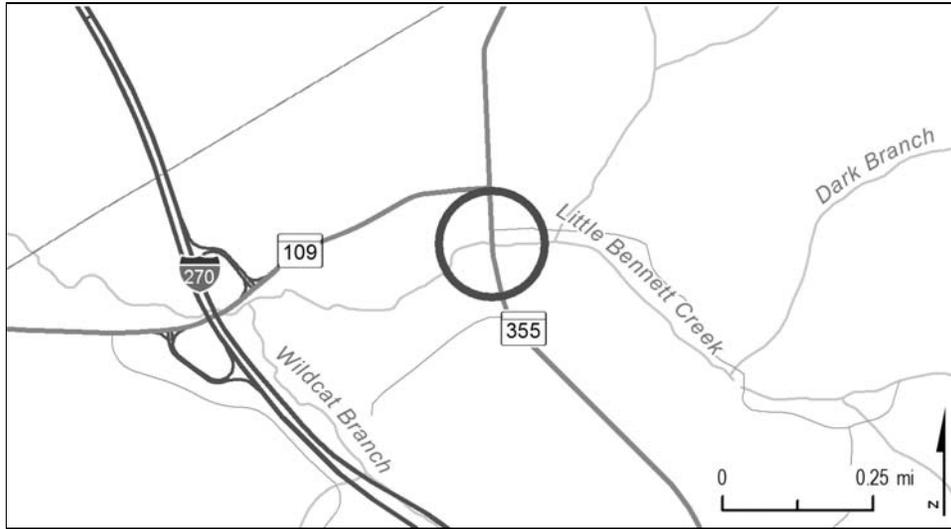
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	46	46	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	1,918	618	1,300	0	0	0	0	0	1,300	0
Total	1,964	664	1,300	0	0	0	0	0	1,300	0
Federal-Aid	1,892	1,892	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector
 FEDERAL - Urban Minor Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 21,000
 PROJECTED (2035) - 25,500



PROJECT: MD 355, Frederick Road

DESCRIPTION: Replace Bridge 15053 over Little Bennett Creek.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1925, is structurally deficient.

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: The existing structure is structurally deficient.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,215	540	450	225	0	0	0	0	675	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,000	0	1,420	2,580	0	0	0	0	4,000	0
Total	5,215	540	1,870	2,805	0	0	0	0	4,675	0
Federal-Aid	313	313	0	0	0	0	0	0	0	0

CLASSIFICATION:

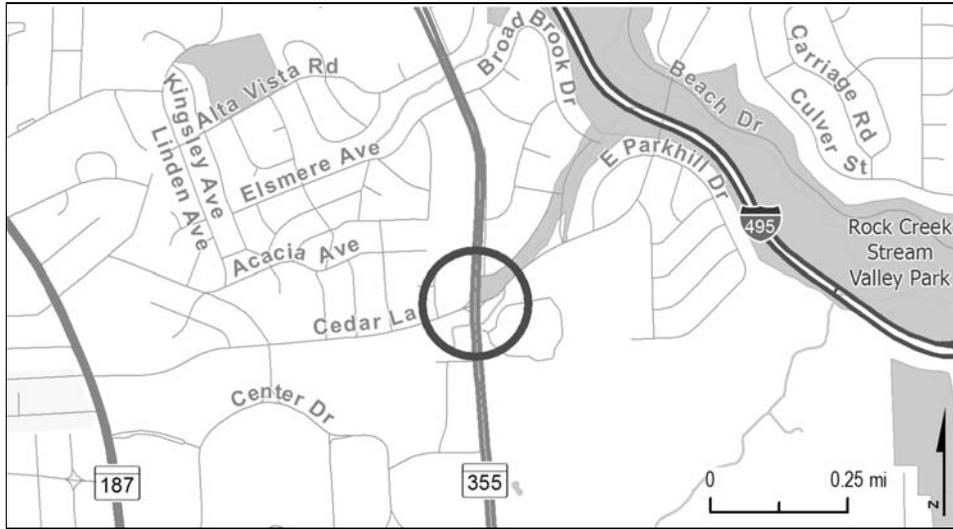
STATE - Major Collector
 FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 7,600

PROJECTED (2035) - 11,175



PROJECT: MD 355, Rockville Pike

DESCRIPTION: Construct intersection improvements on MD 355 at Cedar Lane (Phase 1 and 2) (1.0 miles). Bicycle and pedestrian facilities will be provided where appropriate. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: Improved access to Naval Support Activity Bethesda is a vital component to accommodate the increase in employment as a result of BRAC. This project will improve safety, capacity, and operations.

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 (Line 6)
- MD 187, at West Cedar Lane (Line 7)
- MD 320, at Sligo Creek (Line 10)
- MD 355, Woodmont Avenue to South Wood Road (Line 13)
- MD 355, Bus Rapid Transit Study (MTA Line 27)

EXPLANATION: Improvements in the vicinity of Naval Support Activity Bethesda are vital to support the congressionally authorized BRAC initiative. These improvements will reduce congestion and improve safety for all roadway users.

STATUS: Construction underway. The Office of Economic Adjustment is funding \$6.8 million for Construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	TOTAL EXPEND THRU 2016	TOTAL CURRENT YEAR 2017	TOTAL BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	2,163	953	126	1,000	84	0	0	0	0	1,210	0
Construction	14,029	12,368	1,661	0	0	0	0	0	0	1,661	0
Total	16,192	13,321	1,787	1,000	84	0	0	0	0	2,871	0
Federal-Aid	13,616	11,150	1,382	1,000	84	0	0	0	0	2,466	0

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 62,000
 PROJECTED (2035) - 70,000



PROJECT: MD 355, Rockville Pike

DESCRIPTION: Construct intersection improvements including upgrades to pedestrian/bicycle facilities, resurfacing, and geometric improvements from Woodmont Avenue/Glenbrook Parkway to Southwood Road/South Drive. (BRAC Intersection Improvements)

PURPOSE & NEED SUMMARY STATEMENT: Improved access to Naval Support Activity Bethesda is a vital component to accommodate the increase in employment as a result of BRAC. This project will improve safety, capacity, and operations.

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 (Line 6)
- MD 187, at West Cedar Lane (Line 7)
- MD 320, at Sligo Creek (Line 10)
- MD 355, at Cedar Lane (Phase 1 and 2) (Line 12)
- MD 355, Bus Rapid Transit Study, (MTA Line 27)

EXPLANATION: Improvements in the vicinity of the Naval Support Activity Bethesda are vital to support the congressionally authorized BRAC initiative. These improvements will reduce congestion and improve safety for all roadway users.

STATUS: Construction to begin during current fiscal year. Office of Economic Adjustments is contributing \$4.3 million towards construction. County will advertise and construct the project.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Construction delayed from FY16 to FY17 due to utility relocations.

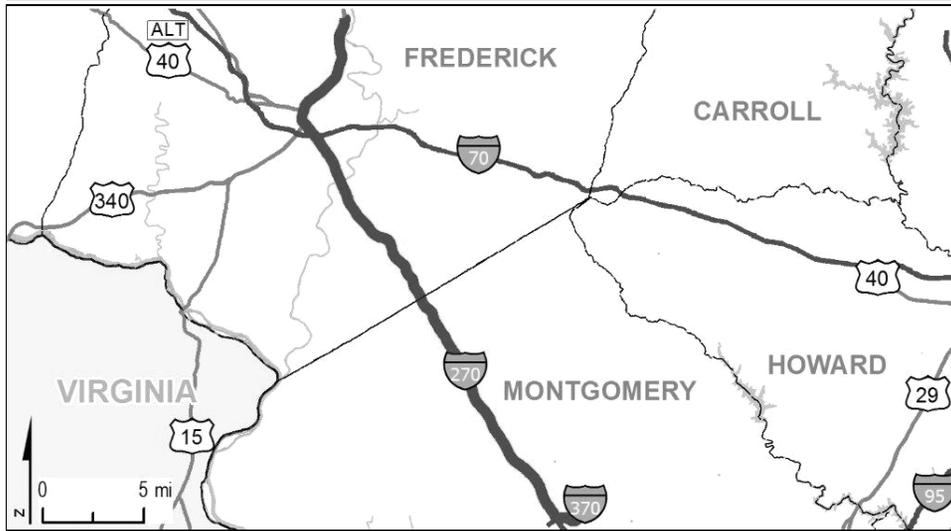
POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	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	4,299	0	444	1,409	1,571	875	0	0	4,299	0
Total	4,299	0	444	1,409	1,571	875	0	0	4,299	0
Federal-Aid	4,299	0	444	1,409	1,571	875	0	0	4,299	0

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 46,250
 PROJECTED (2035) - 52,000



PROJECT: I-270, Eisenhower Highway, and US 15, Frederick Freeway/Catoctin Mountain Highway

DESCRIPTION: Multimodal corridor study to consider highway and transit improvements in the I-270/US 15 corridor in Montgomery and Frederick counties from Shady Grove Metro Station to north of Biggs Ford Road (32.5 miles).

JUSTIFICATION: I-270 and US 15 experience capacity and safety problems throughout Montgomery and Frederick counties. Traffic conditions will continue to deteriorate due to rapid development in this corridor. Transportation improvements are needed to reduce existing and anticipated congestion and to support planned economic development.

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-270/Watkins Mill Road Extended Interchange (Line 1)
- US 15, Interchange at Monocacy Boulevard (Frederick County Line 1)
- US 15, Bridge Replacement over MD 26 (Frederick County Line 2)
- MD 85, from Crestwood Boulevard to Spectrum Drive (Frederick County Line 5)
- I-70, Mount Phillip Road to I-270 (Frederick County Line 10)
- US 15 and US 40, Improvements between I-70 and MD 26 (Frederick County Line 13)

STATUS: Planning on hold, proceeding with transit component, the Corridor Cities Transitway (MTA Line 37) first.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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								SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	17,432	17,432	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	1,107	1,107	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	18,539	18,539	0	0	0	0	0	0	0	0
Federal-Aid	14,400	14,400	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

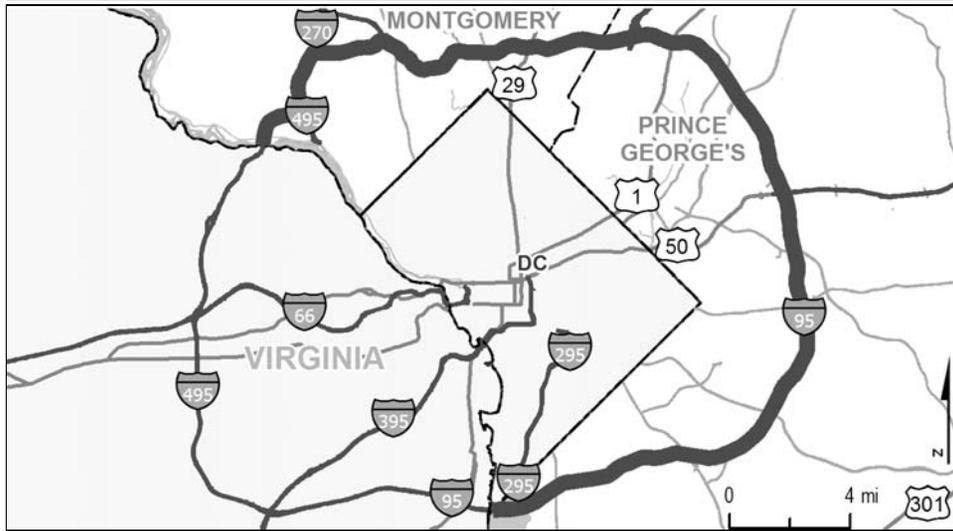
FEDERAL - Urban/Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 42,100 - 104,400 (US 15)
87,000 - 219,000 (I-270)

PROJECTED (2035) - 63,500 - 191,800 (US 15)
98,000 - 237,000 (I-270)



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Study to widen I-495 and determine the feasibility of managed lanes from the American Legion Bridge to the Woodrow Wilson Bridge (42.2 miles).

JUSTIFICATION: Increasing growth and development in Montgomery and Prince George's counties and the concurrent increase in traffic causes the Capital Beltway to experience severe congestion.

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-495, Resurface from I-270Y to Seminary Road (Line 3)
- MD 193, I-495 Bridge over I-495 (Line 8)
- I-495, Planning Study (Line 16)
- I-95/I-495, Branch Ave. Metro Access Phase 2 (Prince George's County Line 1)
- I-95/I-495, Greenbelt Metro Station (Prince George's County Line 2)
- I-95/I-495, Bridge Replacement over Suitland Road (Prince George's County Line 3)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	11,044	11,044	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	9	9	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	11,053	11,053	0	0	0	0	0	0	0	0	
Federal-Aid	9,717	9,717	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Principal Arterial

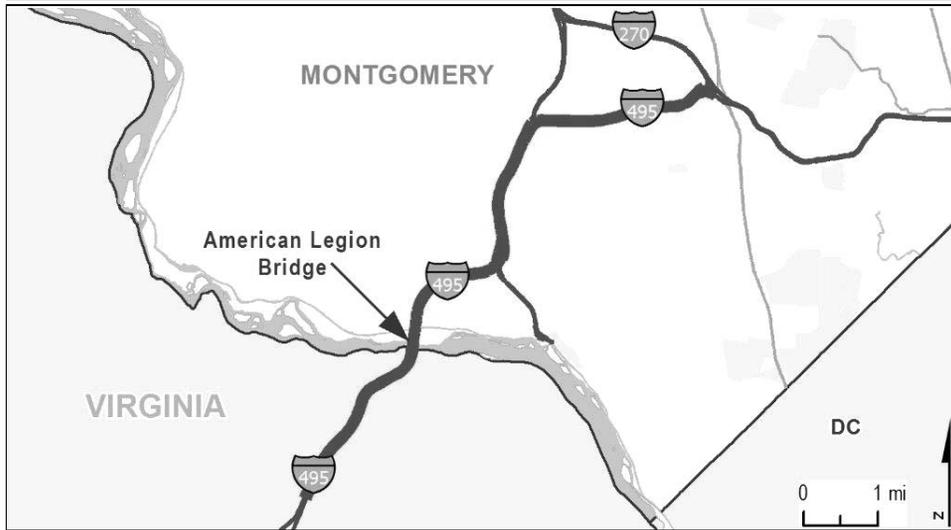
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 103,000 - 247,000

PROJECTED (2035) - 110,000 - 265,000



PROJECT: I-495, Capital Beltway, American Legion Bridge

DESCRIPTION: Planning Study of I-495 improvements from I-270 eastern spur to current terminus of High Occupancy Toll (HOT) lane facilities in Virginia, including the American Legion Bridge.

JUSTIFICATION: Increasing growth in Montgomery County and the concurrent increase in traffic is causing I-495 to experience severe congestion.

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-495, Resurface from I-270Y to Seminary Road (Line 3)
 I-95/I-495, Capital Beltway (Line 15)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	6,000	1,430	1,250	1,250	1,250	820	0	0	4,570	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	6,000	1,430	1,250	1,250	1,250	820	0	0	4,570	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 103,000 - 240,000

PROJECTED (2035) - 110,000 - 260,000



PROJECT: US 29, Columbia Pike

DESCRIPTION: Construct a new US 29 interchange at Musgrove Road and Fairland Road. Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: Development in the US 29 corridor is resulting in traffic growth and congestion. This project will reduce traffic congestion while improving system operations.

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:

US 29, Interchanges (Line 18)
 US 29, Bus Rapid Transit Study (MTA Line 27)

STATUS: Engineering on-hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$1.0 million is due to a revised engineer's estimate. Engineering funding deferred to FY 2023.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	7,000	3,943	0	0	0	0	0	0	0	3,057
Right-of-way	1,079	1,079	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	8,079	5,022	0	0	0	0	0	0	0	3,057
Federal-Aid	1,756	1,756	0	0	0	0	0	0	0	0

CLASSIFICATION:

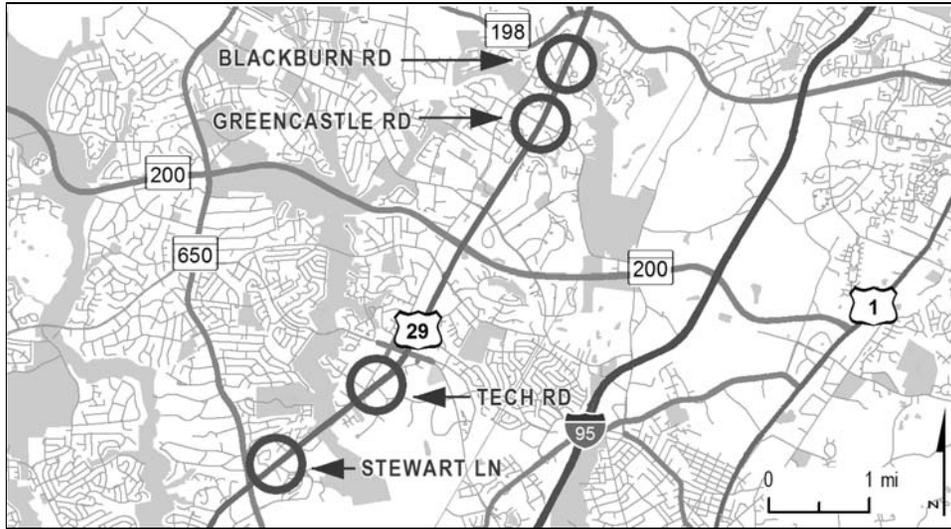
STATE - Principal Arterial
 FEDERAL - Urban Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 67,000

PROJECTED (2035) - 81,500



PROJECT: US 29, Columbia Pike

DESCRIPTION: Construct new US 29 interchanges at Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road. Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: Development in the US 29 corridor is resulting in traffic growth and congestion. This project will reduce traffic congestion while improving system operations.

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:

US 29, Interchange at Musgrove and Fairland Road (Line 17)
 US 29, Bus Rapid Transit Study, (MTA Line 27)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,448	2,448	0	0	0	0	0	0	0	0
Engineering	4,276	4,276	0	0	0	0	0	0	0	0
Right-of-way	545	545	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,269	7,269	0	0	0	0	0	0	0	0
Federal-Aid	2,262	2,262	0	0	0	0	0	0	0	0

CLASSIFICATION:

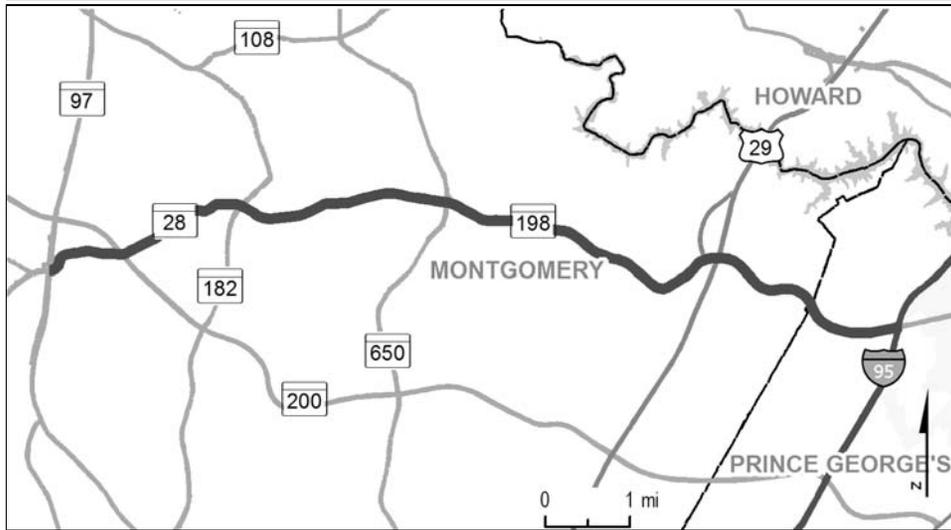
STATE - Principal Arterial
 FEDERAL - Urban Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 60,000 - 74,000

PROJECTED (2035) - 67,000 - 82,000



PROJECT: MD 28, Norbeck Road, and MD 198, Spencerville Road/Sandy Spring Road

DESCRIPTION: Study of MD 28/MD 198 corridor safety, capacity, and operational improvements in Montgomery and Prince George's counties, between MD 97 and I-95 (11.1 miles). Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: This project would address safety in the MD 28/MD 198 corridor. This project would also reduce traffic congestion and improve traffic operations.

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 97/MD 28, Interchange (Line 20)
 US 29, Bus Rapid Transit Study (MTA Line 27)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

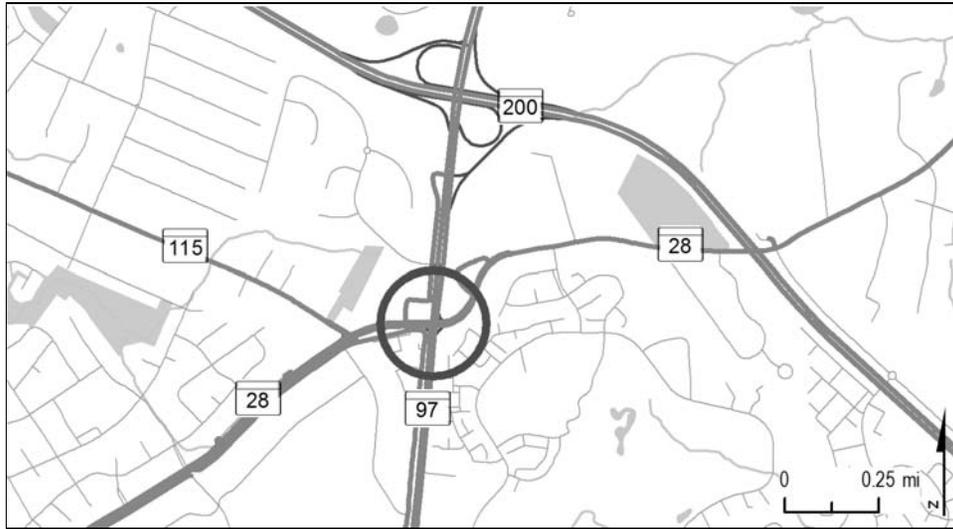
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	7,032	5,197	1,125	710	0	0	0	0	1,835	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	2	2	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,034	5,199	1,125	710	0	0	0	0	1,835	0
Federal-Aid	3,207	3,207	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 20,000 - 37,500 (MD 28)
 16,800 - 47,000 (MD 198)
PROJECTED (2035) - 30,500 - 52,500 (MD 28)
 30,000 - 58,500 (MD 198)



PROJECT: MD 97, Georgia Avenue

DESCRIPTION: Construct a new MD 97 interchange at MD 28. Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: This project will reduce congestion and improve safety at the existing intersection.

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 28/MD 198, MD 97 to I-95 (Line 19)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,982	1,982	0	0	0	0	0	0	0	0
Engineering	845	845	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	2,827	2,827	0	0	0	0	0	0	0	0
Federal-Aid	2,238	2,238	0	0	0	0	0	0	0	0

CLASSIFICATION:

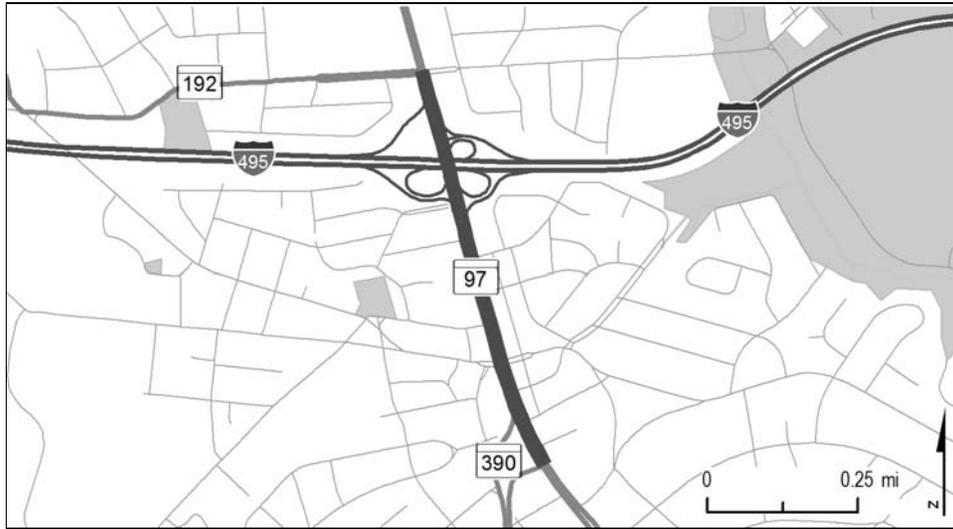
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 47,000

PROJECTED (2035) - 52,000



PROJECT: MD 97, Georgia Avenue

DESCRIPTION: This project will evaluate MD 97 safety and accessibility in Montgomery Hills, between MD 192 and MD 390. Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: This project will address safety and traffic operations within the study area.

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. County contributed \$3.0 million for Planning.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	3,000	2,613	387	0	0	0	0	0	0	387	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	3,000	2,613	387	0	0	0	0	0	0	387	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermediate Arterial

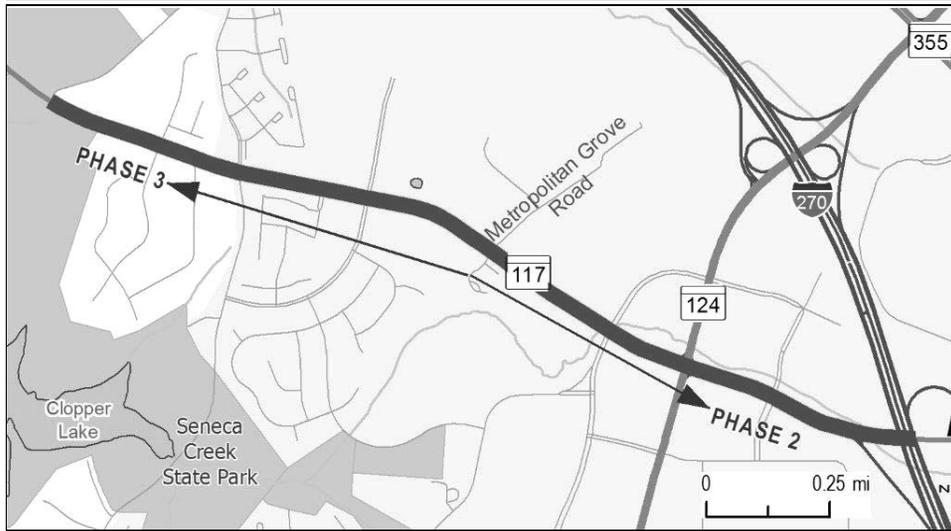
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 84,000

PROJECTED (2035) - 93,000



PROJECT: MD 117, Clopper Road/Diamond Avenue

DESCRIPTION: Construct intersection capacity improvements from I-270 to Metropolitan Grove Road (Phase 2) and Metropolitan Grove Road to west of Game Preserve Road (Phase 3) (2.0 miles). Sidewalks will be included where appropriate, including a shared-use path on the south side. Wide curb lanes will accommodate bicycles.

JUSTIFICATION: MD 117 is a heavily traveled commuter route. Capacity improvements are needed to reduce congestion associated with planned and approved development in Germantown that will exceed the current capacity of the highway.

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-270/Watkins Mill Road Extended Interchange (Line 1)
- I-270, Innovative Congestion Management (Line 2)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,030	1,030	0	0	0	0	0	0	0	0
Engineering	1,906	1,906	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	2,936	2,936	0	0	0	0	0	0	0	0
Federal-Aid	546	546	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

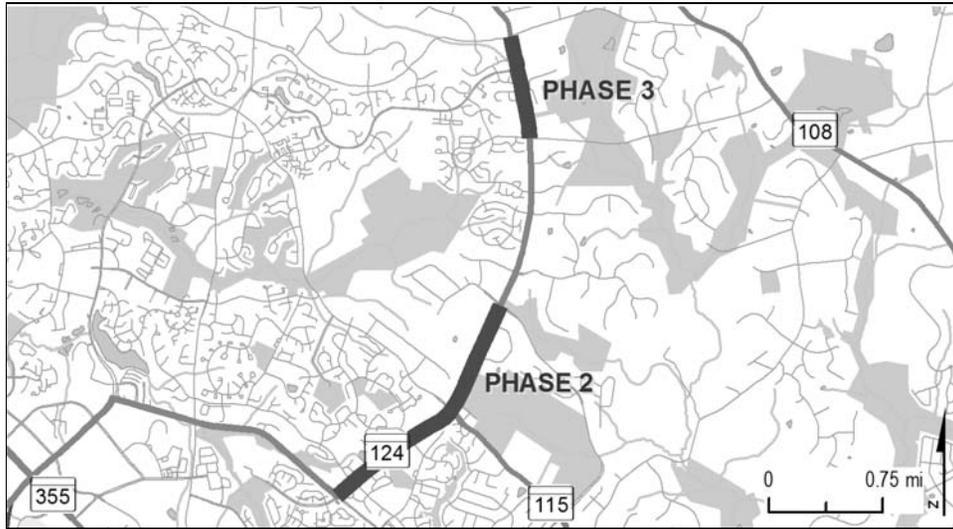
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,000 - 47,000

PROJECTED (2035) - 33,000 - 68,000



PROJECT: MD 124, Woodfield Road

DESCRIPTION: Reconstruct MD 124 from Midcounty Highway to south of Airpark Road (Phase 2) (1.6 miles) and from north of Fieldcrest Road to Warfield Road (Phase 3) (0.4 miles). Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: MD 124 is a heavily traveled commuter route from northern Montgomery County to the Rockville-Gaithersburg area that experiences capacity and sight distance problems.

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: Engineering underway. County is contributing \$5.0 million to Engineering and Right-of-Way.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,114	2,114	0	0	0	0	0	0	0	0
Engineering	2,738	897	851	869	121	0	0	0	1,841	0
Right-of-way	5,024	24	0	0	2,500	2,500	0	0	5,000	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	9,876	3,035	851	869	2,621	2,500	0	0	6,841	0
Federal-Aid	18	18	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 20,000

PROJECTED (2035) - 28,000



PROJECT: MD 355, Rockville Pike

DESCRIPTION: Construct a grade-separated crossing over CSXT railroad and a interchange at Parklawn Drive. Pedestrian and bicycle accommodations will be included where appropriate.

JUSTIFICATION: This project will improve safety and reduce traffic congestion that occurs at the Randolph Road/Parklawn Drive intersection and at the Randolph Road CSXT Railroad crossing.

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:
 Montrose Parkway East (Montgomery County Project)

STATUS: Engineering underway. Montgomery County is contributing \$9.0 million to Engineering.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,860	1,860	0	0	0	0	0	0	0	0
Engineering	9,000	3,491	5,509	0	0	0	0	0	5,509	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	10,860	5,351	5,509	0	0	0	0	0	5,509	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermediate Arterial

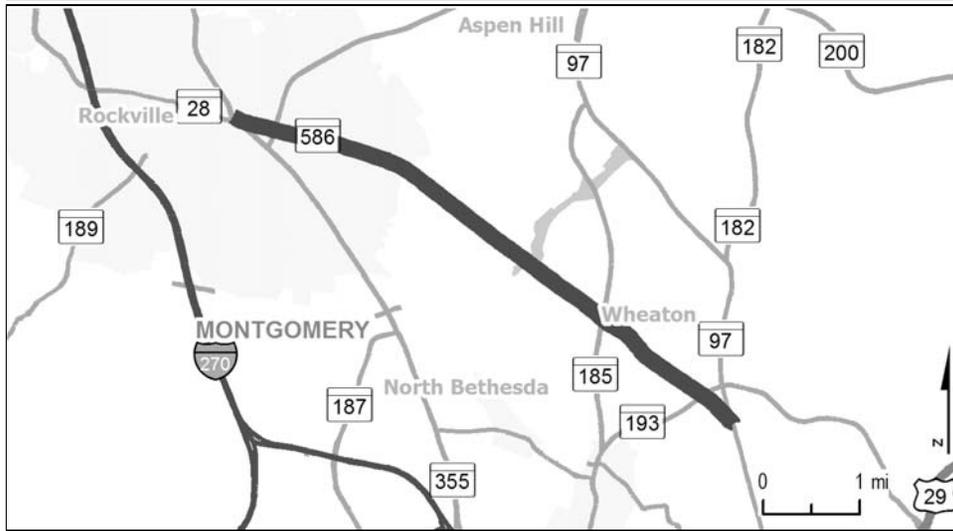
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 57,750 (MD 355)

PROJECTED (2035) - 66,000 (MD 355)



PROJECT: MD 586, Veirs Mill Road, and MD 28, Veirs Mill Road

DESCRIPTION: Bus rapid transit (BRT) study from Rockville Metro Station to Wheaton Metro Station. This study will evaluate roadway improvements to implement Montgomery County's BRT system on MD 586 and MD 28 from Rockville to Wheaton (6.1 miles). Wide curb lanes to accommodate bicycles will be included where appropriate.

JUSTIFICATION: This project will enhance transit connections and improve operational efficiency and travel times. This project supports plans for BRT implementation.

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. Montgomery County is contributing \$6.0 million for Planning.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	6,000	3,611	2,389	0	0	0	0	0	0	2,389	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	6,000	3,611	2,389	0	0	0	0	0	0	2,389	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 21,000 - 46,000

PROJECTED (2035) - 24,000 - 50,000

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- MONTGOMERY COUNTY LINE 26

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		Various locations in Gaithersburg Shop area of Montgomery County; mill/grind, patch and resurface pavements	4,297	Completed
2		Various locations in Fairland Shop area of Montgomery County; mill/grind, patch and resurface pavements	4,396	Completed
3		East Jefferson/Veirs Mill Road; MD 28 - Monroe Street to MD 911 and MD 355 - MD 28 to MD 911; resurface	2,713	Completed
4	MD 182	Layhill Road; Park Vista Drive to Chester Mill Road; resurface	1,033	Completed
5	I 495	Cabin John Parkway; Clara Barton Parkway to I-495; resurface	1,886	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
6		At various locations in Montgomery County; mill and resurface	14,772	FY 2017
7	MD 28	Darnestown Road; Quince Orchard Road to Argosy Drive; safety and resurface	2,676	FY 2017
8	MD 117	Clopper Road; Longdraft Road to I-270; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,206	Under construction
9	MD 124	Quince Orchard Road; Orchard Ridge Road to MD 355; safety and resurface	2,775	FY 2017
10	MD 190	River Road; MD 614 to DC line; safety and resurface	3,432	FY 2017
11	MD 193	University Boulevard; I-495 to MD 320; resurface	3,194	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- MONTGOMERY COUNTY LINE 26 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
12	MD 320	Piney Branch Road; MD 193 to MD 650; safety and resurface	1,359	FY 2017
13	MD 355	Rockville Pike; Hubbard Avenue to Templeton Place; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,246	FY 2017
14	MD 410	East West Highway; Carey Lane to Fenton Street; resurface	2,114	Under construction
15	MD 586	Veirs Mill Road; Structure 15063 to MD 185 and MD 193 to MD 97; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	5,050	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
16		Eight existing bridges on Capital Beltway, Eisenhower Memorial Highway, First Street; clean/paint bridges	2,402	FY 2017
17	CO7073	Seminary Road; Bridge 1512900 over I-495; bridge deck replacement	6,200	FY 2018
<u>Safety/Spot Improvement</u>				
18	MD 117	Clopper Road; Between MD 117 and in-stream stormwater management structure; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,288	FY 2017
19	MD 119	Great Seneca Highway; at Kentlands Avenue/Orchard Ridge Drive; geometric improvements	1,142	Under construction
20	MD 190	River Road; Ventnor Road to Baltimore Avenue; geometric improvements	819	Under construction
21	MD 198 WB	Sandy Spring Road; at Riding Stable Road; widen and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	505	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- MONTGOMERY COUNTY LINE 26 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
22	I 270	Eisenhower Memorial Highway; Montrose Road to SB I-270; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,144	FY 2017
<u>Traffic Management</u>				
23		MD 185/MD 187/ MD 355 TS reconstruction with APS/CPS; reconstruct signal Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,338	FY 2017
24		Thru the city of Takoma Park (MD 195, MD 410 and MD 320); signalization	433	Under construction
25		Various locations in Montgomery County; signalization	3,760	Under construction
26	US 29	Colesville Road; MD 97/ MD 384 to Sligo Creek Parkway/St. Andrews Way; signalization	701	Under construction
27	I 270	Eisenhower Memorial Highway; Gude Drive South to north of MD 28; lighting	756	Under construction
<u>Environmental Preservation</u>				
28	MD 190	River Road; Intersection at MD 190 and MD 188; landscape	19	Under construction
29	I 495	Capital Beltway; IRVM, from MO/PG County line to MD/VA line - Phase 1; landscape	1,822	Under construction
<u>Intersection Capacity Improvements</u>				
30		I-495 at MD 650 - Ramp from Inner Loop to southbound MD 650; geometric improvements	378	FY 2017
31	MD 97	Georgia Avenue; at MD 28; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,631	FY 2017

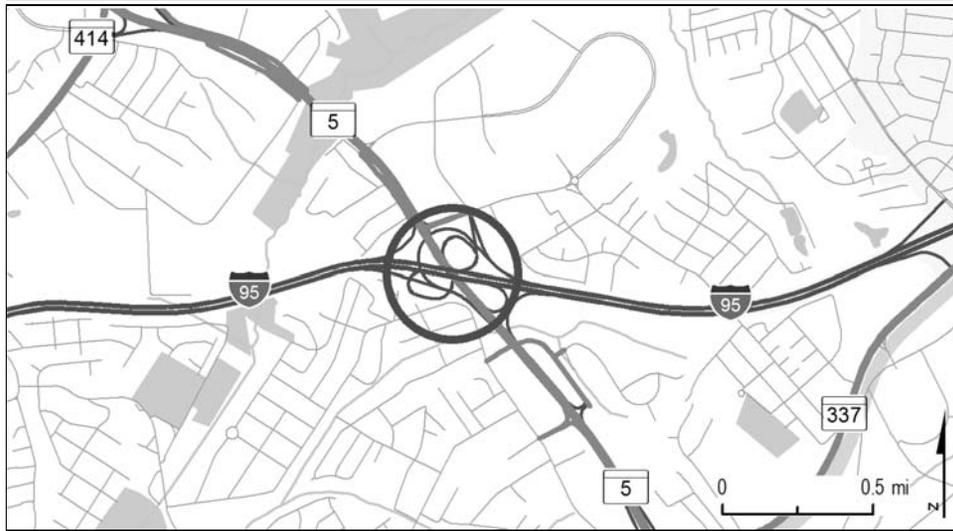
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- MONTGOMERY COUNTY LINE 26 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Intersection Capacity Improvements (cont'd)</u>				
32	MD 355	Frederick Road; at West Old Baltimore Road; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,500	FY 2017
33	MD 650	New Hampshire Ave; Oakview Drive; Extend left-turn lane on SB MD 650 (Project on hold)		Concepts Underway
<u>Bicycle Retrofit</u>				
34	MD 187	Old Georgetown Road; Lincoln Drive to Charles Street; bicycle-pedestrian route	1,980	FY 2017
<u>TMDL Compliance</u>				
35		Tree planting at various locations in Montgomery County; landscape (Transportation Infrastructure Investment Act of 2013)	1,301	Under construction
<u>Congressional Earmarks</u>				
36		Long Branch Village Center; access improvements (Earmark \$750,000; CO)	0	
37		Rockville Intermodal Access: Maryland Avenue and Market Street; Construction of intermodal access project including pedestrian safety improvements along the Baltimore Road corridor (Earmark \$4 million; PE,CO)	0	



PRINCE GEORGE'S COUNTY



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Phase 2 Access improvements from MD 5 (Branch Avenue) and I-95/I-495 to the Branch Avenue Metro Station including improvements to the Access Road, pedestrian bridge, and the County Roads (Auth Road, Auth Place and Auth Way). Pedestrian/bicycle facilities will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The Branch Avenue Metro Station increased traffic volumes on MD 5 and the Capital Beltway in the vicinity of the station during peak periods. The purpose of this project is to enhance access to the Metro station and address congestion.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 MD 5, US 301 at T.B. to north of I-95/I-495 (Line 19)

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

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

EXPLANATION: This project will enhance vehicular and pedestrian connectivity between the Metro station and MD 5. The improved connectivity will help support planned growth in the vicinity of the station, a designated transit-oriented development (TOD) site.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	777	777	0	0	0	0	0	0	0	0	0
Engineering	4,669	4,669	0	0	0	0	0	0	0	0	0
Right-of-way	4,406	1,499	917	1,102	638	250	0	0	0	2,907	0
Construction	38,302	29,701	8,601	0	0	0	0	0	0	8,601	0
Total	48,154	36,646	9,518	1,102	638	250	0	0	0	11,508	0
Federal-Aid	37,022	27,957	7,487	811	517	250	0	0	0	9,065	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 135,000 (MD 5) 187,475
 (I-95/495)

PROJECTED (2035) - 143,000 (MD 5)
 209,750 (I-95/495)



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Construct a full interchange along I-95/I-495 at the Greenbelt Metro Station.

PURPOSE & NEED SUMMARY STATEMENT: This interchange would improve traffic operations on mainline I-95/I-495 and provide access for a proposed joint use development at the Greenbelt Metro Station.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)

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

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

EXPLANATION: This project will enhance access connectivity between the Metro Station and I-95/I-495 (Capital Beltway). The improved connectivity will help support planned growth in the vicinity of the Station, a designated transit-oriented development (TOD) site.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$15.0 million is due to additional infrastructure improvements and mitigation needs associated with future Development.

PHASE	POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,561	1,561	0	0	0	0	0	0	0	0	0
Engineering	6,781	4,519	2,262	0	0	0	0	0	0	2,262	0
Right-of-way	8,764	24	283	2,000	3,232	3,225	0	0	0	8,740	0
Construction	150,000	0	0	28,780	40,780	43,648	36,792	0	0	150,000	0
Total	167,106	6,104	2,545	30,780	44,012	46,873	36,792	0	0	161,002	0
Federal-Aid	123,565	4,803	1,764	22,448	31,808	34,045	28,697	0	0	118,762	0

CLASSIFICATION:

STATE - Principal Arterial

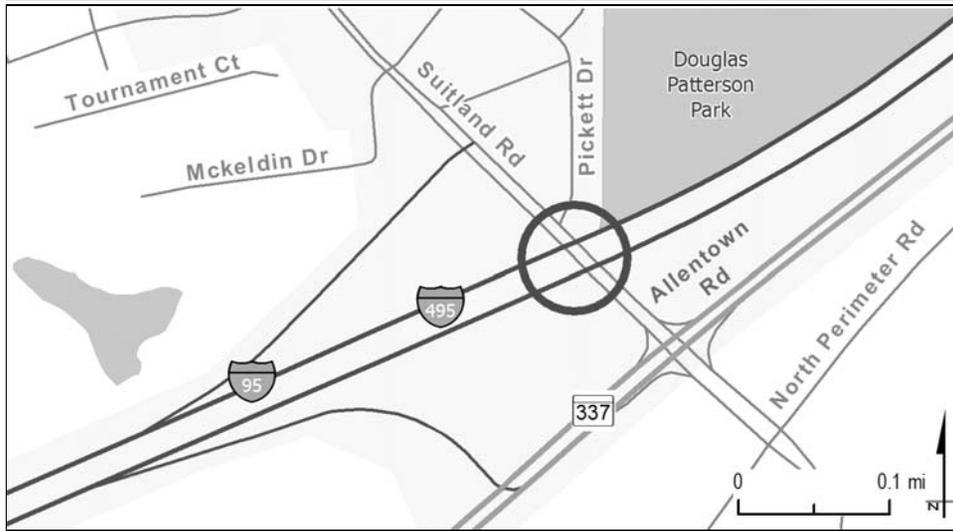
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 220,000

PROJECTED (2035) - 242,100



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Replace Bridges 1616205 and 1616206 over Suitland Road.

PURPOSE & NEED SUMMARY STATEMENT: The existing structures are structurally deficient and functionally obsolete.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)

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

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

EXPLANATION: The existing bridges are nearing the end of their useful life and are in need of replacement.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$2.1 million is due to an unfavorable bid price.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,720	1,720	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	33,901	25	10,635	12,899	10,240	102	0	0	33,876	0
Total	35,621	1,745	10,635	12,899	10,240	102	0	0	33,876	0
Federal-Aid	1,330	1,330	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

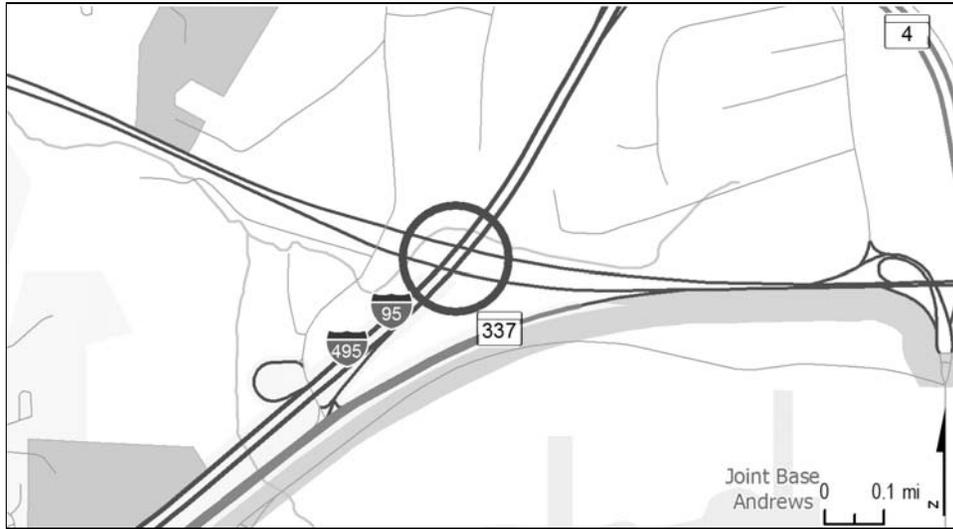
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 176,325

PROJECTED (2035) - 207,650



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Replace Bridges 1616005 and 1616006 over Suitland Parkway.

PURPOSE & NEED SUMMARY STATEMENT: The existing structures are structurally deficient and functionally obsolete.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16).

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

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

EXPLANATION: The existing bridges are nearing the end of their useful life and are in need of replacement.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$16.2 million is due to a Construction estimate increase based on recent bids and the need for additional Engineering funds.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,176	90	1,086	0	0	0	0	0	1,086	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	30,000	0	0	15,300	14,700	0	0	0	30,000	0
Total	31,176	90	1,086	15,300	14,700	0	0	0	31,086	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

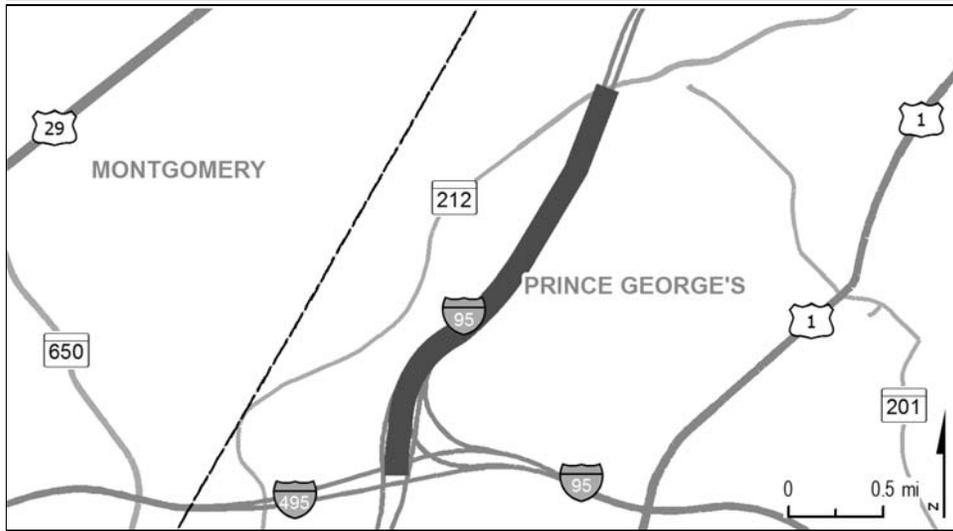
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 201,575

PROJECTED (2035) - 226,350



PROJECT: I-95, Capital Beltway

DESCRIPTION: Resurface I-95 from I-495 (Capital Beltway) to MD 212.

PURPOSE & NEED SUMMARY STATEMENT: This project enhances the longevity of the roadway surface.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16).

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

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

EXPLANATION: The resurfacing extends the lifespan of the roadway, while enhancing the quality of travel along the corridor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	408	408	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	12,596	4,198	8,398	0	0	0	0	0	0	8,398	0	0
Total	13,004	4,606	8,398	0	0	0	0	0	0	8,398	0	0
Federal-Aid	11,613	3,893	7,720	0	0	0	0	0	0	7,720	0	0

CLASSIFICATION:

STATE - Principal Arterial

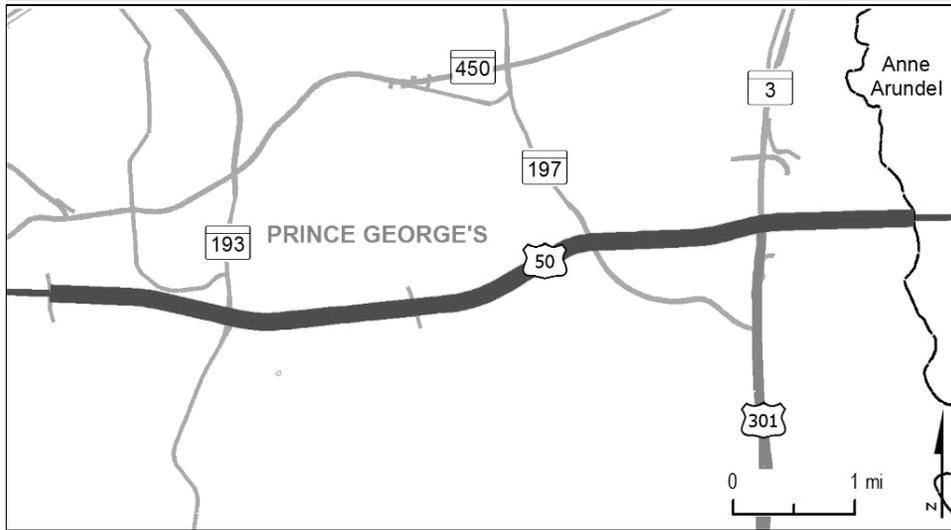
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 200,900

PROJECTED (2035) - 224,800



PROJECT: US 50, John Hanson Highway

DESCRIPTION: Construct safety and resurfacing improvements on US 50 from east of Lottsford Vista Road to Anne Arundel County Line (Westbound) (7.2 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project enhances the longevity of the roadway surfaces.

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:

- US 50, East of Lottsford Vista Road to Anne Arundel County Line (Line 7)
- MD 3, US 50 to MD 32 (Line 17)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, North of Mount Oak Road to US 50 (Line 24)

EXPLANATION: The resurfacing will extend the useful lifespan of the roadway, while enhancing the quality of travel along the corridor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$1.4 million is due to a favorable bid price.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	461	315	65	65	16	0	0	0	146	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,093	841	7,515	2,737	0	0	0	0	10,252	0
Total	11,554	1,156	7,580	2,802	16	0	0	0	10,398	0
Federal-Aid	444	298	65	65	16	0	0	0	146	0

CLASSIFICATION:

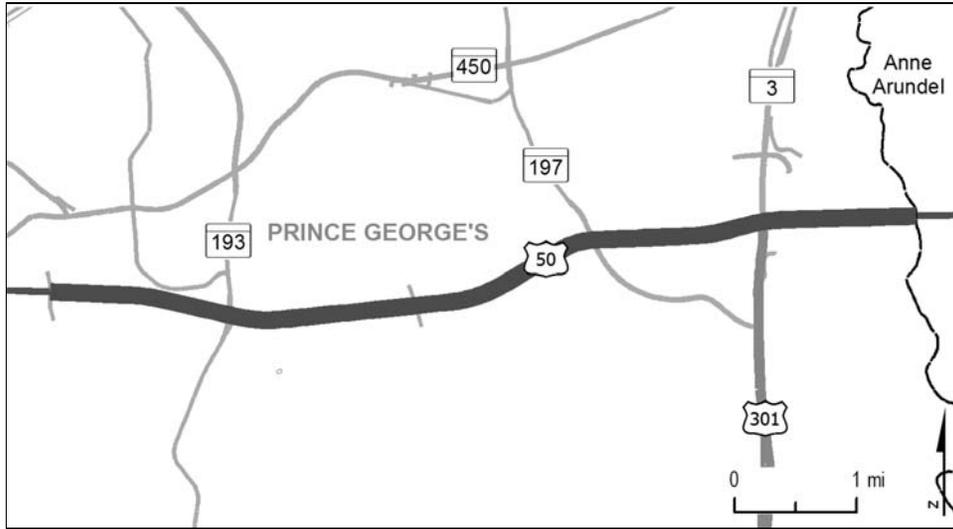
STATE - Intermediate Arterial
 FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 108,450 - 127,600

PROJECTED (2035) - 133,850 - 157,450



PROJECT: US 50, John Hanson Highway

DESCRIPTION: Construct safety and resurfacing improvements on US 50 from east of Lottsford Vista Road to Anne Arundel County Line (Eastbound) (7.3 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project enhances the longevity of the roadway surfaces.

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:

- US 50, East of Lottsford Vista Road to Anne Arundel County Line (Line 6)
- MD 3, US 50 to MD 32 (Line 17)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, North of Mount Oak Road to US 50 (Line 24)
- MD 197, Kenhill Drive to MD 450 Relocated (Line 27)

EXPLANATION: The resurfacing will extend the lifespan of the roadway, while enhancing the quality of travel along the corridor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	178	178	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	10,243	9,256	987	0	0	0	0	0	0	987	0	0
Total	10,421	9,434	987	0	0	0	0	0	0	987	0	0
Federal-Aid	8,821	7,981	840	0	0	0	0	0	0	840	0	0

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

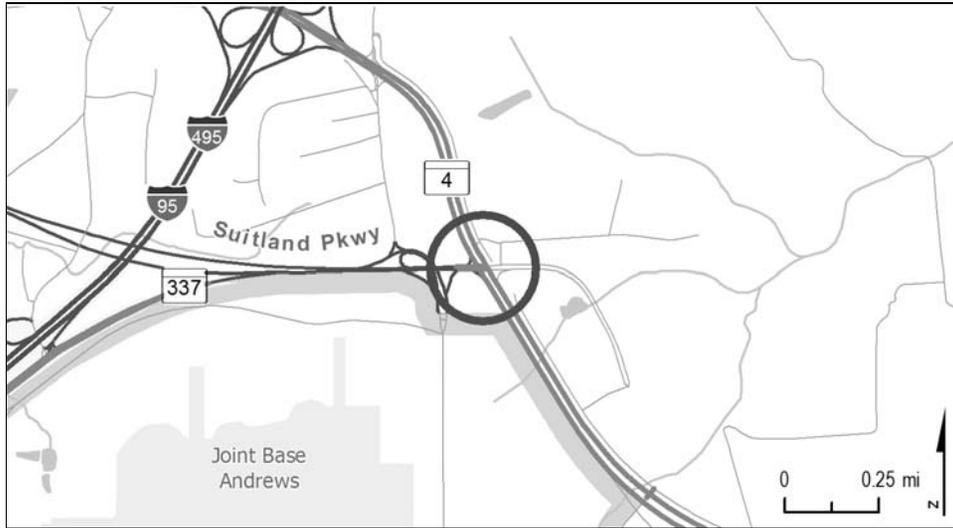
STATE - Intermediate Arterial
 FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 108,450 - 127,600

PROJECTED (2035) - 133,850 - 157,450



PROJECT: MD 4, Pennsylvania Avenue

DESCRIPTION: Construct a new interchange at MD 4 and Suitland Parkway. Bicycles and pedestrians will be accommodated where appropriate. (BRAC Related)

PURPOSE & NEED SUMMARY STATEMENT: Severe traffic congestion occurs during peak hours and will increase with planned development in the immediate area. This project will relieve existing congestion and accommodate increasing traffic volumes associated with future growth.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 MD 4, MD 223 to I-95/I-495 (Line 18)

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

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

EXPLANATION: The new interchange at MD 4 and Suitland Parkway will facilitate enhanced access to an area that is planned for growth and economic development. In addition, the project will improve safety and reduce congestion at the existing at-grade intersection.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$3.4 million is due to a more detailed engineer's estimate.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	10,950	10,583	367	0	0	0	0	0	0	367	0
Right-of-way	24,587	9,303	4,198	3,458	4,862	2,766	0	0	0	15,284	0
Construction	104,777	1,379	8,181	15,527	21,713	22,531	27,266	8,180	103,398	0	0
Total	140,314	21,265	12,746	18,985	26,575	25,297	27,266	8,180	119,049	0	0
Federal-Aid	98,026	13,633	6,665	12,539	18,848	18,009	21,794	6,538	84,393	0	0

CLASSIFICATION:

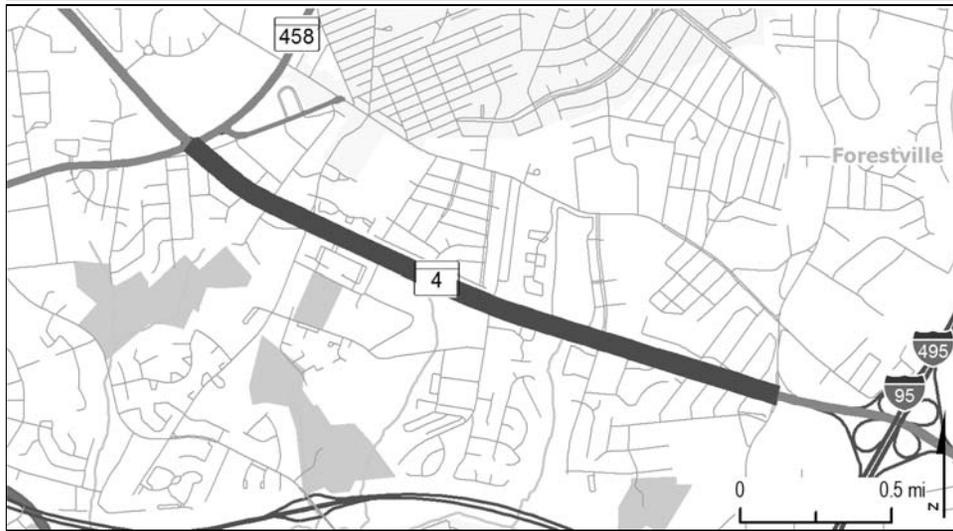
STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 72,725

PROJECTED (2035) - 99,350



PROJECT: MD 4, Pennsylvania Avenue

DESCRIPTION: Construct raised curb along the outside edge of roadway, sidewalk along southbound MD 4, a 10 foot multi-use trail along northbound MD 4, on-road bicycle accommodations and other traffic calming measures from Forestville Road to MD 458 (Silver Hill Road) (2.1 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project provides traffic calming and enhanced pedestrian and bicycle safety on a roadway segment that has experienced a higher than average pedestrian related crash rate.

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: The raised curb, sidewalk, and multi-use trail, on-road bicycle accommodations and other traffic calming measures will enhance pedestrian and bicycle safety and connectivity throughout the corridor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,831	1,831	0	0	0	0	0	0	0	0	
Right-of-way	309	309	0	0	0	0	0	0	0	0	
Construction	24,324	8,496	15,828	0	0	0	0	0	15,828	0	
Total	26,464	10,636	15,828	0	0	0	0	0	15,828	0	
Federal-Aid	1,748	1,748	0	0	0	0	0	0	0	0	

CLASSIFICATION:

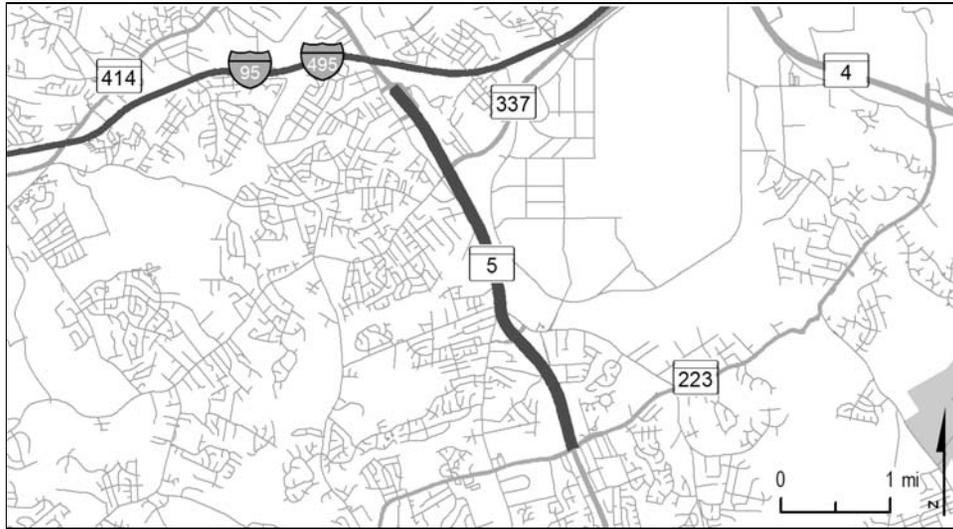
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 44,000

PROJECTED (2035) - 59,100



PROJECT: MD 5, Branch Avenue

DESCRIPTION: Construct safety and resurfacing improvements on MD 5 from MD 223 to south of I-95 (4.0 Miles).

PURPOSE & NEED SUMMARY STATEMENT: This project enhances the longevity of the roadway surface.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 MD 5, US 301 to I-95 (Line 19)

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

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

EXPLANATION: The resurfacing will extend the lifespan of the roadway, while enhancing the quality of travel along the corridor.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	204	204	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	7,965	7,965	0	0	0	0	0	0	0	0	
Total	8,169	8,169	0	0	0	0	0	0	0	0	
Federal-Aid	6,744	6,744	0	0	0	0	0	0	0	0	

CLASSIFICATION:

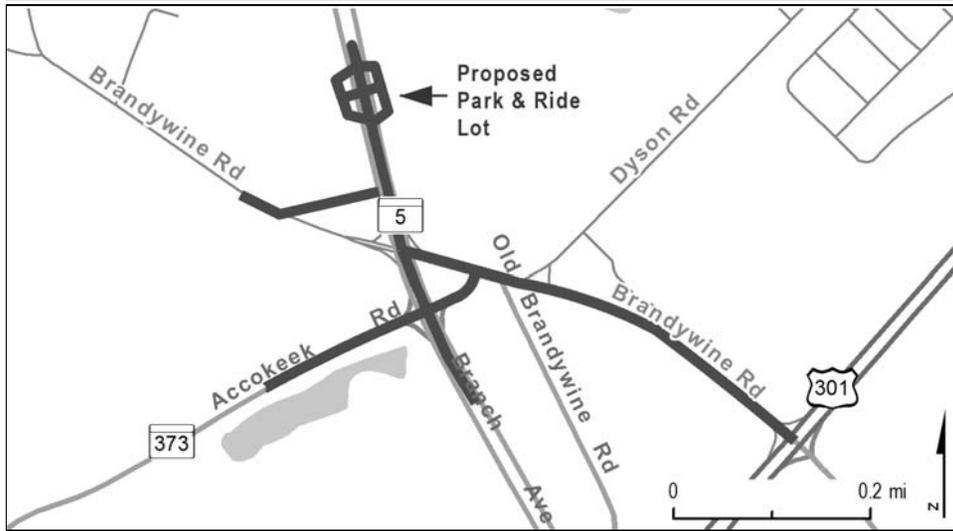
STATE - Principal Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 145,175

PROJECTED (2035) - 164,375



PROJECT: MD 5, Branch Avenue

DESCRIPTION: Construct a new interchange at MD 5, MD 373 and Brandywine Road Relocated. This project also includes a park and ride lot (1.0 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: Significant traffic congestion occurs during peak hours and will increase as growth continues to occur in southern Prince George's County and Southern Maryland.

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 5, US 301 at T.B. to north of I-95/I-495 (Line 19)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, Waldorf Area Project (Line 25)

EXPLANATION: This project reduces congestion at a major bottleneck along the MD 5 and US 301 corridor and removes at-grade conflict points at Brandywine Road and MD 373.

STATUS: Construction underway. Washington Suburban Sanitary Commission is contributing \$8.6 million towards Construction.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$10.3 million is due to a favorable bid.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,628	6,628	0	0	0	0	0	0	0	0
Right-of-way	6,070	4,049	1,191	830	0	0	0	0	2,021	0
Construction	42,834	40	8,707	12,130	12,726	9,231	0	0	42,794	0
Total	55,532	10,717	9,898	12,960	12,726	9,231	0	0	44,815	0
Federal-Aid	34,909	6,903	5,832	7,952	8,243	5,979	0	0	28,006	0

CLASSIFICATION:

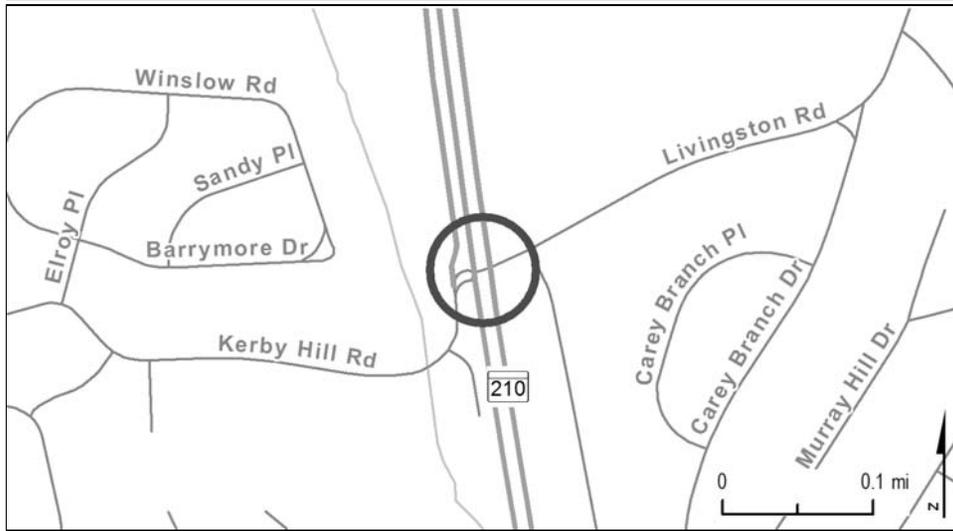
STATE - Principal Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 65,000

PROJECTED (2035) - 97,700



PROJECT: MD 210, Indian Head Highway

DESCRIPTION: Construct a new interchange at MD 210 and Kerby Hill Road/Livingston Road. Bicycles and pedestrians will be accommodated where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: Increased development along this corridor has caused MD 210 to have significant congestion during peak periods.

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 210, MD 228 to 95/I-495 (Line 21)

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

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

EXPLANATION: The new interchange will improve safety and reduce congestion at the existing at-grade intersection. In addition, the project will improve circulation in the area surrounding the National Harbor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY							
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	6,011	6,011	0	0	0	0	0	0	0	0	0	0
Right-of-way	12,078	5,568	2,268	1,620	1,368	1,254	0	0	0	6,510	0	0
Construction	97,300	17,225	21,401	24,103	31,880	2,691	0	0	0	80,075	0	0
Total	115,389	28,804	23,669	25,723	33,248	3,945	0	0	0	86,585	0	0
Federal-Aid	81,344	17,880	16,892	18,901	24,687	2,984	0	0	0	63,464	0	0

CLASSIFICATION:

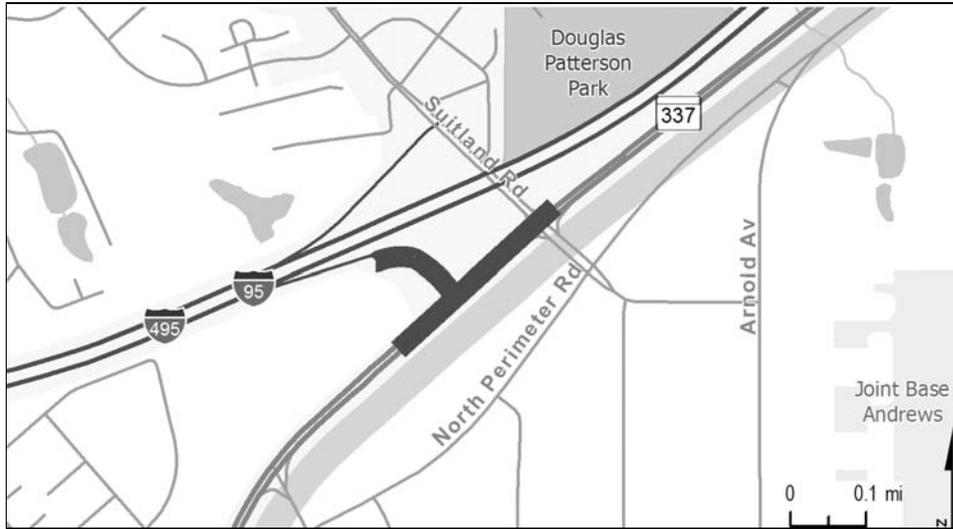
STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 82,700

PROJECTED (2035) - 102,850



PROJECT: MD 337, Allentown Road

DESCRIPTION: Construct intersection improvements at MD 337 (Allentown Road) at Suitland Road and I-95/I-495 NB off Ramp. Bicycle and pedestrian access will be provided where appropriate. (BRAC Related)

PURPOSE & NEED SUMMARY STATEMENT: Improving access to the Joint Base Andrews is a vital component to accommodate the increase in employment as a result of BRAC. This project will improve safety, capacity, and operations at the intersection.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)

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

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

EXPLANATION: Improvements to this intersection in the vicinity of the Joint Base Andrews is supportive of the congressionally authorized BRAC initiative. This improvement will provide congestion relief and safety improvements.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	275	131	117	27	0	0	0	0	0	144	
Construction	5,575	3,587	1,988	0	0	0	0	0	0	1,988	
Total	5,850	3,718	2,105	27	0	0	0	0	0	2,132	
Federal-Aid	4,772	2,996	1,755	21	0	0	0	0	0	1,776	

CLASSIFICATION:

STATE - Major Collector

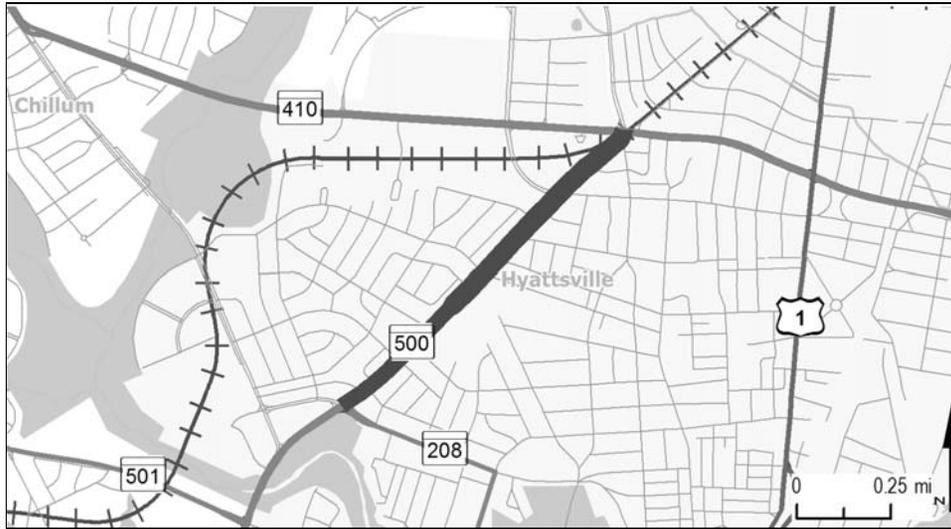
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 32,300

PROJECTED (2035) - 38,000



PROJECT: MD 500, Queens Chapel Road

DESCRIPTION: Construct landscaped median with sidewalk and crosswalk improvements from MD 208 (Hamilton Street) to MD 410 (East-West Highway/Adelphi Road) (0.2 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project provides traffic calming and enhances pedestrian safety along the roadway.

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:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input checked="" type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: The landscaped median, sidewalks, and crosswalk improvements will enhance traffic calming and pedestrian safety along the roadway. This project also reduces impervious surface area and adds landscaping that will increase stormwater management capacity.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,029	2,029	0	0	0	0	0	0	0	0	0	0
Right-of-way	252	252	0	0	0	0	0	0	0	0	0	0
Construction	8,208	4,010	4,198	0	0	0	0	0	0	4,198	0	0
Total	10,489	6,291	4,198	0	0	0	0	0	0	4,198	0	0
Federal-Aid	1,933	1,933	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 23,800

PROJECTED (2035) - 32,800



PROJECT: US 1, Baltimore Avenue

DESCRIPTION: Reconstruct US 1 from College Avenue to MD 193 (Segment 1). Bicycle and pedestrian facilities will be included where appropriate (1.5 miles).

PURPOSE & NEED SUMMARY STATEMENT: Major traffic congestion is experienced along this segment of US 1. This project would improve traffic operations, pedestrian circulation, and safety. This project would also accommodate planned revitalization within College Park.

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:
 US 1, MD 193 to I-95, Segments 2 and 3 (Line 32)

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

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

EXPLANATION: This project will improve traffic operations while enhancing bicycle and pedestrian mobility and safety.

STATUS: Engineering and Right-of-Way underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$6.3 million is due to a reduced Right-of-Way estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	8,289	5,295	1,200	994	800	0	0	0	2,994	0
Right-of-way	9,284	1,034	2,000	4,829	1,421	0	0	0	8,250	0
Construction	32,231	0	0	0	3,589	8,709	9,826	10,107	32,231	0
Total	49,804	6,329	3,200	5,823	5,810	8,709	9,826	10,107	43,475	0
Federal-Aid	300	217	83	0	0	0	0	0	83	0

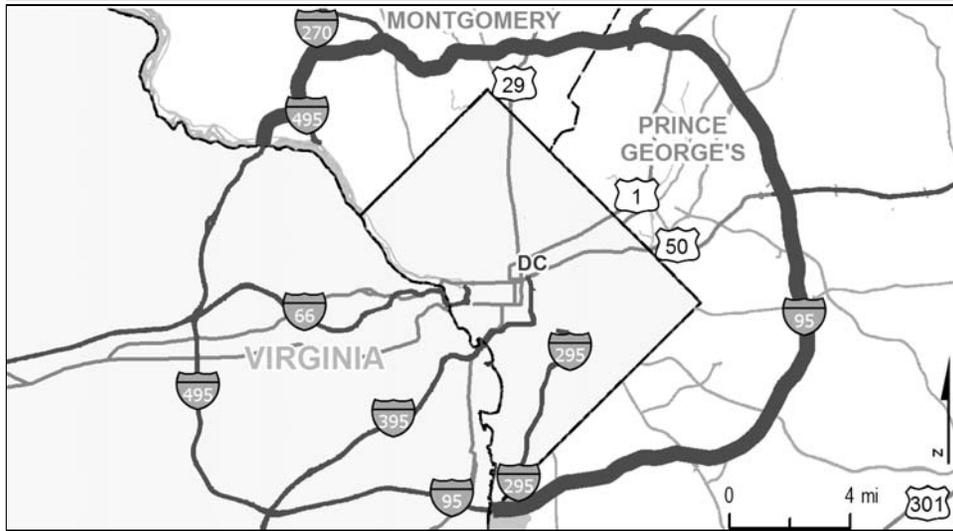
CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 48,875

PROJECTED (2035) - 66,825



PROJECT: I-95/I-495, Capital Beltway

DESCRIPTION: Study to widen I-495 and determine the feasibility of managed lanes from the American Legion Bridge to the Woodrow Wilson Bridge (42.2 miles).

JUSTIFICATION: Increasing growth and development in Montgomery and Prince George's counties and the concurrent increase in traffic causes the Capital Beltway to experience severe congestion.

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/I-495, Branch Ave. Metro Access Phase 2 (Line 1)
- I-95/I-495, Greenbelt Metro Station (Line 2)
- I-95/I-495, Bridge Replacement over Suitland Road (Line 3)
- I-95/I-495, Bridge Replacement over Suitland Parkway (Line 4)
- I-95, Resurface I-95 from I-495 (Capital Beltway) to MD 212 (Line 5)
- MD 4, Interchange at Suitland Parkway (Line 8)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	11,044	11,044	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	9	9	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	11,053	11,053	0	0	0	0	0	0	0	0
Federal-Aid	9,717	9,717	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

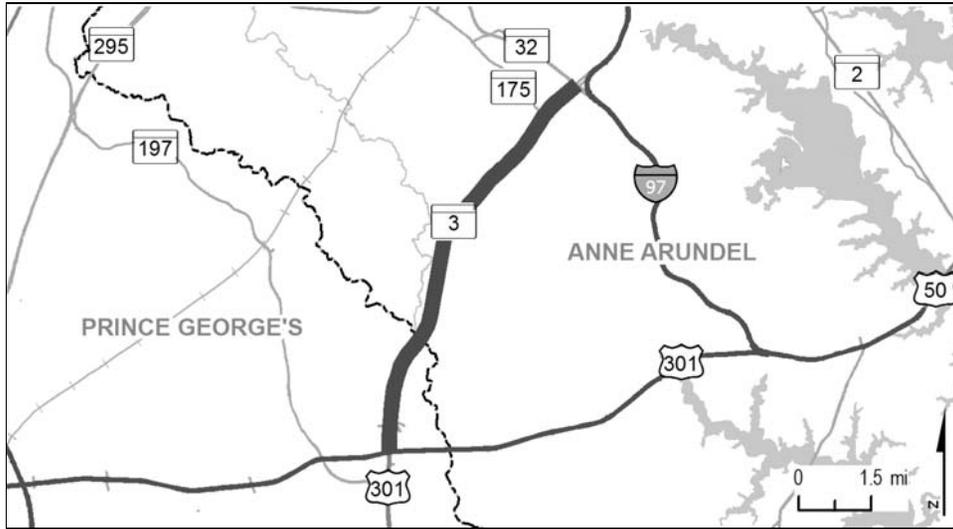
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 103,000 - 247,000

PROJECTED (2035) - 110,000 - 265,000



PROJECT: MD 3, Robert Crain Highway

DESCRIPTION: Study to upgrade MD 3 from US 50 to MD 32 to address safety and capacity concerns (8.9 miles). Bicycle and pedestrian access will be provided where appropriate.

JUSTIFICATION: This project will improve safety and operations and relieve congestion in this heavily traveled corridor.

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, Resurfacing from I-495 (Capital Beltway) to MD 212 (Line 5)
- US 50, East of Lottford Vista Road to Anne Arundel County Line - Westbound (Line 6)
- US 50, East of Lottford Vista Road to Anne Arundel County Line - Eastbound (Line 7)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, North of Mount Oak Road to US 50 (Line 24)
- MD 450, Stonybrook Drive to west of MD 3 (Line 31)

STATUS: Planning on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,873	3,873	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	4,673	4,673	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	8,546	8,546	0	0	0	0	0	0	0	0
Federal-Aid	2,868	2,868	0	0	0	0	0	0	0	0

CLASSIFICATION:

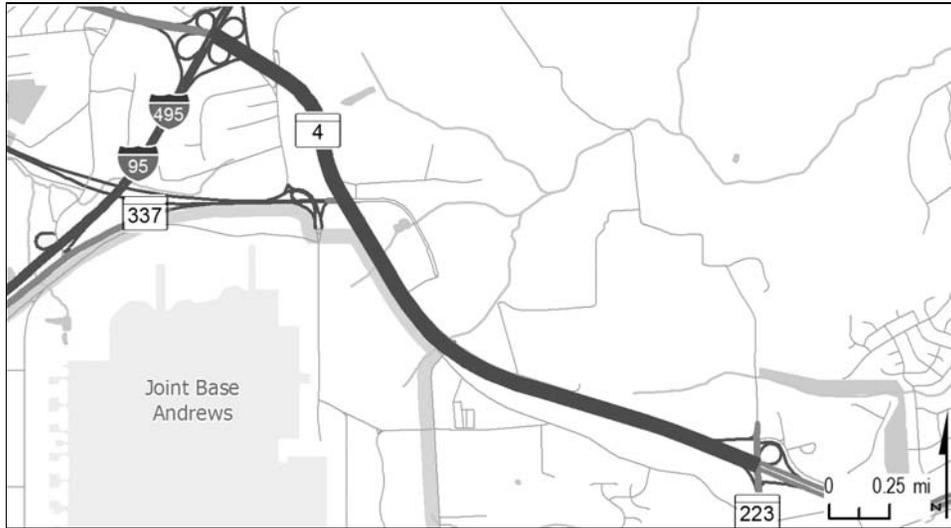
STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 65,800 - 84,150

PROJECTED (2035) - 78,375 - 124,800



PROJECT: MD 4, Pennsylvania Avenue

DESCRIPTION: Upgrade existing MD 4 to a multilane freeway from MD 223 to I-95/I-495 (Capital Beltway) (3.1 miles). Bicycles and pedestrians will be accommodated where appropriate. (BRAC Related)

JUSTIFICATION: Severe traffic congestion occurs during peak hours and will increase with planned development in the immediate area.

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

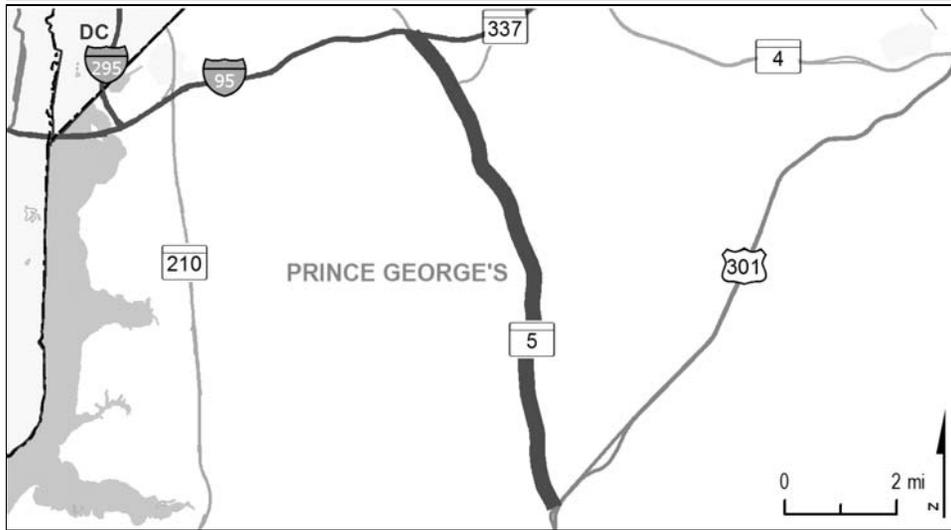
ASSOCIATED IMPROVEMENTS:
 MD 4, Interchange at Suitland Parkway (Line 8)
 I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 MD 223, Steed Road to MD 4 (Line 29)

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,615	1,615	0	0	0	0	0	0	0	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	1,615	1,615	0	0	0	0	0	0	0	0
Federal-Aid	786	786	0	0	0	0	0	0	0	0

CLASSIFICATION:
 STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway
STATE SYSTEM: Primary
Annual Average Daily Traffic (vehicles per day)
 CURRENT (2016) - 72,725
 PROJECTED (2035) - 99,325



PROJECT: MD 5, Branch Avenue

DESCRIPTION: Study to upgrade existing MD 5 to a multilane freeway from US 301 interchange at T.B. to north of I-95/I-495 Capital Beltway (10.5 miles). Bicycles and pedestrians will be accommodated where appropriate.

JUSTIFICATION: Severe traffic congestion occurs during peak hours, especially at signalized intersections. High accident rates exist at a number of the at-grade intersections along this section of MD 5. Traffic volumes will continue to increase as southern Prince George's County and Charles County continue to develop.

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/I-495, Branch Avenue Metro Station Access - Phase 2 (Line 1)
- MD 5, Interchange at MD 373 and Brandywine Road Relocated (Line 10)
- I-95/I-495 American Legion Bridge to Woodrow Wilson Bridge (Line 16)
- MD 5, Improvements at Linda Lane (Line 20)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, Waldorf Area Project (Line 25)

STATUS: Planning underway. Currently evaluating breakouts for needed short term safety improvements and capacity.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	4,091	3,961	130	0	0	0	0	0	0	130	0
Engineering	1,724	1,724	0	0	0	0	0	0	0	0	0
Right-of-way	8,169	8,169	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	13,984	13,854	130	0	0	0	0	0	0	130	0
Federal-Aid	7,684	7,684	0	0	0	0	0	0	0	0	0

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:
STATE - Principal Arterial
FEDERAL - Freeway/Expressway
STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)
CURRENT (2016) - 146,900
PROJECTED (2035) - 164,375



PROJECT: MD 5, Branch Avenue

DESCRIPTION: Geometric improvements at MD 5 and Linda Lane.

JUSTIFICATION: Project improves operations at MD 5 and Linda Lane.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 MD 5, US 301 at T.B. to north of I-95/I-495 (Line 19)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,100	608	1,000	750	742	0	0	0	2,492	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	3,100	608	1,000	750	742	0	0	0	2,492	0
Federal-Aid	3,100	608	1,000	750	742	0	0	0	2,492	0

CLASSIFICATION:

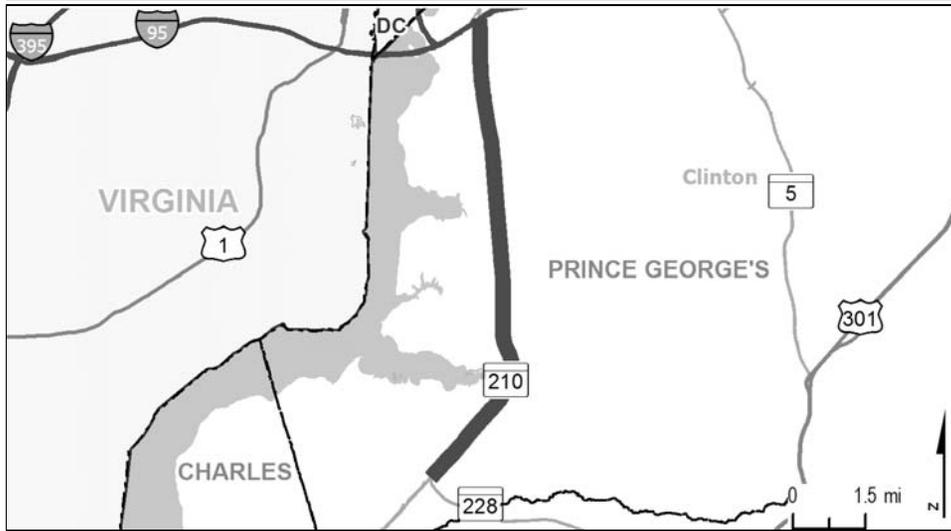
STATE - Principal Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 135,600

PROJECTED (2035) - 145,000



PROJECT: MD 210, Indian Head Highway

DESCRIPTION: Multimodal transportation study to relieve traffic congestion along MD 210 and improve intersections from I-95/I-495 to MD 228 (10.0 miles). Bicycles and pedestrians will be accommodated where appropriate.

JUSTIFICATION: Increased development along this corridor has caused MD 210 to have severe congestion during peak periods.

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 210, Interchange at Kerby Hill Road/Livingston Road (Line 12)
 I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,058	3,058	0	0	0	0	0	0	0	0
Engineering	1	1	0	0	0	0	0	0	0	0
Right-of-way	982	982	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	4,041	4,041	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

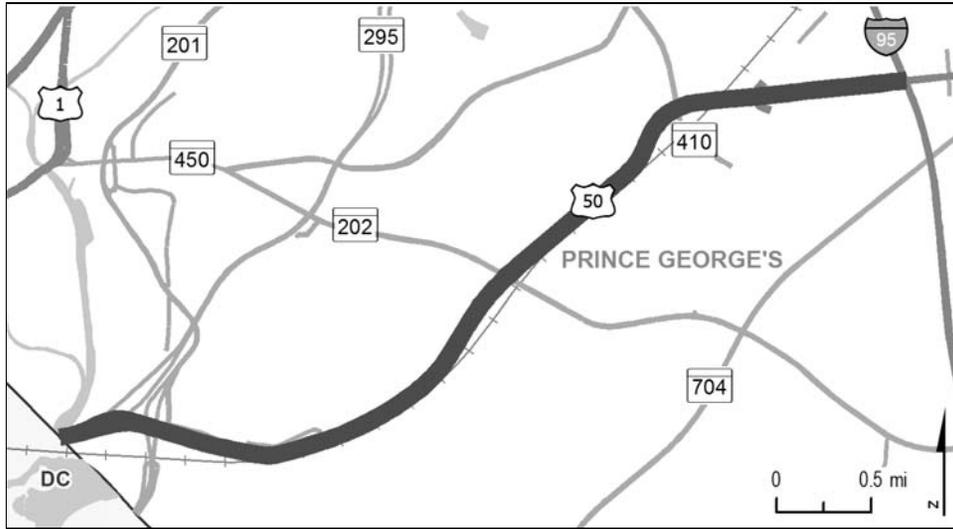
STATE - Intermediate Arterial
 FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 83,450

PROJECTED (2035) - 103,875



PROJECT: US 50, John Hanson Highway

DESCRIPTION: Feasibility study to investigate improving traffic capacity and operations for US 50 from the D.C. Line to MD 704 (5.0 miles).

JUSTIFICATION: This section of US 50 was identified as highly congested in the 2013 Maryland State Highway Mobility Report.

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:

US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Westbound (Line 6)
 US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Eastbound (Line 7)
 I-95/I-495, American Legion Bridge to Woodrow Wilson (Line 16)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	500	448	52	0	0	0	0	0	0	52	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	500	448	52	0	0	0	0	0	0	52	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

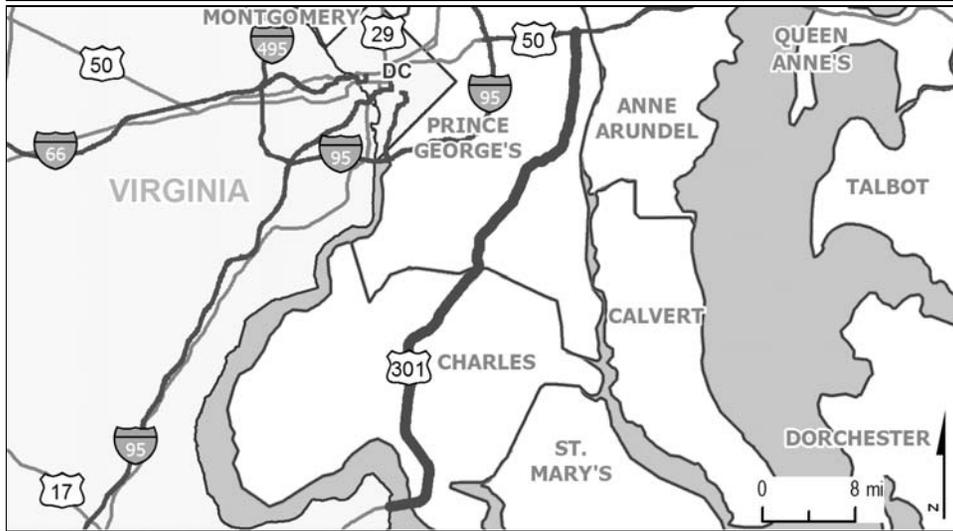
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 126,875

PROJECTED (2035) - 154,800



PROJECT: US 301, South Corridor Transportation Study

DESCRIPTION: The South Corridor Transportation Study is a multimodal study of US 301 corridor highway and transit improvements between the Potomac River/Virginia State Line and I-595/US 50 (50.3 miles).

JUSTIFICATION: This study will address transportation needs and consider related environmental and growth management issues.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet To Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

- US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Westbound (Line 6)
- US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Eastbound (Line 7)
- MD 5, Interchange at MD 373 and Brandywine Road Relocated (Line 11)
- MD 3, US 50 to MD 32 (Line 17)
- MD 5, US 301 at T.B. to North of I-95/I-495 (Line 19)
- US 301, North of Mount Oak Road to US 50 (Line 24)

STATUS: Planning on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$15.6 million is due to project being placed on hold.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	10,750	10,750	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	45,008	45,008	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	55,758	55,758	0	0	0	0	0	0	0	0	
Federal-Aid	11,881	11,881	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 22,900 (Charles) -
 87,800 (Prince George's)
PROJECTED (2035) - 27,300 (Charles) -
 122,000 (Prince George's)



PROJECT: US 301, Crain Highway

DESCRIPTION: Study to upgrade and widen US 301 from, north of Mount Oak Road to US 50 (2.0 miles), and MD 197 from US 301 to Mitchellville Road (0.3 miles). Bicycles and pedestrians will be accommodated where appropriate.

JUSTIFICATION: Improvements are needed to accommodate the existing and projected high volumes of traffic generated by continuous growth along the US 301 corridor and to address existing safety problems.

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:

- US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Westbound (Line 6)
- US 50, East of Lottsford Vista Rd. to Anne Arundel County Line - Eastbound (Line 7)
- MD 3, US 50 to MD 32 (Line 17)
- US 301, South Corridor Transportation Study (Line 23)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,504	2,504	0	0	0	0	0	0	0	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	2,504	2,504	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

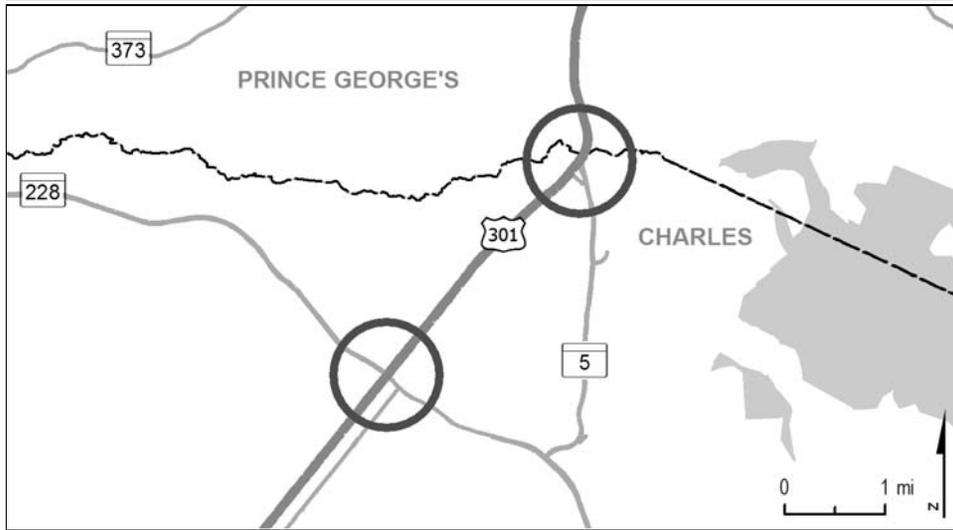
CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 69,175 (US 301)
 22,500 (MD 197)
PROJECTED (2035) - 122,000 (US 301)
 33,500 (MD 197)



PROJECT: US 301, Crain Highway

DESCRIPTION: Study to upgrade US 301 intersections at MD 5 and MD 228/MD 5BU.

JUSTIFICATION: US 301 corridor improvements will improve safety, reduce congestion, and provide capacity for planned development.

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 5, Interchange at MD 373 and Brandywine Road Relocated (Line 11)
- MD 5, US 301 to I-95/I-495 (Line 19)
- US 301, South Corridor Transportation Study (Line 23)
- US 301, North of Mount Oak Road to US 50 (Line 24)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	14,636	10,915	1,000	1,000	1,721	0	0	0	0	3,721	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	14,636	10,915	1,000	1,000	1,721	0	0	0	0	3,721	0
Federal-Aid	10,269	8,269	1,000	1,000	0	0	0	0	0	2,000	0

CLASSIFICATION:

STATE - Principal Arterial

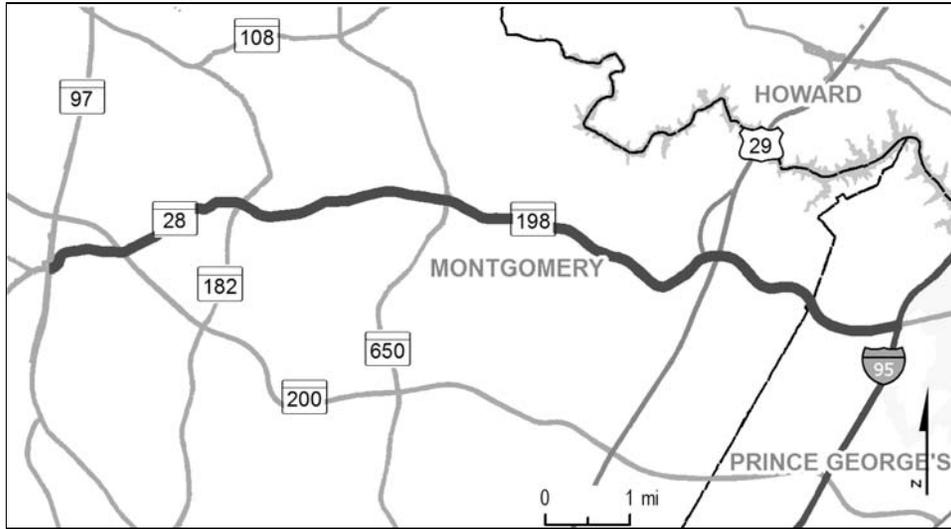
FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 63,400 (Charles) -
87,800 (Prince George's)

PROJECTED (2035) - 78,100 (Charles) -
122,000 (Prince George's)



PROJECT: MD 28, Norbeck Road, and MD 198, Spencerville Road/Sandy Spring Road

DESCRIPTION: Study of MD 28/MD 198 corridor safety, capacity, and operational improvements in Montgomery and Prince George's counties, between MD 97 and I-95 (11.1 miles). Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: This project would address safety in the MD 28/MD 198 corridor. This project would also reduce traffic congestion and improve traffic operations.

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 97/MD 28, Interchange (Montgomery County Line 20)

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	7,032	5,197	1,125	710	0	0	0	0	1,835	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	2	2	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,034	5,199	1,125	710	0	0	0	0	1,835	0
Federal-Aid	3,207	3,207	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 20,000 - 37,500 (MD 28)
 16,800 - 47,000 (MD 198)

PROJECTED (2035) - 30,500 - 52,500 (MD 28)
 30,000 - 58,500 (MD 198)



PROJECT: MD 197, Collington Road

DESCRIPTION: Upgrade and widen existing MD 197 to a multilane divided highway from Kenhill Drive to MD 450 Relocated (1.4 miles). Sidewalks will be included where appropriate. Wide curb lanes will accommodate bicycles.

JUSTIFICATION: Additional lanes are needed to accommodate increasing volumes of traffic. This improvement would provide better access to the City of Bowie.

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: Engineering on-hold. County contributed \$1.0 million to planning study.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Engineering funding deferred to FY 2023..

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,588	1,588	0	0	0	0	0	0	0	0	0
Engineering	10,554	1,750	0	0	0	0	0	0	0	0	8,804
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	12,142	3,338	0	0	0	0	0	0	0	0	8,804
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

POTENTIAL FUNDING SOURCE:

SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - Intermediate Arterial

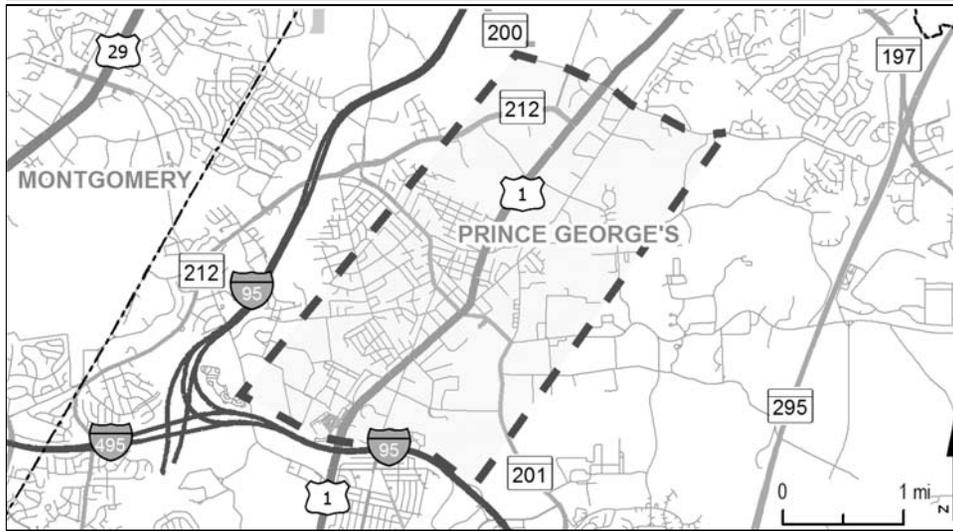
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 33,000

PROJECTED (2035) - 40,700



PROJECT: MD 201 Extended (Edmonston Road)/US 1 (Baltimore Ave.)

DESCRIPTION: Study of capacity improvements on MD 201 and US 1 from I-95/I-495 (Capital Beltway) to north of Muirkirk Road (7.1 miles). Bicycle and pedestrian access will be considered as part of this project.

JUSTIFICATION: US 1 and MD 201 are over capacity and experience severe congestion during peak periods. The existing local roadway network is inadequate. The industrial and employment centers in the area are being developed, which is expected to further increase traffic.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 US 1, MD 193 to I-95/I-495 (Capital Beltway) (Line 32)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	6,839	6,839	0	0	0	0	0	0	0	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	6,839	6,839	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

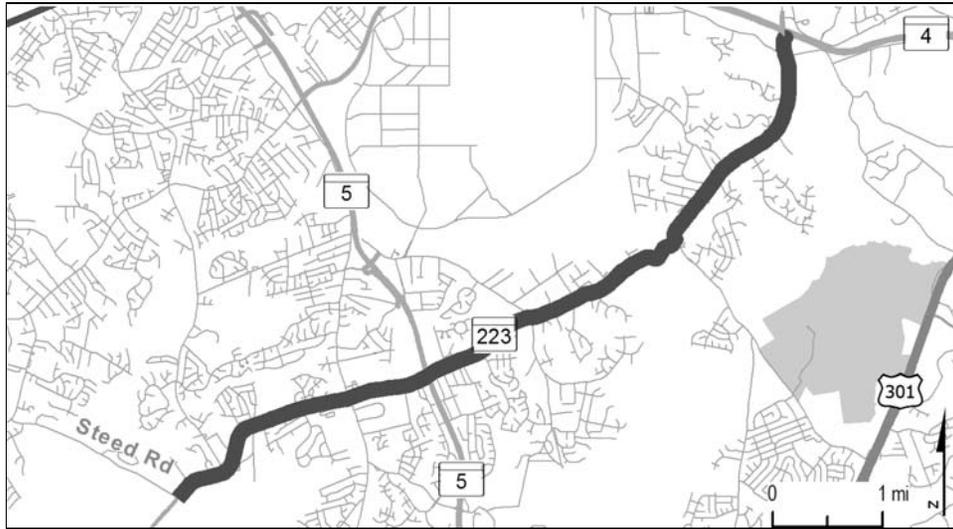
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 47,750

PROJECTED (2035) - 65,500



PROJECT: MD 223, Piscataway Road

DESCRIPTION: A study to establish a long term vision for the MD 223 Corridor, from Steed Road to MD 4 (7.9 miles). Bicycle and pedestrian facilities will be included where appropriate.

JUSTIFICATION: Increased development along the MD 223 corridor has caused traffic congestion during peak hours. A long term vision for the corridor is needed, from which a series of short-term safety and operational improvements can be developed and prioritized.

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 4, MD 223 to I-95/I-495 (Capital Beltway) (Line 18)
 MD 5, US 301 at TB to I-95/495 (Line 19)

STATUS: Corridor Study complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,285	1,285	0	0	0	0	0	0	0	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	1,285	1,285	0	0	0	0	0	0	0	0
Federal-Aid	587	587	0	0	0	0	0	0	0	0

CLASSIFICATION:

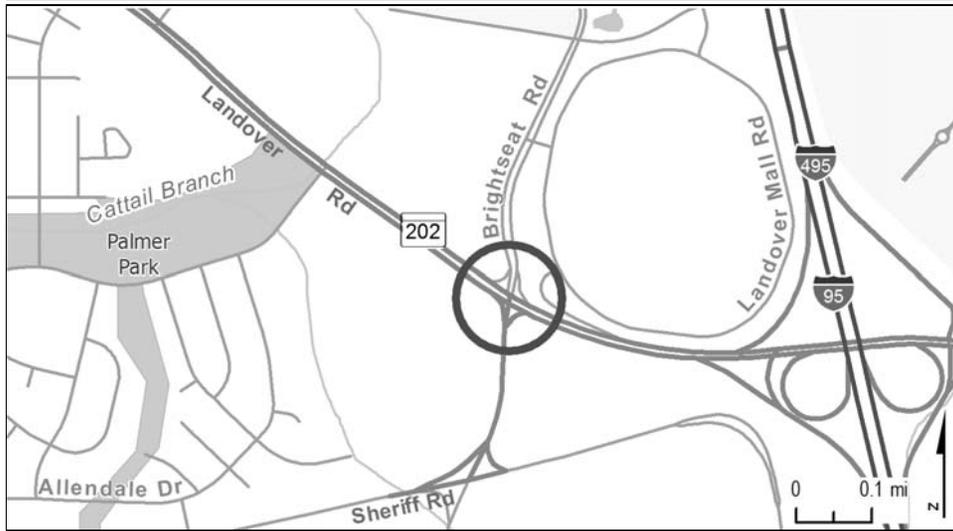
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 42,450

PROJECTED (2035) - 52,400



PROJECT: MD 202, Largo Road

DESCRIPTION: Improve the MD 202 intersection at Brightseat Road. This improvement will enhance capacity, operations and safety of the intersection. Pedestrian and bicycle facilities will be included where appropriate.

JUSTIFICATION: This project will provide improved access to the Landover Mall which is being planned for revitalization by the County.

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, American Legion Bridge to Woodrow Wilson Bridge (Line 16)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	461	461	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	461	461	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

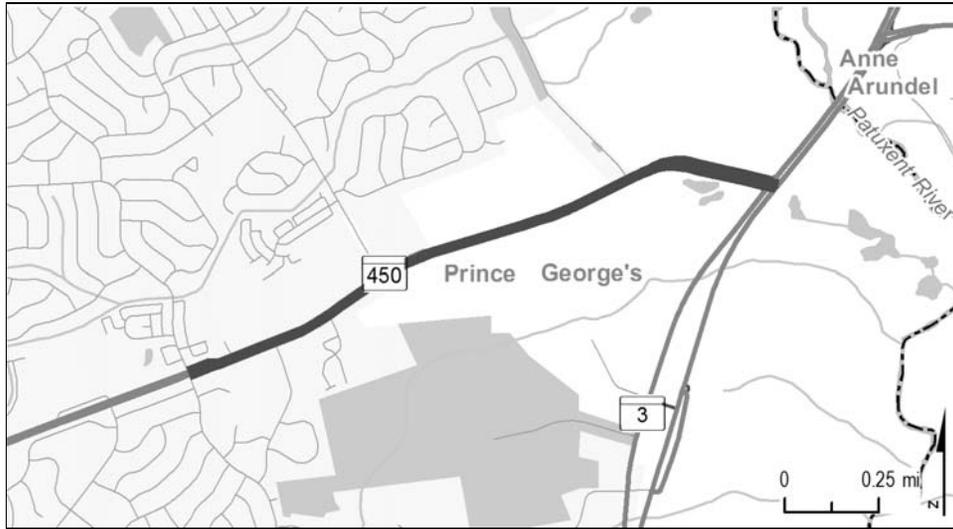
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 55,850

PROJECTED (2035) - 72,050



PROJECT: MD 450, Annapolis Road

DESCRIPTION: Upgrade and widen existing MD 450 to a multilane divided highway from Stonybrook Drive to west of MD 3 (1.4 miles). Bicycle and pedestrian facilities will be included where appropriate.

JUSTIFICATION: Additional lanes are needed to accommodate increasing volumes of traffic. This improvement would provide better access to developing areas of central Prince George's County.

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 3, US 50 to MD 32 (Line 17)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,334	1,334	0	0	0	0	0	0	0	0
Engineering	1,478	1,478	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	2,812	2,812	0	0	0	0	0	0	0	0
Federal-Aid	1,182	1,182	0	0	0	0	0	0	0	0

CLASSIFICATION:

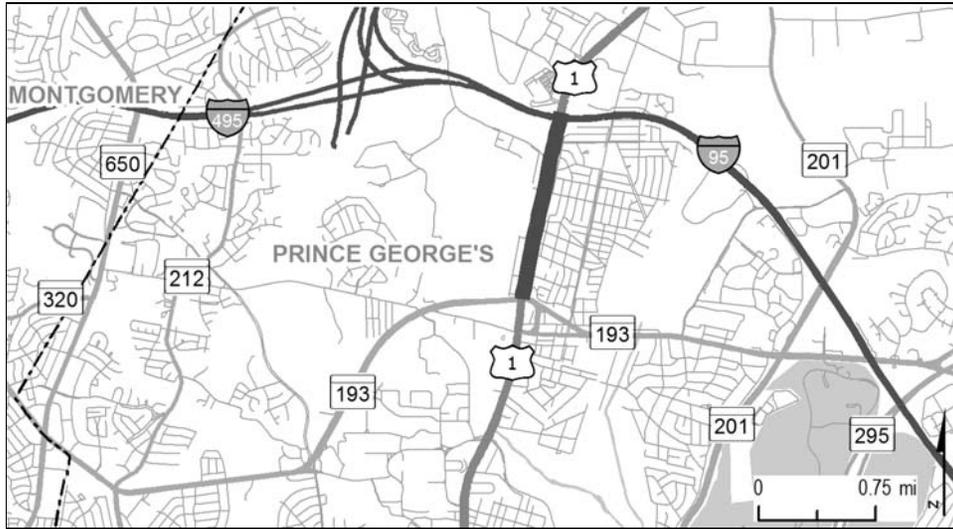
STATE - Minor Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 29,750

PROJECTED (2035) - 61,850



PROJECT: US 1, Baltimore Avenue

DESCRIPTION: Reconstruct US 1 from MD 193 to I-95 (Capital Beltway) (Segments 2 and 3) (1.1 miles). Bicycle and pedestrian facilities will be included where appropriate.

JUSTIFICATION: Major traffic congestion is experienced along this segment of US 1. This project would improve traffic operations, pedestrian circulation, and safety. This project would also accommodate planned revitalization within College Park.

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/I-495, American Legion Bridge to Woodrow Wilson Bridge (Line 16)
 US 1, College Avenue to MD 193 (Segment 1) (Line 15)
 MD 201 Extended/US 1, I-95/I-495 to north of Muirkirk Road (Line 28)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,387	1,387	0	0	0	0	0	0	0	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	1,387	1,387	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 48,875

PROJECTED (2035) - 66,825

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- PRINCE GEORGE'S COUNTY LINE 33

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1	US 1	Baltimore Avenue, Albion Road to structure 16004 over Paint Branch; resurface	3,714	Completed
2	I 95	Capital Beltway; Glenarden Parkway to US 50; resurface	5,700	Completed
3	MD 193	University Boulevard; Rhode Island Avenue to South Way; resurface	7,088	Completed
4	MD 201	Kenilworth Avenue; Good Luck Road to I-95; resurface	4,008	Completed
5	MD 210 NB	Indian Head Highway; MD 373 to Farmington; resurface	3,113	Completed
6	US 301	Crain Highway; MD 5 to Westwood Drive; resurface	5,517	Completed
7	US 301	Crain Highway; Old Crain Highway to Railroad crossing; resurface	2,865	Completed
<u>Environmental Preservation</u>				
8	MD 197	Laurel Bowie Road; At Patuxent Wildlife Research Center; reforestation	58	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
9		At various locations in Prince George's County; mill and resurface	14,458	FY 2017
10	US 1 Alt	Bladensburg Road; DC line to Anacostia River bridge; resurface	3,021	FY 2017
11	MD 5	Branch Avenue; Surratts Road to MD 223; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,526	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- PRINCE GEORGE'S COUNTY LINE 33 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
12	MD 5	Branch Avenue; Moores Road to Surratts Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,861	FY 2017
13	MD 193	University Boulevard; Campus Drive to US 1; resurface	5,500	Under construction
14	MD 202	Largo Road; US 50 to MD 450 (Annapolis Road); safety and resurface	2,829	FY 2017
15	MD 202	Largo Road; Brightseat to MD 704; resurface	2,419	Under construction
16	MD 210 NB	Indian Head Highway; Farmington Road to Old Fort Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,017	FY 2017
17	US 301	Crain Highway; South Osborne Road to MD 381 (Old Crain Highway); safety and resurface	1,736	FY 2017
18	US 301	Crain Highway; 481 ft south of Excalibur Road to 1800 ft north of MD 3 structure 16236; resurface	4,772	Under construction
19	MD 414	St. Barnabas Road; I 95 to MD 5; resurface	5,054	Under construction
20	MD 458	Silver Hill Road; MD 5 to Walker Mill Road; resurface	7,838	Under construction
21	MD 650	New Hampshire Avenue; North of Merrimac Drive to Montgomery County line; resurface	3,106	Under construction
22	MD 704	Martin Luther King Jr Highway; Ardwick Ardmore Road to 92nd Avenue; resurface	2,015	Under construction
23	MD 704	Martin Luther King Jr Highway; Hill Road to Greenleaf Road; resurface	2,880	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- PRINCE GEORGE'S COUNTY LINE 33 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
24		At various locations on Capital Beltway, Stephanie Roper Highway, Indian Head Highway; clean/paint bridges	1,905	Under construction
25	I 95	Bridge 1619701 and 1619702 over Patuxent River; clean/paint bridges	2,009	Under construction
26	I 495	Bridge 1612000, 1612200, 1612300, 1615905, 1615906, 1617400 and 1621400 along I-495, MD 197; clean/paint bridges	2,144	Under construction
<u>Safety/Spot Improvement</u>				
27		At various locations in Prince George's County; drainage improvement Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,288	FY 2017
28		On MD 4 and MD 214; drainage improvement	1,775	FY 2017
29	US 1	Baltimore Avenue; at Ammendale Road; drainage improvement	7,619	Under construction
30	MD 3	Crain Highway; at Forest Drive; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,931	FY 2017
31	MD 198	Sandy Spring Road; Riding Stable Road to I-95 and mainline I-95 south of ICC to Howard County line; resurface	6,570	Under construction
32	MD 214	Central Avenue; at I-95/495; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	560	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- PRINCE GEORGE'S COUNTY LINE 33 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Urban Reconstruction</u>				
33	MD 5	Branch Avenue; Curtis Drive to north of Suitland Parkway/Naylor Road from Branch Avenue; urban reconstruction (Transportation Infrastructure Investment Act of 2013)	8,707	Under construction
34	MD 201	Kenilworth Avenue; Kenilworth Towers to Riverdale Road; urban reconstruction (Transportation Infrastructure Investment Act of 2013)	9,556	Under construction
35	MD 212 A	Powder Mill Road; Pine Street to the US 1 intersection; urban reconstruction (Funded for preliminary engineering)	2,000	Design Underway
36	MD 500	Queens Chapel Road; District of Columbia Line to MD 208; urban reconstruction (Funded for preliminary engineering)	2,947	Design Underway
<u>Noise Barriers</u>				
37	US 50	John Hanson Highway; at MD 410; noise abatement (Transportation Infrastructure Investment Act of 2013)	2,224	Under construction
<u>Traffic Management</u>				
38		MD 202 & MD 214 with APS/CPS; signalization Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,852	FY 2017
39	MD 4	Pennsylvania Avenue; MD 4PA to MD 980D; signing	1,470	Under construction
40	I 95	At I-495 interchange; lighting	2,971	Under construction
41	I 95	Capital Beltway; at I-595 interchange; lighting	2,771	Under construction
42	MD 214	Central Avenue; I-495 and MD 202; signing	2,059	FY 2017

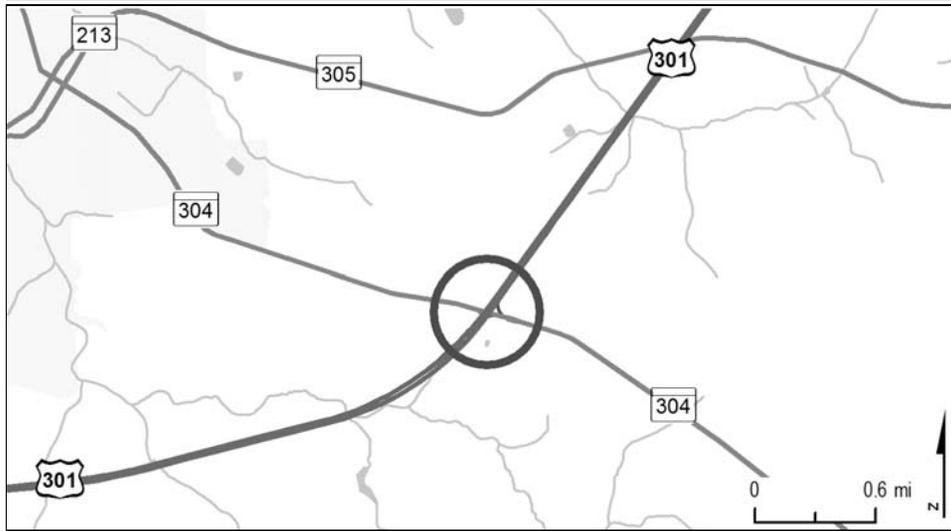
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- PRINCE GEORGE'S COUNTY LINE 33 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
43	US 301	Crain Highway; at MD 214; lighting	1,065	Under construction
<u>Environmental Preservation</u>				
44		Anacostia Gateway Park ; landscape	453	FY 2017
45	US 50	John Hanson Highway; West of I-95 to the AA county line; landscape	1,929	Under construction
46	I 495	Capital Beltway; IRVM, VEG MGMT - MO/PG county line to MD/VA line - Phase 1; landscape	4,347	FY 2017
<u>Truck Weight</u>				
47		John F Kennedy Memorial Highway; College Park Weigh Station; weigh station	2,184	Under construction
<u>TMDL Compliance</u>				
48		Rosaryville State Park; drainage improvement (reimbursed by DNR)	0	FY 2017
49		Charles Branch Tributaries; wetlands replacement	4,490	FY 2017
50	MD 210	Indian Head Highway; Along MD 210; drainage improvement (Transportation Infrastructure Investment Act of 2013)	2,193	Under construction



QUEEN ANNE'S COUNTY



PROJECT: US 301, Blue Star Memorial Highway

DESCRIPTION: Construct a new interchange at MD 304. Shoulders on MD 304 will accommodate bicycles and pedestrians. J-turns at the intersection of US 301 and MD 305 are also being constructed as a part of the project.

PURPOSE & NEED SUMMARY STATEMENT: The existing at-grade intersection creates a conflict point on a high speed arterial. This project will improve safety and access controls on US 301.

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 project will improve safety and operations by removing an at-grade conflict point along a high speed arterial.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,099	1,099	0	0	0	0	0	0	0	0	0	
Engineering	3,612	3,612	0	0	0	0	0	0	0	0	0	
Right-of-way	4,547	3,351	811	385	0	0	0	0	0	1,196	0	
Construction	34,955	17,740	17,215	0	0	0	0	0	0	17,215	0	
Total	44,213	25,802	18,026	385	0	0	0	0	0	18,411	0	
Federal-Aid	4,370	4,105	211	54	0	0	0	0	0	265	0	

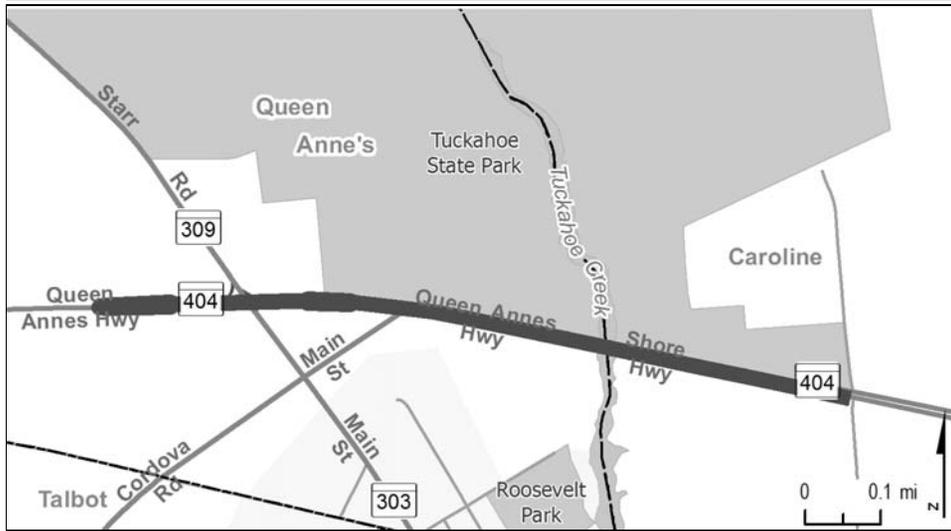
CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 22,600 (US301)
 5,400 (MD 304)
PROJECTED (2035) - 35,900 (US 301)
 8,050 (MD 304)



PROJECT: MD 404, Shore Highway

DESCRIPTION: Upgrade existing MD 404 from west of MD 309 to Cemetery Road (Phase 1B) (1.1 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project is needed to reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic and to improve safety and service.

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 404, US 50 to MD 309 Business (Line 3)

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

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

EXPLANATION: This roadway expansion will improve safety and reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic, helping to support Maryland tourism.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	3,182	3,182	0	0	0	0	0	0	0	0	
Right-of-way	6,164	4,870	1,294	0	0	0	0	0	1,294	0	
Construction	21,857	17,651	4,206	0	0	0	0	0	4,206	0	
Total	31,203	25,703	5,500	0	0	0	0	0	5,500	0	
Federal-Aid	26,325	21,538	4,787	0	0	0	0	0	4,787	0	

CLASSIFICATION:

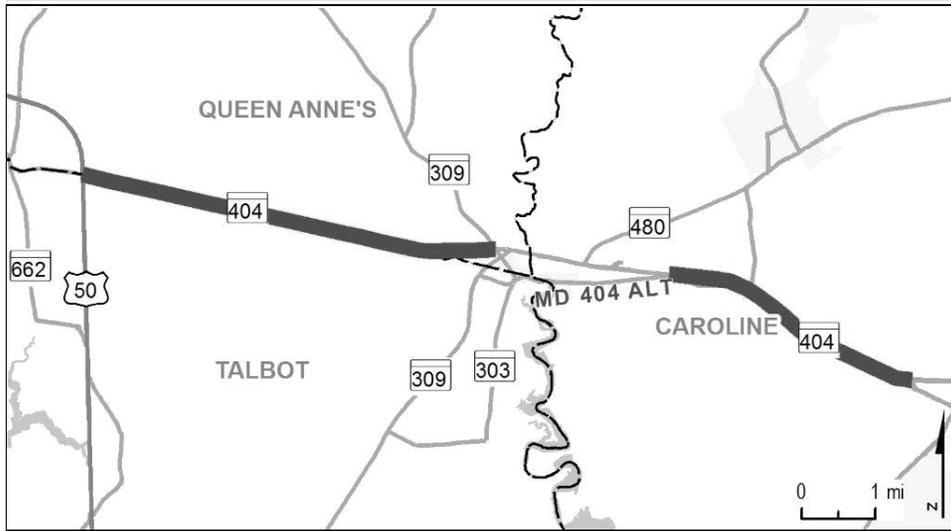
STATE - Other Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 17,050

PROJECTED (2035) - 27,700



PROJECT: MD 404, Shore Highway

DESCRIPTION: Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to MD 309 (5.8 miles) and west of Hillsboro Road to Holly Road (3.4 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project is needed to reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic and to improve safety and operations.

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:

US 50, US 301 to MD 404 (Line 4)
 MD 404, West of MD 309 to Cemetery Road (Caroline County Line 1)

EXPLANATION: This roadway expansion will improve safety and reduce traffic congestion caused by high seasonal peaks associated with summer resort traffic, helping to support Maryland tourism.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$7.8 million is due to an unfavorable bid.

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							
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	559	559	0	0	0	0	0	0	0	0
Engineering	11,593	10,593	1,000	0	0	0	0	0	0	1,000
Right-of-way	28,797	3,481	7,267	8,597	8,008	1,444	0	0	0	25,316
Construction	127,289	6	50,913	76,370	0	0	0	0	0	127,283
Total	168,238	14,639	59,180	84,967	8,008	1,444	0	0	0	153,599
Federal-Aid	128,065	11,123	45,207	64,289	6,320	1,126	0	0	0	116,942

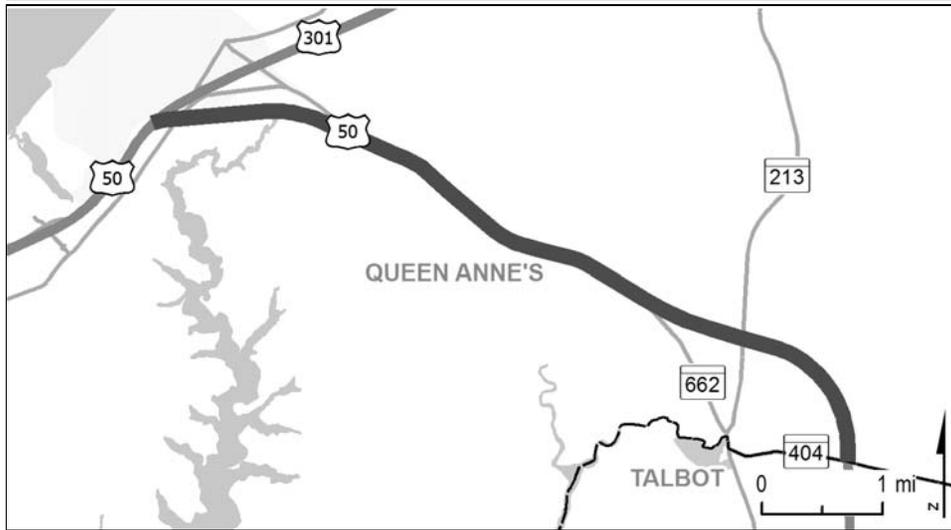
CLASSIFICATION:

STATE - Other Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 16,175
 19,900 (Summer)
PROJECTED (2035) - 21,875
 26,900 (Summer)



PROJECT: US 50, Ocean Gateway

DESCRIPTION: Widen existing US 50 from US 301 at Queenstown to MD 404 (13.8 miles) to 6 lanes, acquire access controls, and replace at-grade intersections with interchanges. Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: This project will provide increased capacity to relieve traffic congestion and improve safety.

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 404, US 50 to MD 404 Business (Line 3)

STATUS: Advanced Right-of-Way acquisition underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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								SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,557	1,557	0	0	0	0	0	0	0	0
Engineering	6,723	6,723	0	0	0	0	0	0	0	0
Right-of-way	12,014	9,791	2,223	0	0	0	0	0	2,223	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	20,294	18,071	2,223	0	0	0	0	0	2,223	0
Federal-Aid	7,573	7,573	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 53,500
 74,500 (Summer)

PROJECTED (2035) - 86,850
 100,650 (Summer)

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- QUEEN ANNE'S COUNTY LINE 5

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Queen Anne's County; mill and resurface	5,949	FY 2017
2		At various locations in Queen Anne's County; resurface	6,803	Under construction
3	US 50	Blue Star Memorial Highway; Beginning on SHA maintenance to structure 17046 over Kent Narrows; safety and resurface	6,300	FY 2017
4	US 50	Blue Star Memorial Highway; Structure 17046 over Kent Narrows to US 301; safety and resurface	2,000	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
5	US 301	Blue Star Memorial Highway; bridge 1701101 and 1701201 over MD 290 and Red Lion Branch; bridge deck replacement Funding provided by the Governor's Investment in Highways and Bridges Initiative	5,569	FY 2017
<u>Urban Reconstruction</u>				
6	MD 303	Main Street; MD 309 to MD 404 Alt, MD 303 to Caroline County line; urban reconstruction (Funded for preliminary engineering)	823	Design Underway
<u>Traffic Management</u>				
7		East of MD 8 to West of US 50/301 Split; lighting	2,992	Under construction
<u>Environmental Preservation</u>				
8	MD 544	McGinnes Road; 0.14 miles east of Jim Jungle Road to Jim Jungle Road; landscape	194	FY 2017



SAINT MARY'S COUNTY



PROJECT: MD 5, Point Lookout Road

DESCRIPTION: Reconstruct the MD 5 intersection at Abell Street/Moakley Street. This project will accommodate buggies, bicycles, and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: MD 5 intersection improvements will reduce congestion and provide capacity for planned development.

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 5 Corridor, MD 243 to MD 245 (Line 5)

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

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

EXPLANATION: MD 5 is a critical link in Southern Maryland. Improving operations supports critical regional transportation needs.

STATUS: Engineering and Right-of-Way underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:										PROJECT CASH FLOW	
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY							
				.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	3,000	665	1,090	800	445	0	0	0	0	2,335	0	
Right-of-way	3,925	40	1,860	1,400	500	125	0	0	0	3,885	0	
Construction	6,000	0	0	0	506	932	1,192	1,208	3,838	2,162		
Total	12,925	705	2,950	2,200	1,451	1,057	1,192	1,208	10,058	2,162		
Federal-Aid	4,680	0	0	0	395	727	930	942	2,994	1,686		

CLASSIFICATION:

STATE - Minor Arterial

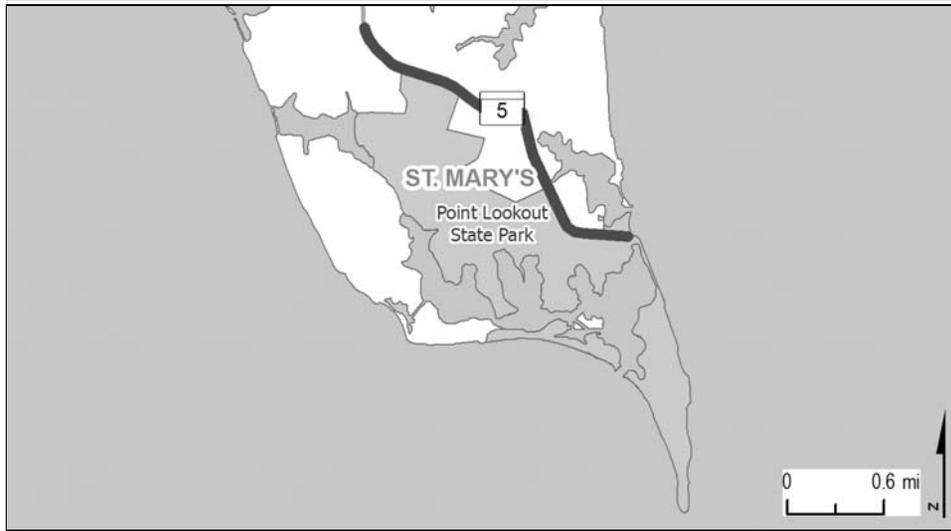
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 26,650

PROJECTED (2035) - 32,525



PROJECT: MD 5, Point Lookout Road

DESCRIPTION: Upgrade and widen MD 5 from south of Camp Brown Road to the Lake Conoy causeway (2.2 miles). This project will accommodate bicycles and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: MD 5 corridor improvements will improve safety by adding shoulders, and improving safety for Point Lookout State Park visitors, especially those driving recreational vehicles, who may be unfamiliar with the roadway.

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: The existing roadway does not meet current design standards creating unsafe conditions.

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	456	456	0	0	0	0	0	0	0	0
Engineering	2,794	1,584	750	460	0	0	0	0	1,210	0
Right-of-way	2,884	1	819	1,000	545	519	0	0	2,883	0
Construction	13,011	0	0	0	2,446	6,629	3,936	0	13,011	0
Total	19,145	2,041	1,569	1,460	2,991	7,148	3,936	0	17,104	0
Federal-Aid	12,693	296	639	780	2,333	5,575	3,070	0	12,397	0

CLASSIFICATION:

STATE - Major Collector

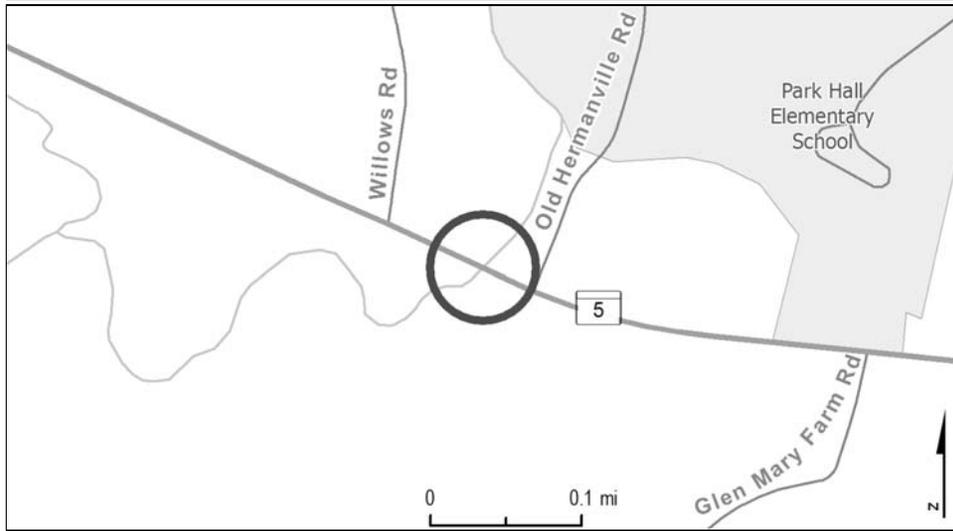
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 4,900 (Summer Peak)

PROJECTED (2035) - 7,000 (Summer Peak)



PROJECT: MD 5, Point Lookout Road

DESCRIPTION: Replace Bridge 18008 over Eastern Branch. This project will accommodate cyclists and pedestrians as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing bridge structure, built in 1936, is structurally deficient.

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: The existing structure is structurally deficient.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,219	1,219	0	0	0	0	0	0	0	0	0	0
Right-of-way	84	84	0	0	0	0	0	0	0	0	0	0
Construction	4,958	4,628	330	0	0	0	0	0	0	330	0	0
Total	6,261	5,931	330	0	0	0	0	0	0	330	0	0
Federal-Aid	4,297	4,039	258	0	0	0	0	0	0	258	0	0

CLASSIFICATION:

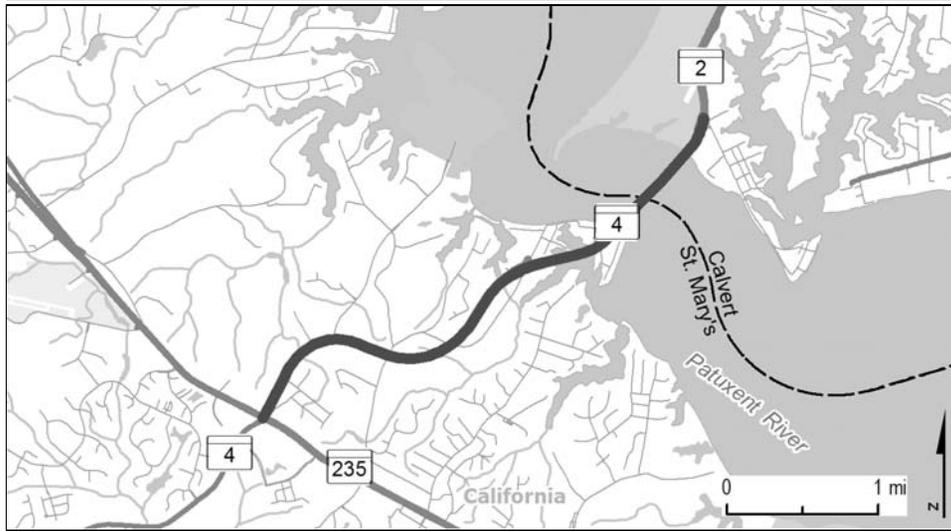
STATE - Major Collector
 FEDERAL - Rural Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 11,100

PROJECTED (2035) - 18,100



PROJECT: MD 4, Patuxent Beach Road and Solomons Island Road

DESCRIPTION: Study to upgrade MD 4 between MD 2 and MD 235 (4.0 miles), including the Governor Thomas Johnson Memorial Bridge (Bridge 04019) over the Patuxent River and the intersection at MD 235 (2.9 miles). This project will include bicycle and pedestrian accommodations as appropriate.

JUSTIFICATION: MD 4 corridor improvements will reduce congestion and provide capacity for planned development.

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 for entire corridor. Engineering underway for the bridge.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	5,035	4,914	121	0	0	0	0	0	0	121	0
Engineering	15,000	603	3,750	3,750	3,750	3,147	0	0	0	14,397	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	20,035	5,517	3,871	3,750	3,750	3,147	0	0	0	14,518	0
Federal-Aid	3,557	3,436	121	0	0	0	0	0	0	121	0

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,550

PROJECTED (2035) - 36,650



PROJECT: MD 5, Point Lookout Road

DESCRIPTION: Study to upgrade MD 5 between MD 243 and MD 245 (1.4 miles).

JUSTIFICATION: MD 5 corridor improvements will improve safety, reduce congestion, and provide capacity for planned development.

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 5, at Abell Street/Moakley Street (Line 1)
 MD 245, MD 5 to Baldrige Street (System Preservation Program)

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,174	2,174	0	0	0	0	0	0	0	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	2,174	2,174	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

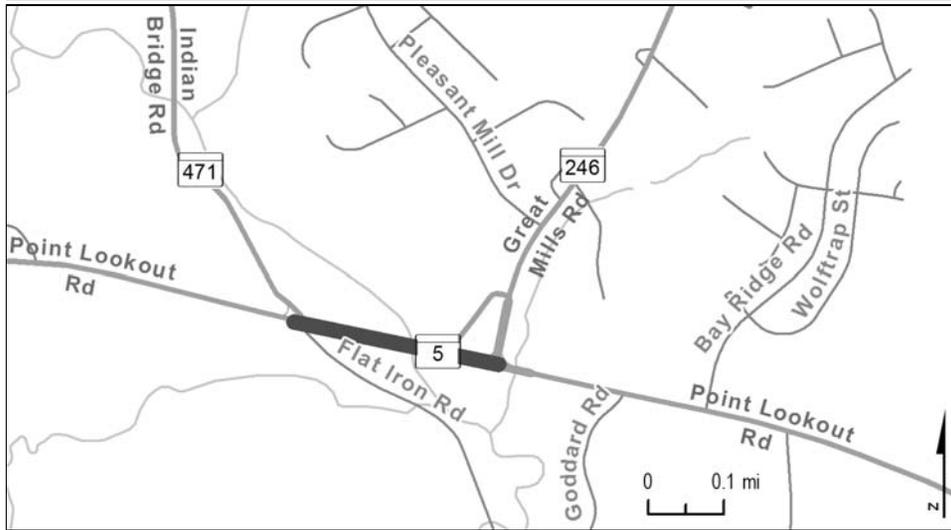
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 30,200

PROJECTED (2035) - 50,750



PROJECT: MD 5, Point Lookout Road

DESCRIPTION: Upgrade MD 5 from MD 471 to MD 246, including Bridge 18006 over the Saint Mary's River (0.3 miles).

JUSTIFICATION: MD 5 corridor improvements will reduce congestion and provide capacity for planned development.

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 and Engineering underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,342	692	400	250	0	0	0	0	650	0
Engineering	2,907	178	480	670	829	750	0	0	2,729	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	4,249	870	880	920	829	750	0	0	3,379	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 21,950

PROJECTED (2035) - 25,900

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ST. MARY'S COUNTY LINE 7

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
1		Three Notch Trail Phase VI; 5 mile hiker biker trail	1,789	Completed
		<u>Congressional Earmarks</u>		
2		Patuxent River Naval Air Museum and Visitor Center (Earmark \$3.4 million ; CO) (complete)	0	
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
3		At various locations in St. Mary's county; mill and resurface	11,400	Under construction
4		At various locations in St. Mary's county; resurface	10,409	Under construction
		<u>Safety/Spot Improvement</u>		
5	MD 4	Patuxent Beach Road; MD 235 to Patuxent Boulevard; resurface and widen (Transportation Infrastructure Investment Act of 2013)	3,813	Under construction
6	MD 235	Three Notch Road; Along MD 235 in California, MD; drainage improvement	499	FY 2017
		<u>Sidewalks</u>		
7	MD 245	Hollywood Road; MD 5 to Baldrige Street - Phase 1; sidewalks	765	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

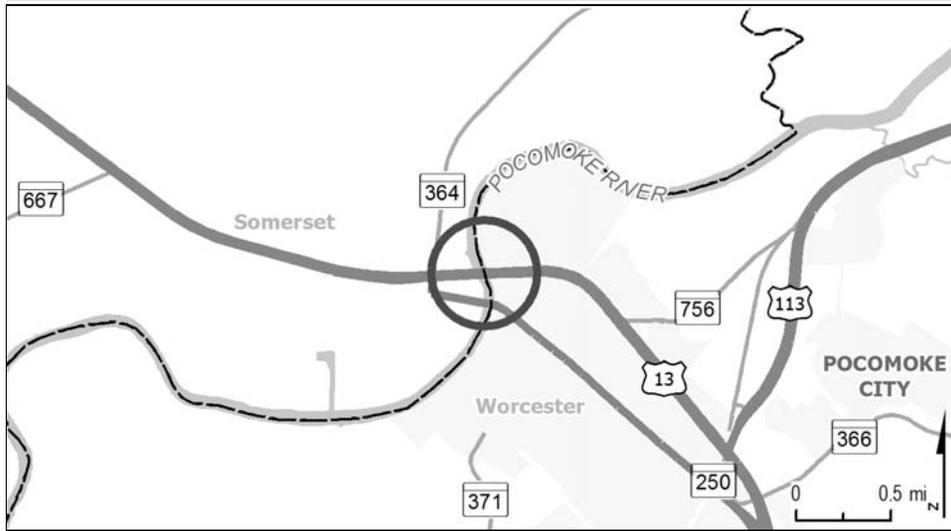
STATE HIGHWAY ADMINISTRATION -- ST. MARY'S COUNTY LINE 7 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Intersection Capacity Improvements</u>				
8	MD 234	Budds Creek Road; at MD 242; roundabout	2,768	FY 2017
<u>Congressional Earmarks</u>				
9		St. Mary's College MD 5; Re-aligning the intersection of MD 5 and Trinity Church Road; safety improvements and traffic calming on MD 5 to include sidewalks, street lighting, curbs and bicycle lanes and the design of pedestrian pathway parallel to MD 5 across Fishers Creek (Earmark \$1.5 million) and (Earmark \$500,000; CO)	0	

SHA



SOMERSET COUNTY



PROJECT: US 13, Ocean Highway

DESCRIPTION: Rehabilitation of Bridges 2301601, built in 1966, and 2301602, built in 1959, over the Pocomoke River. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations of the bridge. The project will also repair structural deficiencies within the substructure and superstructure.

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: The northbound and southbound bridge decks have reached the end of their structural life and are in need of repairs. As the primary route over the Pocomoke River, replacing decks will help provide for the secure transportation of assets and operations for the safe movement of goods and people.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$3.3 million is due to the replacement of bearings that were not included in the original scope of work.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	510	510	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	19,925	19,020	905	0	0	0	0	0	905	0
Total	20,435	19,530	905	0	0	0	0	0	905	0
Federal-Aid	16,197	15,472	725	0	0	0	0	0	725	0

CLASSIFICATION:

STATE - Other Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 14,350

PROJECTED (2035) - 17,100

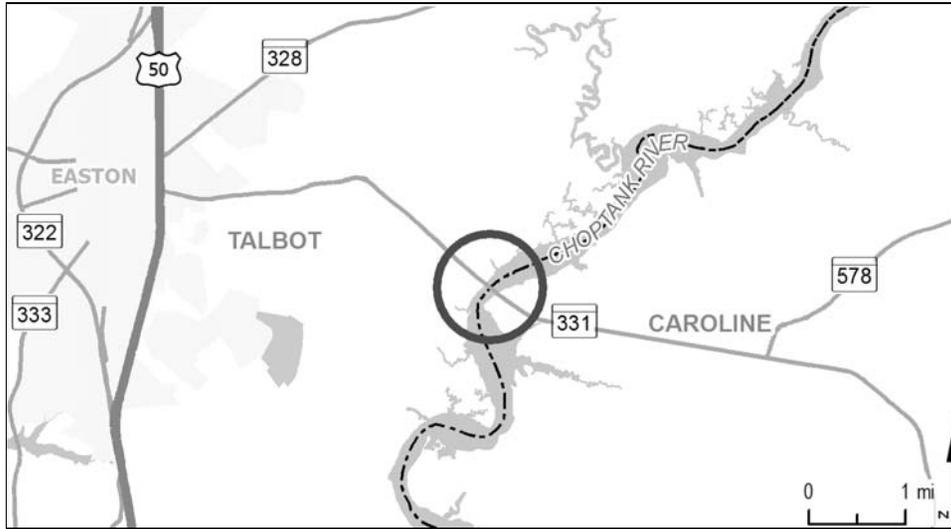
SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- SOMERSET COUNTY LINE 2

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Somerset county; resurface	9,025	FY 2017
2		At various locations in Somerset county; resurface	7,924	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
3	US 13	Ocean Highway; Bridge 1900302 over Kings Creek; bridge rehabilitation	1,828	Under construction
<u>Safety/Spot Improvement</u>				
4	MD 413	Crisfield Highway; At Tulls Corner Road; geometric improvements	3,500	FY 2018



TALBOT COUNTY



PROJECT: MD 331, Dover Road

DESCRIPTION: Replace Bridge 20023 over Choptank River. The new span will be located south of the existing roadway and provide a 50 foot river clearance. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: Constructing a new bridge will provide a safe and dependable MD 331 crossing of the Choptank River accommodating both vehicular and marine traffic. The existing drawbridge routinely experiences mechanical difficulties affecting commerce and emergency services in Caroline and Talbot counties. This bridge, built in 1932, is functionally obsolete.

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: The drawbridge on the old span has experienced mechanical difficulties affecting commerce and emergency services. The existing bridge is functionally obsolete.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	584	584	0	0	0	0	0	0	0	0	0
Engineering	1,675	1,675	0	0	0	0	0	0	0	0	0
Right-of-way	3,792	862	2,072	858	0	0	0	0	0	2,930	0
Construction	55,388	34,594	11,287	9,507	0	0	0	0	0	20,794	0
Total	61,439	37,715	13,359	10,365	0	0	0	0	0	23,724	0
Federal-Aid	47,054	29,260	9,621	8,173	0	0	0	0	0	17,794	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 16,750

PROJECTED (2035) - 22,650



PROJECT: Maintenance Facility in Easton

DESCRIPTION: Improve existing lab/office buildings and design new maintenance buildings as well as associated facilities.

PURPOSE & NEED SUMMARY STATEMENT: The existing facility no longer meets SHA's current needs.

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

STATUS: Engineering is complete. Construction to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Added to Construction Program.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					2019	2020	2021	2022				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,308	2,308	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	19,541	0	4,396	6,512	6,512	2,121	0	0	0	19,541	0	0
Total	21,849	2,308	4,396	6,512	6,512	2,121	0	0	0	19,541	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0

SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - NA

FEDERAL - NA

STATE SYSTEM: NA

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - NA

PROJECTED (2035) - NA

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

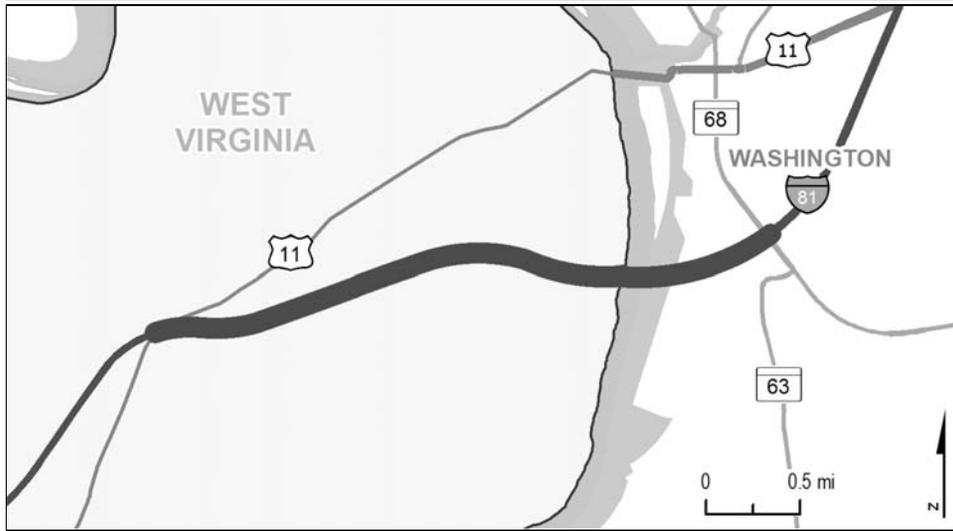
STATE HIGHWAY ADMINISTRATION -- TALBOT COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Talbot County; mill and resurface	5,945	FY 2017
2		At various locations in Talbot county; resurface	7,077	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
3	MD 404	Queen Anne Highway; Small structure 20043X0 over Branch of Wye River East; miscellaneous	259	Under construction
<u>Urban Reconstruction</u>				
4	MD 33	Talbot Street; Yacht Club Road to Pea Neck Road (Funded for preliminary engineering)	2,500	Design Underway
<u>Enhancements</u>				
<u>Pedestrian/Bicycle Facilities</u>				
5		Easton Rail Spur Line Project; 12,500' hiker biker trail	827	FY 2017

SHA



WASHINGTON COUNTY



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Upgrade and widen I-81 from US 11 in West Virginia to north of MD 63/MD 68 (3.6 miles). West Virginia is funding improvements in West Virginia and, Maryland is administering this bi-state project. This is Phase 1 of a four-phase project to upgrade and widen I-81 from the Potomac River/West Virginia State line to the Pennsylvania State line.

PURPOSE & NEED SUMMARY STATEMENT: I-81 corridor improvements will reduce congestion, especially congestion related to high truck volume, and provide capacity for planned development.

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-81 Corridor, Potomac River/West Virginia State line to the Pennsylvania State line (Line 3)

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

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

EXPLANATION: I-81 is a critical link in western Maryland. Increasing capacity supports critical regional transportation needs.

STATUS: Engineering underway. Construction to begin during current fiscal year. West Virginia is contributing \$38.0 million for the additional widening to the Maryland State line.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$3.0 million is due to a more detailed estimate.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,090	2,468	2,622	0	0	0	0	0	2,622	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	88,000	0	17,880	26,546	25,339	18,235	0	0	88,000	0
Total	93,090	2,468	20,502	26,546	25,339	18,235	0	0	90,622	0
Federal-Aid	43,082	1,825	9,732	11,765	11,258	8,502	0	0	41,257	0

CLASSIFICATION:

STATE - Principal Arterial

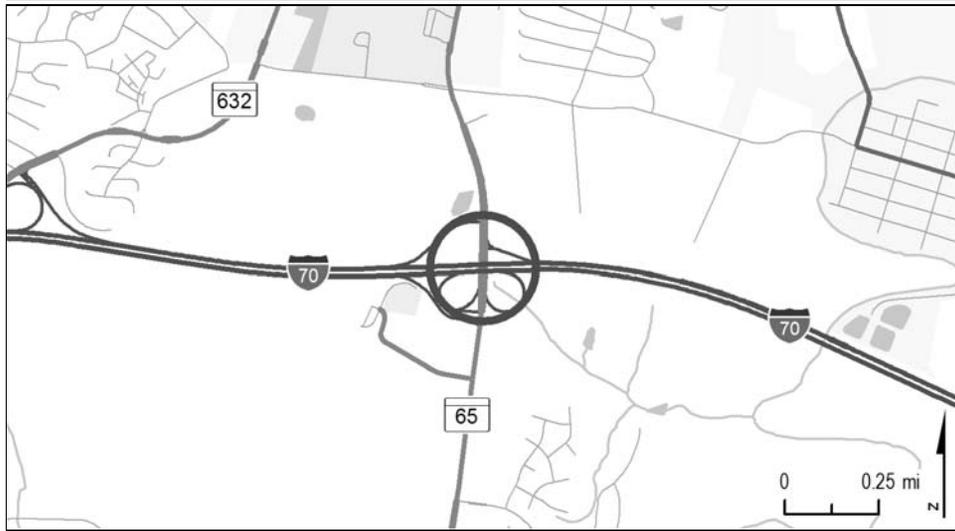
FEDERAL - Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 63,400

PROJECTED (2035) - 91,850



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Study to upgrade the I-70 interchange at MD 65.

JUSTIFICATION: I-70 interchange improvements will reduce congestion and provide capacity for planned development.

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 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,529	479	1,050	0	0	0	0	0	1,050	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	1,529	479	1,050	0	0	0	0	0	1,050	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

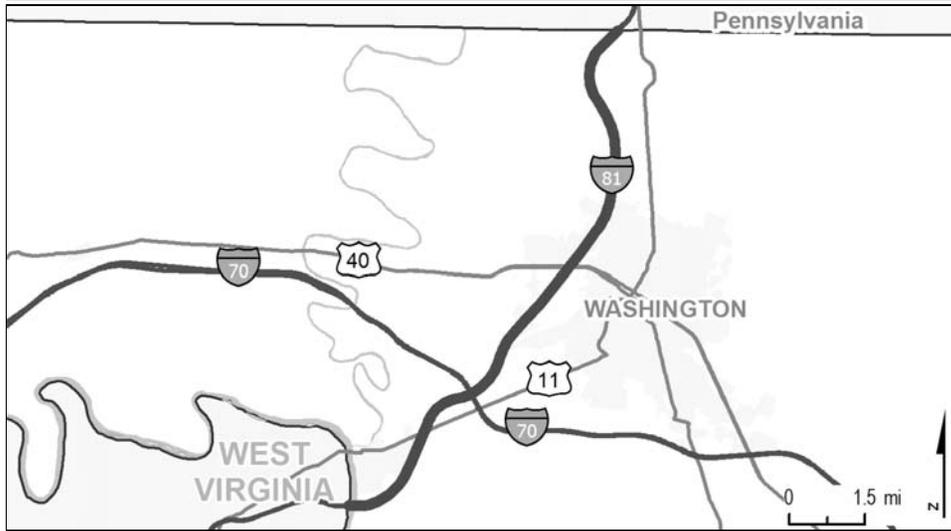
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 64,800

PROJECTED (2035) - 77,150



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Study to upgrade and widen I-81 to a 6 lane divided highway between the Potomac River/West Virginia State line and Pennsylvania State line (12.1 miles).

JUSTIFICATION: I-81 corridor improvements will reduce congestion, especially related to high truck volume, and provide capacity for planned development.

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-81, Phase 1, Potomac River/West Virginia State line to MD 63/MD 68 (Line 1)
- I-81, Feasibility Study (Pennsylvania)
- I-81, Northbound Auxillary Lane, I-70 to Halfway Boulevard (System Preservation Program)
- I-81, Southbound Auxillary Lane, MD 58 to US 40 (System Preservation Program)

STATUS: Engineering to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Added \$5.0 million to Engineering.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY							
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	3,517	3,517	0	0	0	0	0	0	0	0	0	
Engineering	5,000	0	800	1,200	1,000	1,000	1,000	0	5,000	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	8,517	3,517	800	1,200	1,000	1,000	1,000	0	5,000	0		
Federal-Aid	7,056	3,056	640	960	800	800	800	0	4,000	0		

POTENTIAL FUNDING SOURCE:

SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Urban/Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 45,450 - 80,850

PROJECTED (2035) - 50,800 - 117,850

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Washington County	5,583	Completed
2	US 40	National Pike; Walnut Street to Crest View Road; resurface	2,432	Completed
3	I 81 NB	Maryland Veterans' Memorial Highway; Halfway Boulevard Bridge to Pennsylvania state line; resurface	4,708	Completed
<u>Safety/Spot Improvement</u>				
4	I 70	Eisenhower Memorial Highway; US 40 Alt to 0.5 miles east of Black Rock Road Bridge; guard rail	865	Completed
5	I 81	Maryland Veterans' Memorial Highway; Halfway Boulevard to PA state line; guard rail	2,468	Completed
6	US 340	Jefferson Pike; Valley Road to Keep Tryst Road; guard rail	280	Completed
<u>Congressional Earmarks</u>				
7		Eastern Boulevard at Antietam Drive; intersection improvement design Eastern Boulevard widening design; widen from a two lane open section highway to a four lane divided roadway (Earmark \$0.3 million; PE) (Complete)	0	
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
8		At various locations in west Washington County; mill and resurface	4,421	FY 2017
9		At various locations in east Washington County; mill and resurface	5,695	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 4 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
10	US 40	National Pike; Nottingham Drive to Cannon Avenue; sidewalks	1,136	FY 2017
11	I 70	Eisenhower Memorial Highway; Bridge 21113 over CSX to MD 632; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,047	Under construction
12	I 70	Eisenhower Memorial Highway; 0.28 miles east of MD 56 to 0.44 miles east of Boyd Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,480	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
13		Bridge 2105100, 2105203/04, 2105301/02, 2105401/02 and 2105601/02 on I-81; clean/paint bridges	2,517	FY 2017
14		Bridge 2108300 over I-81; bridge deck overlay	2,601	FY 2017
15		At various locations on National Freeway, Eisenhower Memorial Highway and Millstone Road; clean/paint bridges	1,464	Under construction
16	MD 63	Spielman Road; Structure 21047X0 over St. James Run; small structure replacement	2,000	FY 2017
17	I 70	Eisenhower Memorial Highway; Bridge 2107304 and bridge 2114204 over I-81; bridge rehabilitation	6,000	FY 2017
18	I 70	Bridge 2112900 over Beaver Creek; bridge rehabilitation	1,862	Under construction
19	I 70	Eisenhower Memorial Highway; Bridge 2106900, 2109203, 2109204 and 2111400; clean/paint bridges	1,304	Under construction
20	I 70 EB	Eisenhower Memorial Highway; Bridge 2108900 over I-70 Ramp A in I-70/I-68 Interchange; bridge rehabilitation	4,858	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 4 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
21	I 81	Maryland Veterans Memorial Highway; Pennsylvania state line to Halfway Boulevard; construct ramp Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,342	Under construction
<u>Urban Reconstruction</u>				
22	MD 845 A	Main Street; South corporate limits of Keedysville to north corporate limits of Keedysville; urban reconstruction	6,900	FY 2017
<u>Environmental Preservation</u>				
23		IRVM, VEG MGMT along I-70 & I-68 & I-70/US 40, I-70/MD 65, I-70/MD 68 - Phase 1; landscape	1,592	FY 2018
<u>Intersection Capacity Improvements</u>				
24	US 40 AL	E Baltimore Street; at New Intersection Southern Boulevard; geometric improvements	2,300	FY 2017
25	MD 64	N Cleveland Avenue; at Eastern Boulevard; geometric improvements	1,800	FY 2017
26	I 81	Maryland Veterans Memorial Highway; I-70 to Halfway Boulevard; widen and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,270	Under construction
<u>TMDL Compliance</u>				
27		At various locations in Washington county - Group 1B; drainage improvement	5,114	FY 2017
28		Tree planting at various locations; landscape	3,345	FY 2017
29		Chesapeake Bay Watershed implementation plan - tree establishment at various locations; landscape	204	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

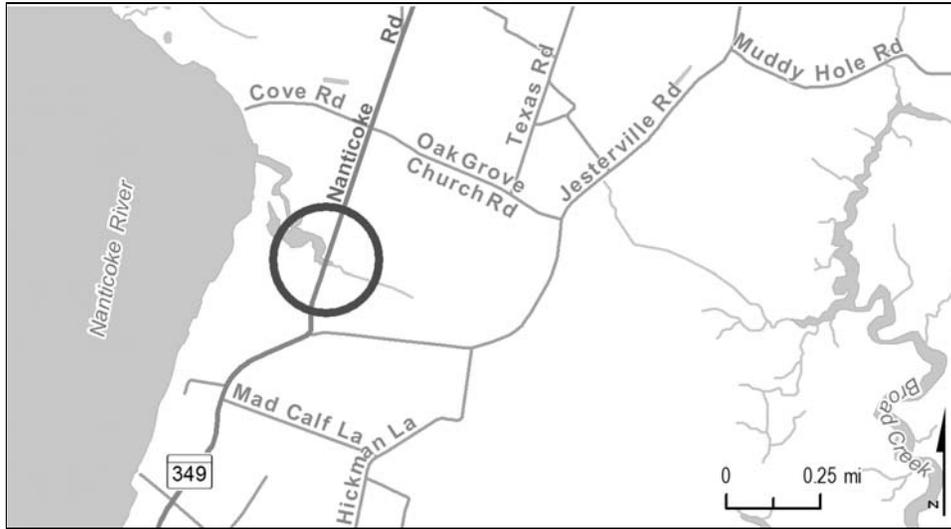
STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 4 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>TMDL Compliance (cont'd)</u>				
30		At various locations in Washington County - group 1; drainage improvement	2,290	FY 2017
31		At various locations in Washington county - group 1A; drainage improvement	5,194	FY 2017
32	I 70	Eisenhower Memorial Highway; Pennsylvania State Line to Frederick County Line; drainage improvement (Transportation Infrastructure Investment Act of 2013)	4,736	Under construction
<u>Enhancements (cont'd)</u>				
<u>Pedestrian/Bicycle Facilities (cont'd)</u>				
33		Western Maryland Rail Trail Phase IV; Pearre Station to Little Orleans; construct trail	2,450	FY 2017
<u>Landscaping/Scenic Beautification/Mitigation</u>				
34		Rehabilitate C&O Canal Interpretive Water Intake	297	Underway

SHA



WICOMICO COUNTY



PROJECT: MD 349, Nanticoke Road

DESCRIPTION: Replace Bridge 22015, built in 1931, over Windsor Creek. Project will include bicycle and pedestrian accommodations where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure is structurally deficient.

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: The bridge substructure and superstructure requires reconstruction.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$0.8 million is due to reduced Engineering needs.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	340	340	0	0	0	0	0	0	0	0	0	0
Right-of-way	35	35	0	0	0	0	0	0	0	0	0	0
Construction	2,636	532	2,104	0	0	0	0	0	0	2,104	0	0
Total	3,011	907	2,104	0	0	0	0	0	0	2,104	0	0
Federal-Aid	258	258	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 850

PROJECTED (2035) - 1,150

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WICOMICO COUNTY LINE 2

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		Various locations in Wicomico County; resurface	4,567	Completed
		<u>Bridge Replacement/Rehabilitation</u>		
2	MD 349	Nanticoke Road; Small structure 22078X0 over Dennis Creek; miscellaneous	383	Completed
		<u>Safety/Spot Improvement</u>		
3		Melson Road; drainage improvement	60	Completed
4	US 13 BUS	South Fruitland Boulevard; At South Division Street; geometric improvements	2,849	Completed
5	US 13 BUS	Salisbury Boulevard; West College Avenue to North of South Boulevard; drainage improvement (Transportation Infrastructure Investment Act of 2013)	3,561	Completed
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
6		At various locations in Wicomico county; resurface	10,960	FY 2017
7		At various locations in Wicomico county; resurface	8,060	Under construction
8	US 50 BU	Salisbury Parkway; Boundary Street to Ward Street; resurface	1,300	FY 2017
9	US 50 WB	Ocean Gateway; White Richardson Road to Walston Switch Road; resurface	2,290	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

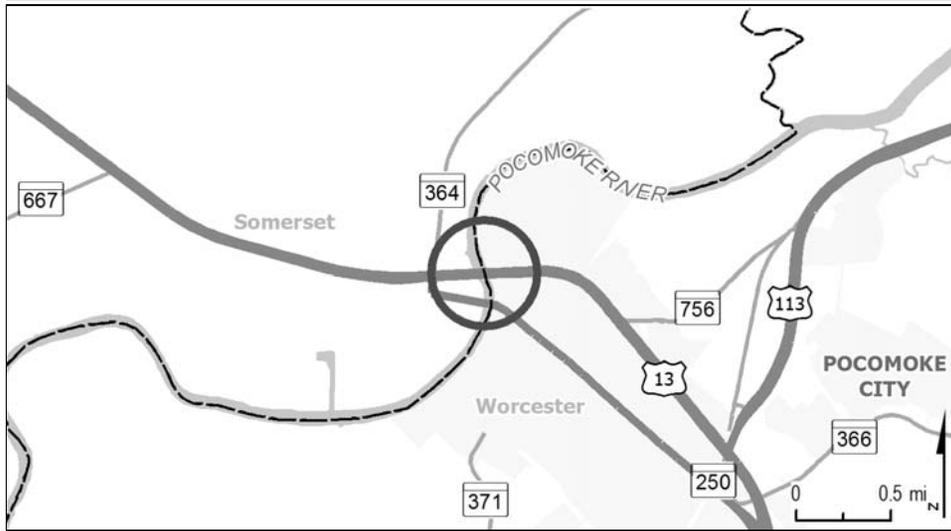
STATE HIGHWAY ADMINISTRATION -- WICOMICO COUNTY LINE 2 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
10	US 13	Salisbury Bypass; US 13 Business to south of US 50; bridge deck replacement	32,478	FY 2017
11	MD 54	Delmar Road; Bridge 22029X0 over Mockingbird Creek; miscellaneous	2,329	FY 2017
<u>Safety/Spot Improvement</u>				
12	US 50 BU	East Salisbury Parkway; Ward Street to Main Street; geometric improvements	2,000	FY 2017
13	US 13 BUS	Salisbury Boulevard; north of South Boulevard to north of Calvert Street (Phase 6); drainage improvement (Transportation Infrastructure Investment Act of 2013)	6,671	Under construction
14	US 13 BUS	Salisbury Boulevard; E Church Street to north of London Avenue, William Street, Park Avenue, Isabella Street; drainage improvements	7,597	Under construction
<u>Intersection Capacity Improvements</u>				
15	US 13 BUS	South Fruitland Boulevard; Dogwood Drive to West College Avenue; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,174	Under construction
<u>Truck Weight</u>				
16	US 13	North Salisbury Boulevard; Mallard Drive to Winner Boulevard; weigh station	9,000	FY 2017
<u>Enhancements</u>				
<u>Pedestrian/Bicycle Facilities</u>				
17		Northeast Collector Road Phase II Bikepath; MD 346 to US 50 in the city of Salisbury; construct a 3,642 linear foot, 6 - 10 foot wide bike path	225	FY 2017

SHA



WORCESTER COUNTY



PROJECT: US 13, Ocean Highway

DESCRIPTION: Rehabilitation of Bridges 2301601, built in 1966, and 2301602, built in 1959, over the Pocomoke River. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations of the bridge. The project will also repair structural deficiencies within the substructure and superstructure.

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: The northbound and southbound bridge decks have reached the end of their structural life and are in need of repairs. As the primary route over the Pocomoke River, replacing decks will help provide for the secure transportation of assets and operations for the safe movement of goods and people.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$3.3 million is due to the replacement of bearings that were not included in the original scope of work.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	510	510	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	19,925	19,020	905	0	0	0	0	0	905	0
Total	20,435	19,530	905	0	0	0	0	0	905	0
Federal-Aid	16,197	15,472	725	0	0	0	0	0	725	0

CLASSIFICATION:

STATE - Other Principal Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 14,350

PROJECTED (2035) - 17,100



PROJECT: US 113, Worcester Highway

DESCRIPTION: Upgrade existing US 113 as a 4 lane divided highway, including access controls from north of MD 365 (Phase 4), Public Landing Road, to Five Mile Branch (4.3 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The US 113 corridor is experiencing deterioration in safety and operations due to increasing seasonal traffic volumes coupled with local commercial/residential development along the highway. This project will improve the highway's safety, operations, and freight movement.

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:
 US 113, Massy Branch to Five Mile Branch (Phase 3) (Line 3)

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

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

EXPLANATION: This project will decrease travel time and delay for local and seasonal traffic and improve safety.

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

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

PHASE	POTENTIAL FUNDING SOURCE:										SIX YEAR TOTAL	BALANCE TO COMPLETE
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY							
				.....2019.....	.....2020.....	.....2021.....	.....2022.....					
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,745	4,745	0	0	0	0	0	0	0	0	0	0
Right-of-way	15,523	1,025	3,954	3,954	3,954	2,636	0	0	0	14,498	0	0
Construction	65,557	0	6,335	19,661	22,951	16,610	0	0	0	65,557	0	0
Total	85,825	5,770	10,289	23,615	26,905	19,246	0	0	0	80,055	0	0
Federal-Aid	68,887	4,933	8,208	18,869	21,501	15,376	0	0	0	63,954	0	0

CLASSIFICATION:

STATE - Intermediate Arterial

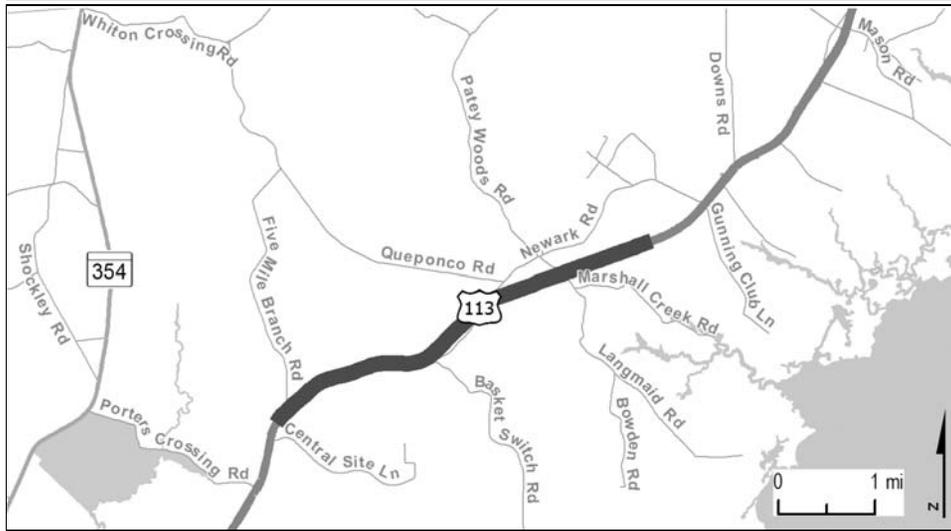
FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,275 - 9,800

PROJECTED (2035) - 13,775 - 17,000



PROJECT: US 113, Worcester Highway

DESCRIPTION: Upgrade existing US 113 as a 4 lane divided highway, Massey Branch to Five Mile Branch (Phase 3) (4.6 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The US 113 corridor is experiencing deterioration in safety and operations due to increasing seasonal traffic volumes coupled with local commercial/residential development along the highway. This project will improve the highway's safety, operations, and freight movement.

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:
 US 113, Public Landing Rd. to Five Mile Branch (Phase 4) (Line 2)

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

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

EXPLANATION: This project will decrease travel time and delay for local and seasonal traffic and improve safety.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.9 million is due to utilities being relocated underground.

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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,207	3,207	0	0	0	0	0	0	0	0
Right-of-way	11,989	4,190	4,211	3,541	47	0	0	0	7,799	0
Construction	37,079	16,709	20,370	0	0	0	0	0	20,370	0
Total	52,275	24,106	24,581	3,541	47	0	0	0	28,169	0
Federal-Aid	37,682	16,520	19,075	2,087	0	0	0	0	21,162	0

CLASSIFICATION:

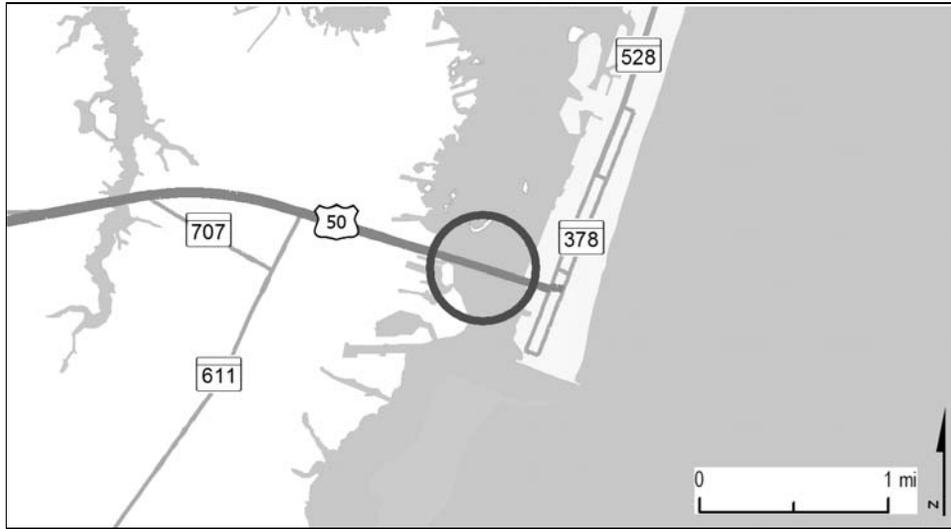
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,275 -9,800

PROJECTED (2035) - 13,775-17,000



PROJECT: US 50, Ocean Gateway

DESCRIPTION: Study to replace Bridge 23007 over the Sinepuxent Bay. The study will investigate options to eliminate/upgrade the drawspan structure.

JUSTIFICATION: The drawspan is estimated to have 15 to 20 years of life span left. This high traffic volume arterial has experienced mechanical problems with the drawbridge during peak seasonal traffic. This project would improve the highway's safety and operations.

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 complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,907	2,907	0	0	0	0	0	0	0	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	2,907	2,907	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

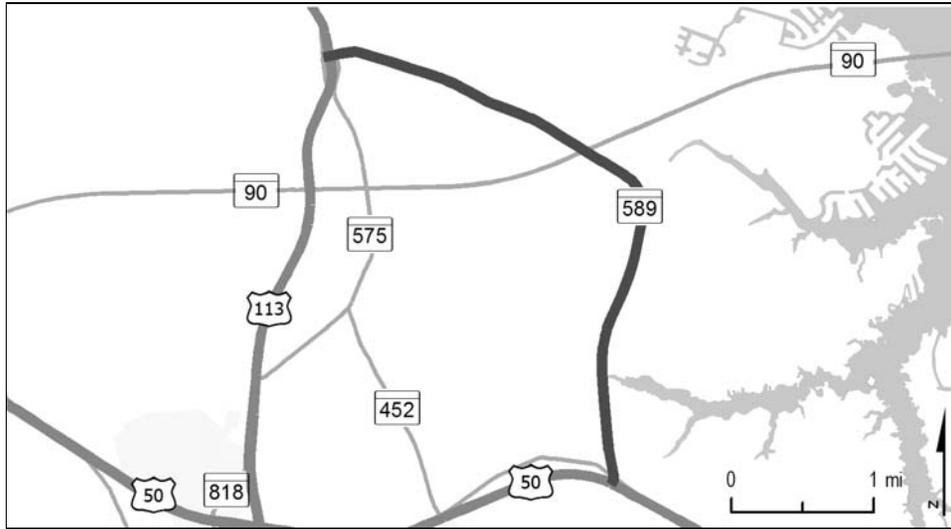
STATE - Principal Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 17,900
 51,400 (Summer)

PROJECTED (2035) - 21,950
 65,650 (Summer)



PROJECT: MD 589, Racetrack Road

DESCRIPTION: Study for potential improvements to the existing MD 589 corridor from US 50 to US 113 (4.7 miles).

JUSTIFICATION: This project will relieve traffic congestion and improve traffic safety along MD 589 and at the US 50 intersection.

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: Feasibility study complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 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 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,417	1,417	0	0	0	0	0	0	0	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	1,417	1,417	0	0	0	0	0	0	0	0
Federal-Aid	246	246	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 21,900
28,800 (Summer)

PROJECTED (2035) - 28,800
48,950 (Summer)

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WORCESTER COUNTY LINE 6

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Worcester county; resurface	8,233	Completed
2		Various locations in Worcester County; resurface	4,623	Completed
3	MD 528	Coastal Highway; Delaware state line to 62nd Street; resurface	3,886	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
4		At various locations in Worcester County; mill and resurface	11,798	FY 2017
5	US 113	Worcester Highway; North of US 13 to south of US 113 Business; resurface	3,300	FY 2017
<u>Bridge Replacement/Rehabilitation</u>				
6	MD 90	Ocean City Expressway; Bridge 2302000 over St. Martins River and Bridge 2302100 over Assawoman Bay; bridge rehabilitation	2,391	FY 2017
<u>Safety/Spot Improvement</u>				
7	US 13 BUS	Salisbury Boulevard; at Firehouse Wetland site along US 113, north of Church Branch; landscape	186	FY 2017
<u>Urban Reconstruction</u>				
8	MD 528	Coastal Highway; from 62nd Street/MD 90 (Ocean City Expressway) to Convention Center Drive; urban reconstruction	5,949	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WORCESTER COUNTY LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
9		<p><u>Fiscal Years 2017 and 2018 (cont'd)</u></p> <p><u>C.H.A.R.T. Projects</u></p>	957	FY 2017
		US 50 and MD 90 - CHART DMS deployment; miscellaneous		