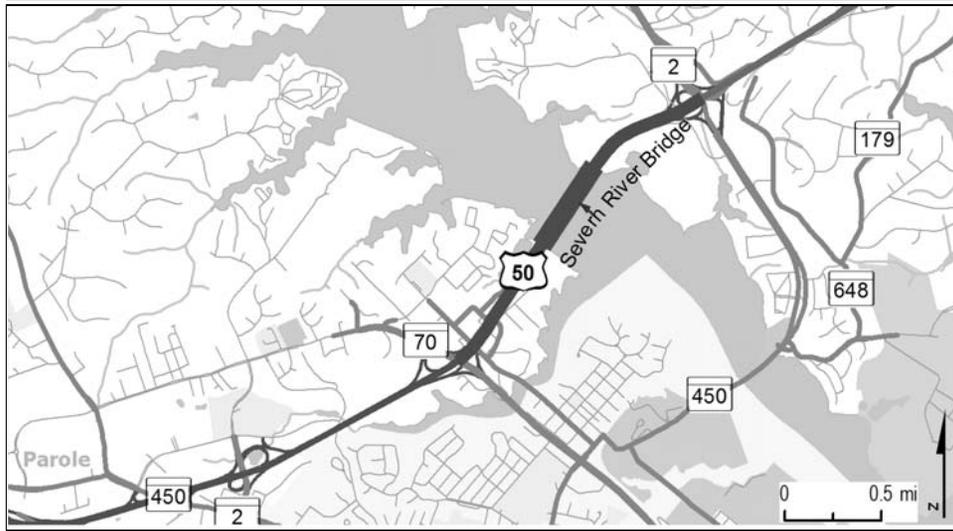


***ANNE ARUNDEL COUNTY***





**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, Engineering, and Right-of-Way underway. Construction to begin during budget fiscal year.

**SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP:** Cost change of \$1.3 million is due to reduced inflation and Planning needs.

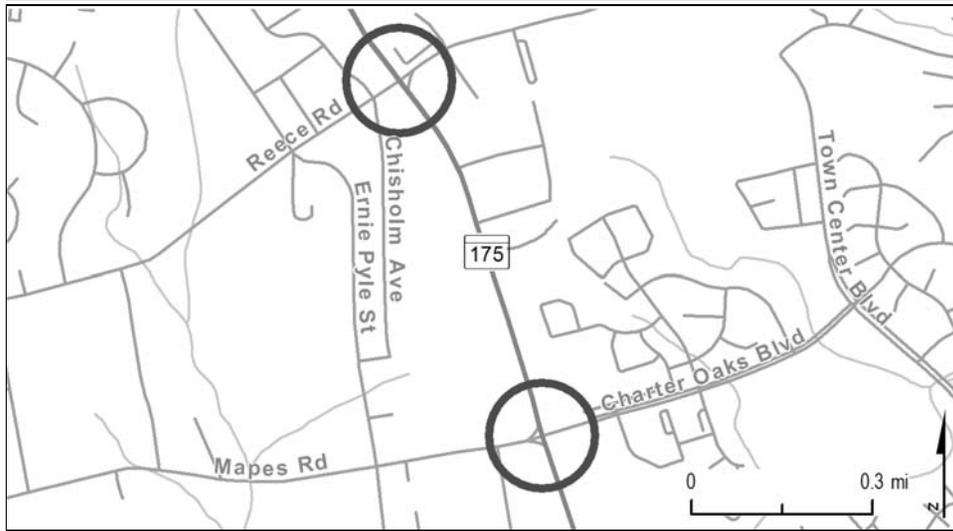
PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY						
					.....2019.....	.....2020.....	.....2021.....	.....2022.....			
Planning	1,885	1,585	300	0	0	0	0	0	0	300	0
Engineering	2,936	0	1,100	1,836	0	0	0	0	0	2,936	0
Right-of-way	184	0	24	37	37	37	37	37	12	184	0
Construction	20,305	0	0	14,010	6,295	0	0	0	0	20,305	0
Total	25,310	1,585	1,424	15,883	6,332	37	37	37	12	23,725	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

**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, 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)

**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	4,409	2,376	2,033	0	0	0	0	0	2,033	0
Construction	15,015	6,941	4,089	3,985	0	0	0	0	8,074	0
Total	19,424	9,317	6,122	3,985	0	0	0	0	10,107	0
Federal-Aid	15,848	7,469	5,035	3,344	0	0	0	0	8,379	0

**CLASSIFICATION:**

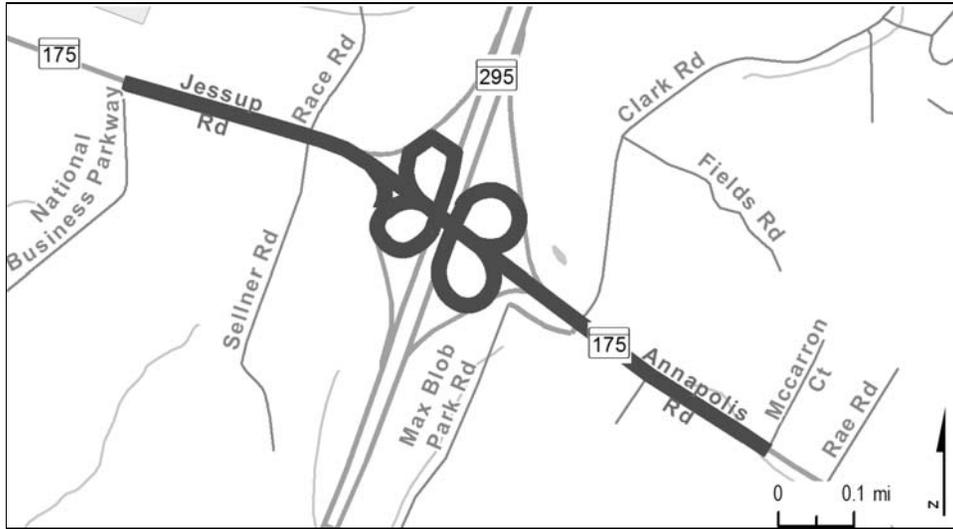
STATE - Urban Minor Arterial  
 FEDERAL - Urban Minor Arterial

**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	1,839	1,100	661	0	0	0	0	1,761	0
Right-of-way	17,798	6,924	2,892	3,022	2,590	2,022	348	0	10,874	0
Construction	64,911	0	0	0	5,555	12,531	15,559	16,104	49,749	15,162
Total	86,309	8,763	3,992	3,683	8,145	14,553	15,907	16,104	62,384	15,162
Federal-Aid	53,449	1,410	880	528	4,333	9,774	12,136	12,561	40,212	11,827

**CLASSIFICATION:**

STATE - Urban Minor Arterial

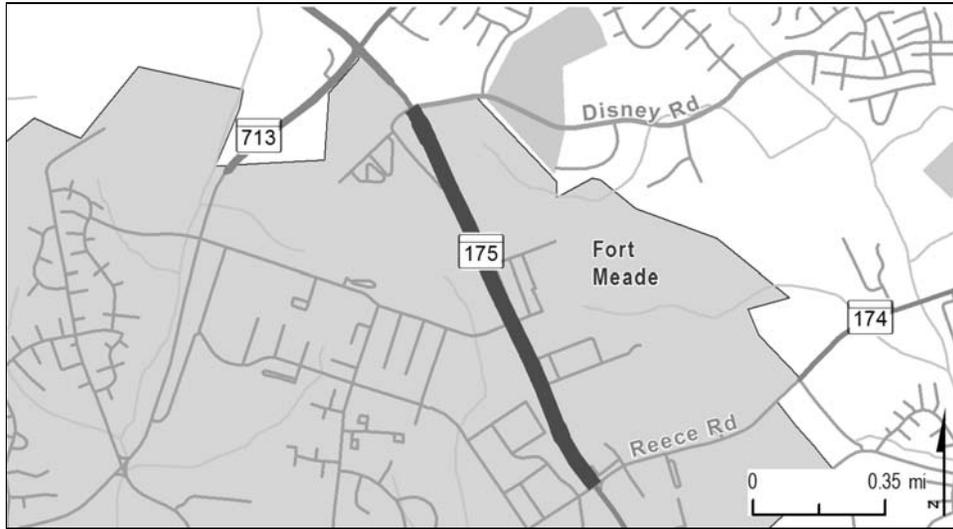
FEDERAL - Urban Minor Arterial

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. Right-of-Way and 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 \$26.4 million is due to a favorable bid, 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									
	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	2,190	2,165	25	0	0	0	0	0	25	0
Right-of-way	144	0	144	0	0	0	0	0	144	0
Construction	16,965	1	1,667	4,681	5,325	5,291	0	0	16,964	0
Total	19,299	2,166	1,836	4,681	5,325	5,291	0	0	17,133	0
Federal-Aid	18,262	1,679	1,627	4,575	5,207	5,174	0	0	16,583	0

**CLASSIFICATION:**

STATE - Urban Minor Arterial

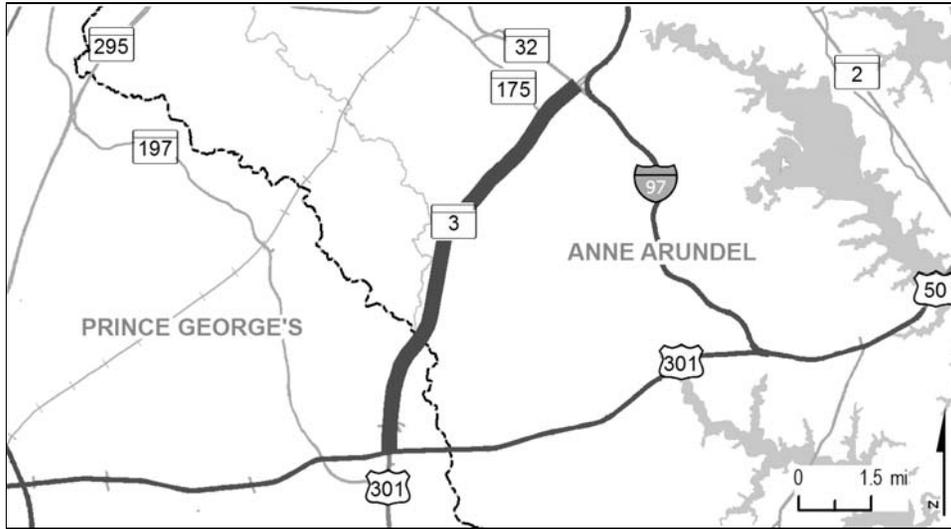
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

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

CURRENT (2016) - 25,400

PROJECTED (2035) - 47,000



**PROJECT:** MD 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 26)  
 US 301, North of Mount Oak Road to US 50 (Prince George's County - Line 27)  
 MD 450, Stonybrook Drive to west of MD 3 (Prince George's County - Line 34)

**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	3,872	3,872	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	8,545	8,545	0	0	0	0	0	0	0	0
Federal-Aid	3,097	3,097	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

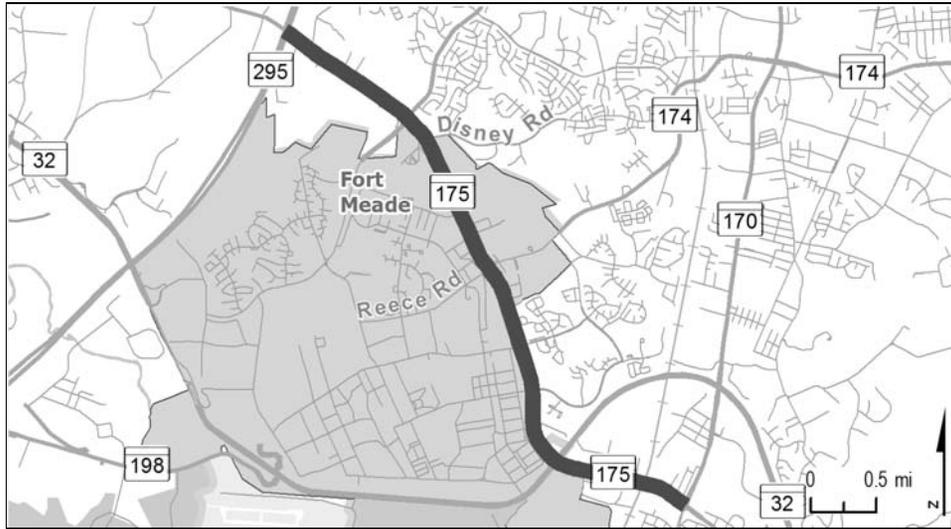
FEDERAL - Freeway/Expressway

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	2,631	2,631	0	0	0	0	0	0	0	0
Engineering	4,994	4,081	418	495	0	0	0	0	913	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	7,625	6,712	418	495	0	0	0	0	913	0
Federal-Aid	5,964	5,964	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - Urban Minor Arterial

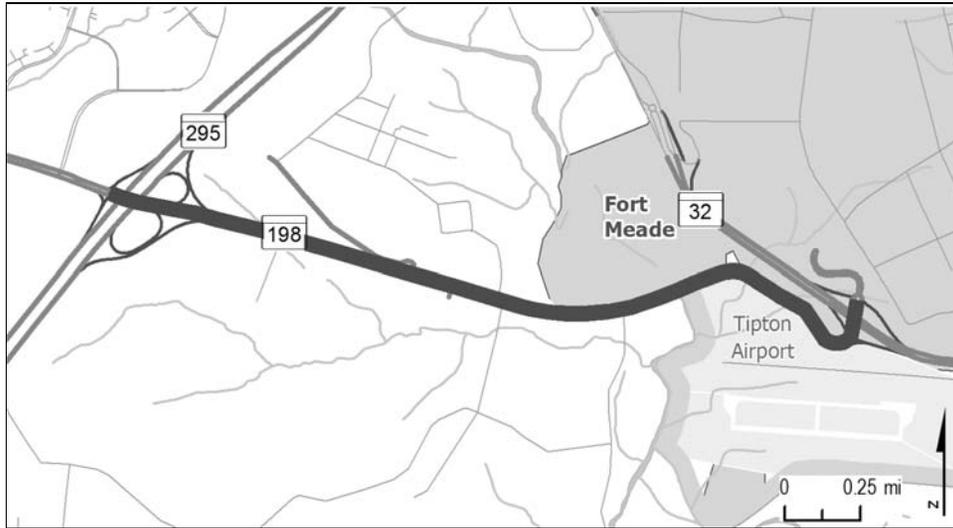
FEDERAL - Urban Minor Arterial

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								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	3,500	3,500	0	0	0	0	0	0	0	0
Engineering	2,000	894	800	306	0	0	0	0	1,106	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	4,394	800	306	0	0	0	0	1,106	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 December 1, 2016
<b><u>Fiscal Year 2016 Completions</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
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
<b><u>Safety/Spot Improvement</u></b>				
3	MD 2	Solomon's Island Road; at Owensville Sudley Road; geometric improvements	3,417	Completed
4	MD 2	Solomon's Island Road; at MD 256; geometric improvements	2,967	Completed
5	MD 2	Solomon's Island Road; at MD 255; geometric improvements (Transportation Infrastructure Investment Act of 2013)	2,928	Completed
<b><u>Traffic Management</u></b>				
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	2,080	Completed
<b><u>Bicycle Retrofit</u></b>				
8	MD 170	Camp Meade Road; MD 648 to MD 762; bicycle retrofit	1,649	Completed
<b><u>TMDL Compliance</u></b>				
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 December 1, 2016
<b><u>Fiscal Years 2017 and 2018</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
10		At various location in Anne Arundel County; surface treatment	1,283	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	Under construction
13		At various locations in North Anne Arundel County; mill and resurface	12,616	Under construction
14		At various locations in Anne Arundel County; joint sealing	707	Under construction
15	MD 174	Reece Road; Old Quarterfield Road to MD 3 Business; safety and resurface	412	FY 2017
16	MD 295 SB	Baltimore Washington Parkway; Hanover Road to Winterson Road; safety and resurface	2,610	FY 2017
17	MD 980 B	MD 4 - Service Road; Wrighton Road to Talbot Road; safety and resurface	632	Under construction
<b><u>Bridge Replacement/Rehabilitation</u></b>				
18		Bridge 0205800, 0207400, 0211600, 0216901, 0216902 on MD 175 and MD 10; clean/paint bridges	1,934	Completed
19	MD 450	Defense Highway; Bridge 02243X0, 02335X0, 02288X0, 02244X0 on MD 450; miscellaneous	1,000	FY 2018
<b><u>Safety/Spot Improvement</u></b>				
20		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
21	MD 2	Solomon's Island Road; at Harwood Drive; geometric improvements (Transportation Infrastructure Investment Act of 2013)	2,767	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 December 1, 2016
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Safety/Spot Improvement (cont'd)</u></b>				
22	MD 32	Sappington Station Road and MD 175; drainage improvement	2,200	Completed
23	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
24	MD 253 NB	Mayo Road; MD 214 to MD 2 northbound; ADA improvements	26	FY 2018
25	MD 258	Bay Front Road; MD 794; geometric improvements	1,892	Under construction
26	MD 450	North of World War 2 memorial; drainage improvement	481	FY 2017
<b><u>Urban Reconstruction</u></b>				
27	MD 648	Baltimore Annapolis Boulevard; MD 2 to MD 10; urban reconstruction (Funded for preliminary engineering)	2,500	Design Underway
<b><u>Noise Barriers</u></b>				
28	I 97	At Oakdale - Type 1A noise barrier; noise abatement	5,524	Completed
<b><u>Traffic Management</u></b>				
29	I 595	John Hanson Highway; MD 424 to Severn River Bridge; lighting	7,711	Under construction
<b><u>Environmental Preservation</u></b>				
30		Phase 1 IRVM: US50 (AA/PG Co. line to I-97) & I-97 (US50 to MD3); landscape	3,296	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 December 1, 2016
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Intersection Capacity Improvements</u></b>				
31	MD 2	Governor Ritchie Highway; at Earleigh Heights Road/Magothy Bridge Road; geometric improvements (Transportation Infrastructure Investment Act of 2013)	4,966	Under construction
32	MD 177	Mountain Road; at Woods Road; geometric improvements (Anne Arundel County is funding this project)	0	Under construction
<b><u>TMDL Compliance</u></b>				
33		At various locations in Anne Arundel County - Group 1A; drainage improvement	2,860	FY 2017
34		At various locations in Anne Arundel County; drainage improvement	1,144	FY 2017
35		At various locations - Group 1; drainage improvement	3,432	FY 2017
36		At various locations in Anne Arundel County - Group 1; drainage improvement	1,746	FY 2017
37	MD 665	Aris T. Allen Boulevard; Broad Creek Stream Restoration; wetlands replacement (Transportation Infrastructure Investment Act of 2013)	1,315	Under construction
<b><u>Enhancements</u></b>				
<b><u>Pedestrian/Bicycle Facilities</u></b>				
38		Broadneck Peninsula Trail II; construct 1.24 mile shared-use asphalt trail including landscaping, storm water management and access to a library, school, park and residential neighborhoods	1,809	FY 2018
<b><u>Rehabilitation/Operation of Historic Transportation Structures</u></b>				
39		Historic Generals Highway Corridor Study; archaeology surveys, historic research and public outreach along Generals Highway	300	Underway

**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 December 1, 2016
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Enhancements (cont'd)</u></b>				
<b><u>Environmental Mitigation</u></b>				
40		Rutland Road Fish Passage	748	FY 2017
41		Cowhide Branch stream restoration and Fish Passage; mitigation of water pollution due to highway runoff	1,000	FY 2017
<b><u>Congressional Earmarks</u></b>				
42		South Shore Trail; construct trail from MD 3 to I-97 at Waterbury Road; construct trail (Earmark \$1.6 million; PE, CO)	0	