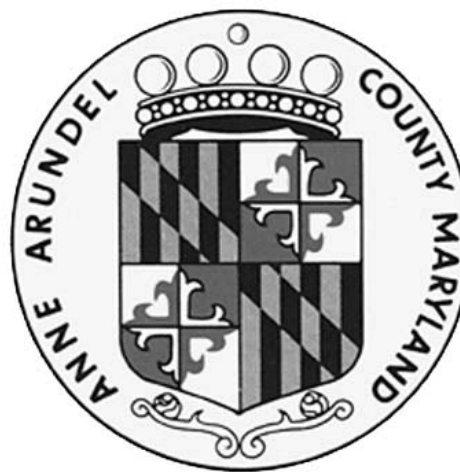
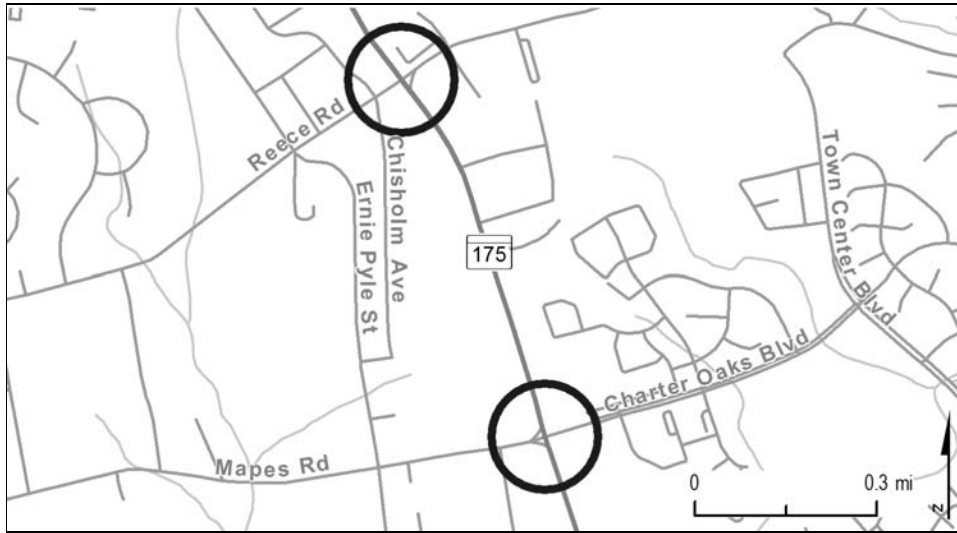




ANNE ARUNDEL COUNTY



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 Race Road (Line 2)

MD 175, Disney Road to Reece Road (Line 3)

MD 175, MD 295 to MD 170 (Line 6)

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 relieve traffic congestion at these intersections to accommodate growth at Ft. Meade.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$4.5 million is due to plan revisions, differing site conditions, and additional time required for utility relocations.

POTENTIAL FUNDING SOURCE:					☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER				
PHASE	TOTAL				PROJECT CASH FLOW				
	ESTIMATED	EXPEND	CURRENT	BUDGET	FOR PLANNING PURPOSES ONLY				
	COST (\$000)	THRU 2019	YEAR 2020	YEAR 2021	2022.....	2023.....	2024.....	2025.....	SIX YEAR TOTAL
Planning	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Right-of-way	5,106	3,391	915	800	0	0	0	0	1,715
Construction	20,160	18,413	1,747	0	0	0	0	0	1,747
Total	25,266	21,804	2,662	800	0	0	0	0	3,462
Federal-Aid	17,459	14,989	1,835	635	0	0	0	0	2,470

CLASSIFICATION:

STATE - Urban Minor Arterial

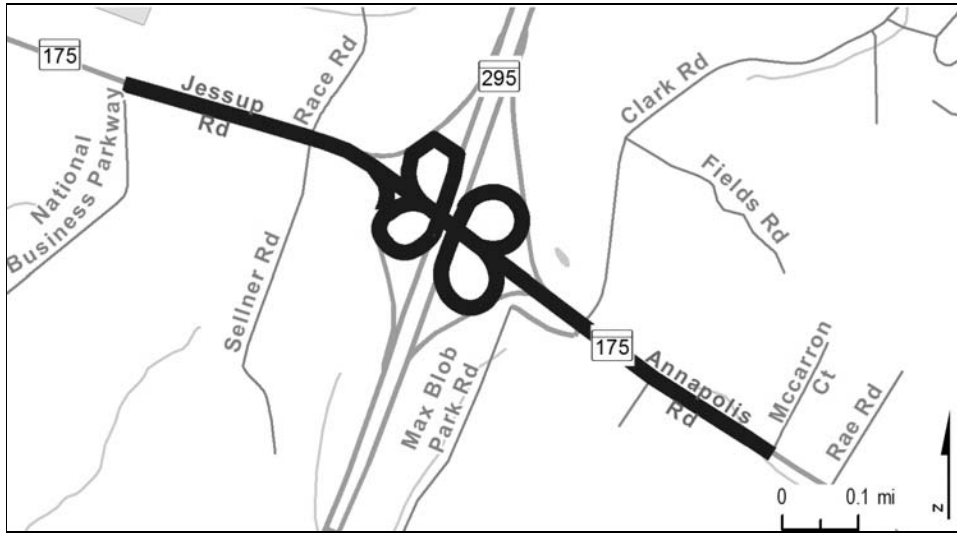
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 28,000

PROJECTED (2040) - 50,500



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. Bicycle and pedestrian accommodations will be provided.

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 1)
 MD 175, Disney Road to Reece Road (Line 3)
 MD 175, MD 295 to MD 170 (Line 6)

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 address safety concerns at the MD 295 interchange and relieve traffic congestion related to BRAC expansion at Fort Meade.

STATUS: Engineering, right-of-way, and utility relocations underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$3.9 million is due to additional engineering, right-of-way, and utility needs. Construction delayed to FY 21 due to utility relocation difficulties.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			2022.....	2023.....	2024.....	2025.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,575	3,849	484	242	0	0	0	0	726	0
Right-of-way	20,374	17,208	574	1,062	773	757	0	0	3,166	0
Construction	51,267	240	5	3,594	14,464	18,070	14,894	0	51,027	0
Total	76,216	21,297	1,063	4,898	15,237	18,827	14,894	0	54,919	0
Federal-Aid	43,544	2,991	486	3,048	11,290	14,104	11,625	0	40,553	0

CLASSIFICATION:

STATE - Urban Minor Arterial

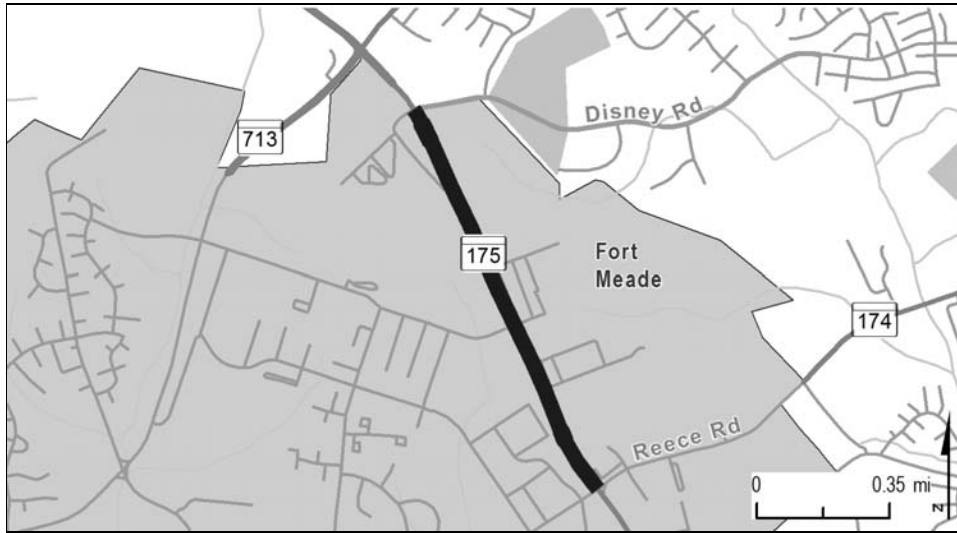
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 33,300 - 40,200

PROJECTED (2040) - 52,100 - 66,000



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

ASSOCIATED IMPROVEMENTS:

MD 175, at Mapes and Reece Roads (Line 1)
 MD 175, National Business Parkway to Race Road (Line 2)
 MD 175, MD 295 to MD 170 (Line 6)

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

STATUS: Construction underway. The project received a \$10.0 million TIGER grant for construction.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$1.6 million is due to Verizon utility relocation work.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER							
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,241	2,241	0	0	0	0	0	0	0	0	
Right-of-way	1,527	325	584	618	0	0	0	0	1,202	0	
Construction	18,850	15,404	3,446	0	0	0	0	0	3,446	0	
Total	22,618	17,970	4,030	618	0	0	0	0	4,648	0	
Federal-Aid	19,147	15,186	3,413	548	0	0	0	0	3,961	0	

CLASSIFICATION:

STATE - Urban Minor Arterial

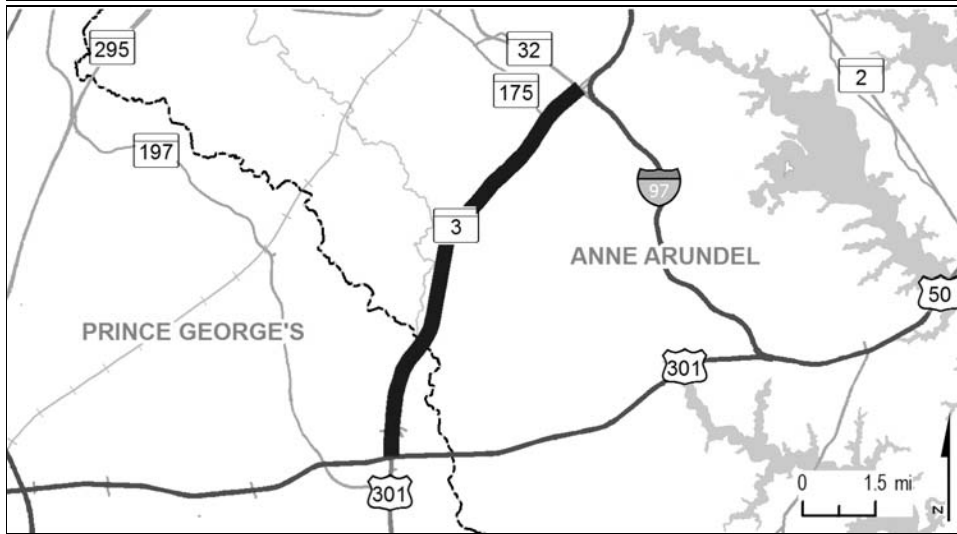
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 28,500

PROJECTED (2040) - 50,500



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 22)

US 301, North of Mount Oak Road to US 50 (Prince George's County - Line 23)

MD 450, Stonybrook Drive to west of MD 3 (Prince George's County - Line 30)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL	☒ FEDERAL	☐ GENERAL	☐ OTHER					
				PROJECT CASH FLOW								
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE	
Planning	3,872	3,872	0	0	0	0	0	0	0	0	0	
Engineering	0	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	0	
Construction	0	0	0	0	0	0	0	0	0	0	0	
Total	8,545	8,545	0	0	0	0	0	0	0	0	0	
Federal-Aid	3,097	3,097	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 (2019) - 70,100 - 89,200

PROJECTED (2040) - 86,100 - 133,500



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 and surrounding areas.

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 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:					☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER				
PHASE	PROJECT CASH FLOW				FOR PLANNING PURPOSES ONLY				
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	2022.....	2023.....	2024.....	2025.....	SIX YEAR TOTAL
Planning	2,554	2,554	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Total	2,554	2,554	0	0	0	0	0	0	0
Federal-Aid	1,814	1,814	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

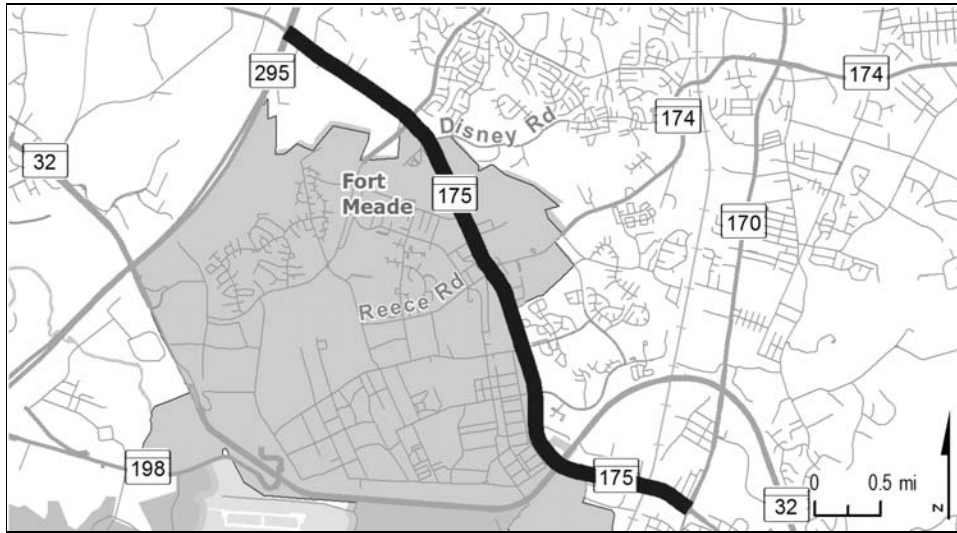
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 105,600

PROJECTED (2040) - 145,100



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 1)
 MD 175, National Business Parkway to Race Road (Line 2)
 MD 175, Disney Road to Reece Roads (Line 3)
 MD 198, MD 295 to MD 32 (Line 7)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	<u>PROJECT CASH FLOW</u>								SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	<u>FOR PLANNING PURPOSES ONLY</u>					
	ESTIMATED									
	COST (\$000)				2022.....	2023.....	2024.....	2025.....		
Planning	2,644	2,644	0	0	0	0	0	0	0	0
Engineering	4,826	4,826	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	7,470	7,470	0	0	0	0	0	0	0	0
Federal-Aid	6,068	6,068	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Urban Minor Arterial

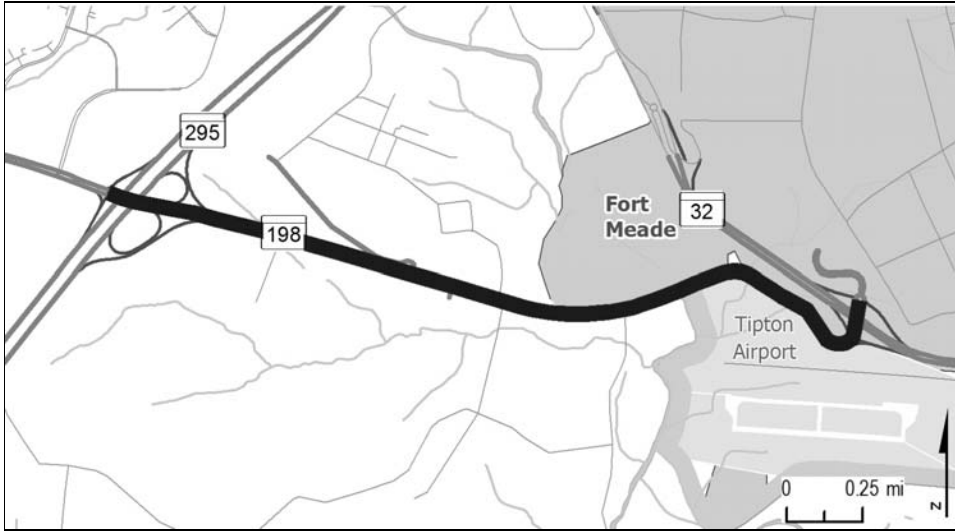
FEDERAL - Urban Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 26,700 - 40,700

PROJECTED (2040) - 53,000 - 62,600



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 1)
 MD 175, National Business Parkway to Race Road (Line 2)
 MD 175, Disney Road to Reece Roads (Line 3)
 MD 175, MD 295 to MD 170 (Line 6)

STATUS: County contributed \$3.5 million for the planning phase. Project on hold.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Funding reduced \$0.6 million due to mandated increased transit operating and capital spending and lowered tax revenue forecast.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☒ OTHER							
PROJECT CASH FLOW											
PHASE	TOTAL	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED										
	COST (\$000)				2022.....	2023.....	2024.....	2025.....			
Planning	345	345	0	0	0	0	0	0	0	0	
Engineering	1,439	1,439	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	1,784	1,784	0	0	0	0	0	0	0	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 (2019) - 28,500

PROJECTED (2035) - 48,300

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- ANNE ARUNDEL COUNTY LINE 8

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL 2020 PROJECT COST (\$000's)	CONSTRUCTION START Status as of December 1, 2019
		<u>Fiscal Year 2019 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		At various location in Anne Arundel County; surface treatment	1,283	Completed
2	MD 171	MD 2 to Baltimore City	859	Completed
3	MD 295	Baltimore Washington Parkway; MD 175 to MD 100; safety and resurface	5,260	Completed
		<u>Safety/Spot Improvement</u>		
4		At various locations in Anne Arundel County; drainage improvement Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,901	Completed
5	MD 253 NB	Mayo Road; MD 214 to MD 2 northbound; ADA improvements	823	Completed
		<u>Traffic Management</u>		
6	I 695	Baltimore Beltway; at I-97; lighting	1,270	Completed
		<u>Environmental Preservation</u>		
7		Phase 1 IRVM: US50 (AA/PG Co. line to I-97) & I-97 (US 50 to MD 3); landscape	2,881	Completed
		<u>TMDL Compliance</u>		
8		At various locations in Anne Arundel County - Group 1; drainage improvement	2,182	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL 2020 PROJECT COST (\$000's)	CONSTRUCTION START Status as of December 1, 2019
9		<u>Fiscal Year 2019 Completions (cont'd)</u>	748	Completed
		<u>Enhancements</u>		
		<u>Environmental Mitigation</u> Rutland Road Fish Passage		

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	2 Year (20 - 21) PROJECT COST (\$000's)	CONSTRUCTION START Status as of December 1, 2019
		<u>Fiscal Year 2020 and 2021</u>		
		<u>Resurface/Rehabilitate</u>		
10		At various locations in Northern Anne Arundel County; mill and resurface	10,688	Under construction
11		At various locations in Southern Anne Arundel County; mill and resurface	12,356	Under construction
12		At various locations in Anne Arundel County; patching	1,201	Under construction
13		At various locations in Anne Arundel County; joint sealing	995	Under construction
14		At various locations in Southern Anne Arundel County; mill and resurface	12,683	Under construction
15		At various locations in Northern Anne Arundel County; mill and resurface	12,144	Under construction
16		At various locations in Anne Arundel County; mill and resurface	6,377	Under construction
		<u>Bridge Replacement/Rehabilitation</u>		
17	MD 450	Defense Highway; Bridge 02243X0, 02335X0, 02288X0, 02244X0 on MD 450; miscellaneous	958	Under construction
		<u>Safety/Spot Improvement</u>		
18		Anne Arundel County Stormwater Management Remediation; drainage improvement	3,215	Under construction
19	US 50	John Hanson Highway; MD 665 to Severn River; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	1,838	Under construction
20	MD 174	Reece Road; 1000 ft south to 700 ft north of Severn Road; geometric improvements	2,000	Under construction
21	MD 915 A	Long Hill Road; At MD 177; 2 lane construct	1,004	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	2 Year (20 - 21) PROJECT COST (\$000's)	CONSTRUCTION START Status as of December 1, 2019
		<u>Fiscal Year 2020 and 2021 (cont'd)</u>		
		<u>Traffic Management</u>		
22	I 595	John Hanson Highway; MD 424 to Severn River Bridge; lighting	700	Under construction
		<u>Environmental Preservation</u>		
23		PH 2 - IRVM, PLANTING - US 50 - AA/PG CO LINE TO I-97 - US 50 TO MD 3	1,236	FY 2020
		<u>Commuter Action Improvements</u>		
24	MD 794	Wayson's Corner Park N Ride	682	FY 2020
		<u>Sidewalks</u>		
25	MD 424	Davidsonville Road; Duke of Kent Drive to MD 450 (Defense Highway) - Phase 2; sidewalks	2,803	Under construction
		<u>TMDL Compliance</u>		
26		Sandy Point State Park - MDOT SHA/DNR restoration credit partnership; drainage improvement	200	Under construction
27		At various locations in Anne Arundel County - Group 1A; drainage improvement	2,996	Under construction
28		At various locations in Anne Arundel County; drainage improvement	899	Under construction
29		At various locations - Group 1; drainage improvement	3,720	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	2 Year (20 - 21) PROJECT COST (\$000's)	CONSTRUCTION START Status as of December 1, 2019
		<u>Fiscal Year 2020 and 2021 (cont'd)</u>		
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
30		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	Under construction
		<u>Environmental Mitigation</u>		
31		Cowhide Branch stream restoration and Fish Passage; mitigation of water pollution due to highway runoff	1,800	Under construction