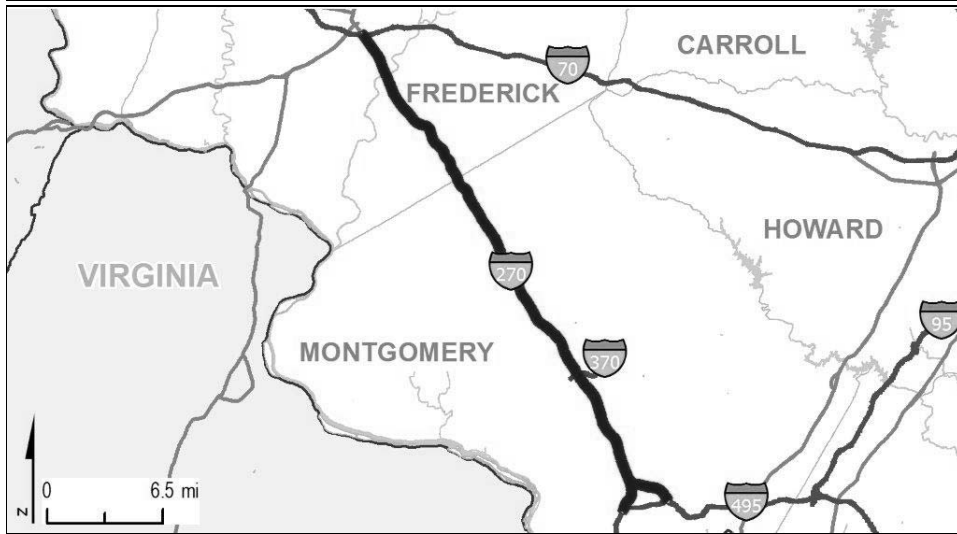




FREDERICK COUNTY

STATE HIGHWAY ADMINISTRATION -- Frederick County -- Line 1

INTERSTATE CONSTRUCTION PROGRAM



PROJECT: I-270, Eisenhower Highway

DESCRIPTION: Implementation of innovative congestion management (ICM) tools to reduce congestion on I-270, including the east and west I-270 spurs (31.5 miles). Improvements will include a series of roadway and technology-based improvements.

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:

MD 85 Phase 1 Highway Reconstruction, Crestwood Boulevard/Shockley Drive to Spectrum Drive (Line 6)
 MD 85 Corridor Study, South of English Muffin Way to North of Grove Road (Line 16)
 I-270 Interchange Construction at Watkins Mill Road (Montgomery County Line 1)
 Traffic Relief Plan (Statewide - Line 4)

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

- | | |
|--|---|
| ☒ Safety & Security | ☐ Environmental Stewardship |
| ☐ System Preservation | ☐ Community Vitality |
| ☒ Quality of Service | ☒ 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: Construction underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$17.0 million is due to the addition of ramp metering improvements at multiple interchanges.

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	2,061	2,061	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	129,054	43,606	42,582	42,866	0	0	0	0	85,448	0	
Total	131,115	45,667	42,582	42,866	0	0	0	0	85,448	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Principal Arterial

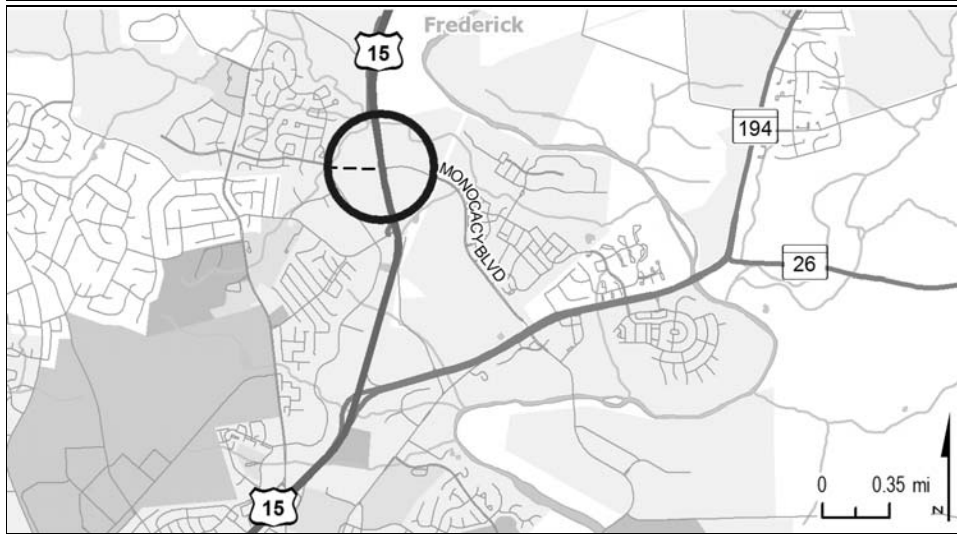
FEDERAL - Interstate

STATE SYSTEM : Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 90,700 - 260,800

PROJECTED (2040) - 105,000 - 299,000



PROJECT: US 15, Catoctin Mountain Highway

DESCRIPTION: Constructed a new US 15 grade-separated interchange and park-and-ride lot at Monocacy Boulevard. Bicycle and pedestrian improvements was included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project added a new US 15 interchange at Monocacy Boulevard to safely accommodate future traffic associated with existing and planned development. The project closed 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:
 US 15/US 40 Frederick Freeway Study, I-70/US 40 to MD 26 (Line 15)

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

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

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

STATUS: Open to service. Frederick County funded \$1.4 million for engineering. City of Frederick funded \$1.4 million for engineering.

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	
					2022.....	2023.....	2024.....	2025.....			
Planning	682	682	0	0	0	0	0	0	0	0	
Engineering	4,344	4,344	0	0	0	0	0	0	0	0	
Right-of-way	30,262	28,794	301	452	452	263	0	0	1,468	0	
Construction	39,298	38,942	356	0	0	0	0	0	356	0	
Total	74,586	72,762	657	452	452	263	0	0	1,824	0	
Federal-Aid	25,375	24,246	232	347	347	203	0	0	1,129	0	

CLASSIFICATION:

STATE - Principal Arterial

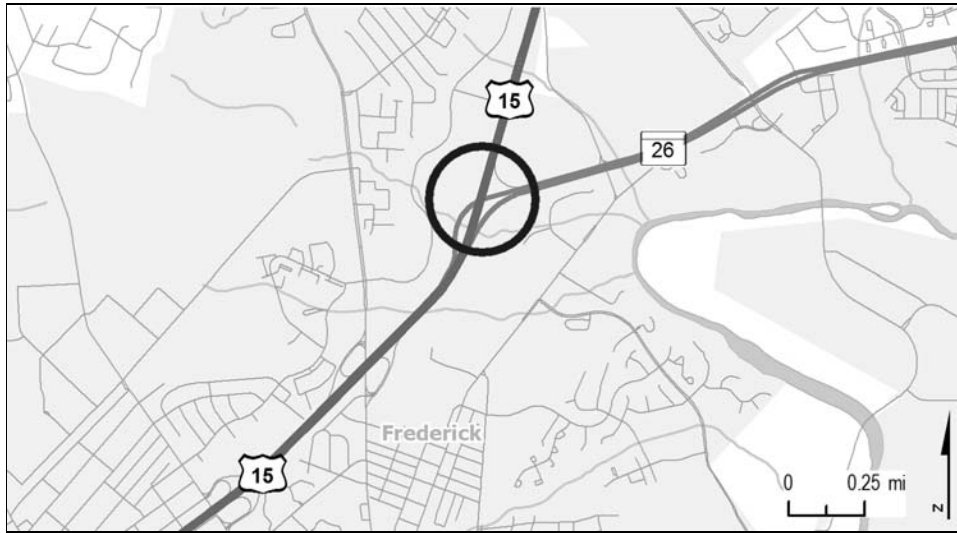
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 56,200

PROJECTED (2040) - 102,700

**PROJECT:** US 15, Catoctin Mountain Highway**DESCRIPTION:** Replaced Bridge 10097 over MD 26.**PURPOSE & NEED SUMMARY STATEMENT:** The existing structure, built in 1957, was rated poor.**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/US 40 Frederick Freeway Study, I-70/US 40 to MD 26 (Line 15)

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 was rated poor.**STATUS:** Open to service.**SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP:** The cost increase of \$1.5 million is due to additional paving, excavation, and asphalt work.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER							
PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			FOR PLANNING PURPOSES ONLY						
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	642	642	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	7,574	6,995	579	0	0	0	0	0	0	579	0
Total	8,216	7,637	579	0	0	0	0	0	0	579	0
Federal-Aid	280	280	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

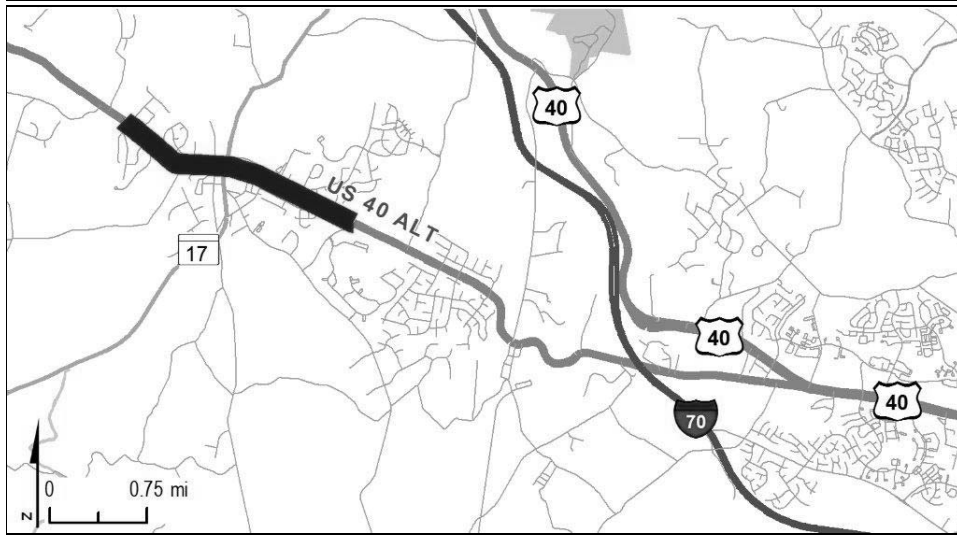
Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 24,975

PROJECTED (2040) - 31,475

STATE HIGHWAY ADMINISTRATION -- Frederick County -- Line 4

SECONDARY CONSTRUCTION PROGRAM



PROJECT: US 40 Alternate, Old National Pike

DESCRIPTION: Construct roadway improvements, including upgrades to pedestrian/bicyclist facilities, resurfacing, curb and gutter, and stormwater 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 Alternate.

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 project will improve safety and enhance community vitality in the Town of Middletown.

STATUS: Construction underway. Town of Middletown funded \$4.8 million for construction.

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	
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	3,462	3,462	0	0	0	0	0	0	0	0	
Right-of-way	338	338	0	0	0	0	0	0	0	0	
Construction	14,254	9,234	4,982	38	0	0	0	0	5,020	0	
Total	18,054	13,034	4,982	38	0	0	0	0	5,020	0	
Federal-Aid	13,887	9,451	4,436	0	0	0	0	0	4,436	0	

CLASSIFICATION:

STATE - Minor Arterial

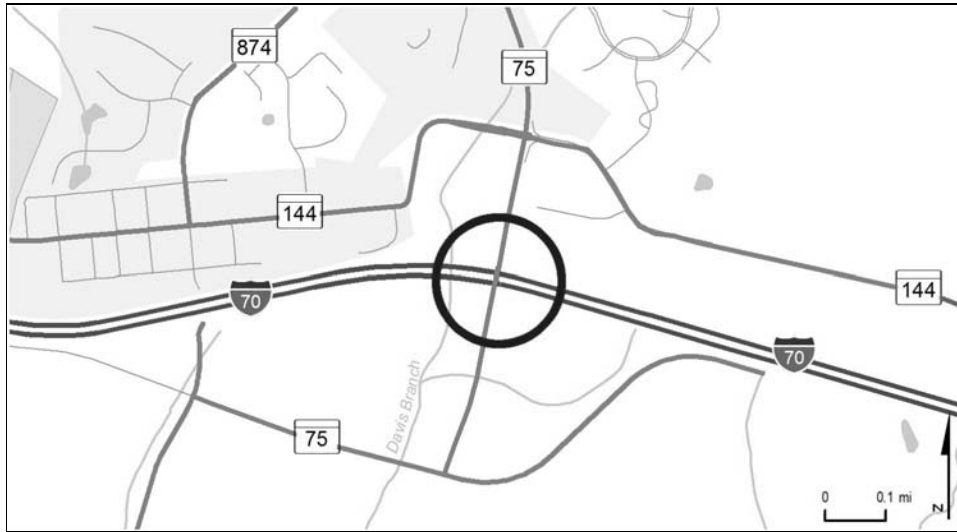
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 13,800

PROJECTED (2040) - 16,700



PROJECT: MD 75, Green Valley Road

DESCRIPTION: Replace Bridge 105600 on MD 75 over I-70.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1973, is rated poor.

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 bridge is rated poor.

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to the Construction Program.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL	☒ FEDERAL	☐ GENERAL	☐ OTHER					
PHASE	TOTAL				<u>PROJECT CASH FLOW</u>					SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	<u>FOR PLANNING PURPOSES ONLY</u>							
					2022.....	2023.....	2024.....	2025.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	470	303	120	47	0	0	0	0	0	167	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	11,440	0	0	892	4,170	5,177	1,201	0	11,440	0	0	
Total	11,910	303	120	939	4,170	5,177	1,201	0	11,607	0	0	
Federal-Aid	8,924	0	0	696	3,253	4,038	937	0	8,924	0	0	

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 19,500

PROJECTED (2040) - 21,700



PROJECT: MD 85, Buckeystown Pike

DESCRIPTION: Widen MD 85 to a multilane divided highway from Crestwood Boulevard/Shockley Drive to Spectrum Drive (0.8 miles), includes MD 85 interchange reconstruction at I-270 and I-270 dual bridges replacement. This project is Phase one 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 rated poor.

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 Corridor Study, South of English Muffin Way to North of Grove Road (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 improve safety for all roadway users by reconstructing the interchange and bridges. It also supports ongoing and planned growth by increasing roadway and interchange capacity.

STATUS: Construction underway. County funded \$1.5 million for partial engineering.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost decrease of \$4.4 million is due to reduced right-of-way needs.

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	531	531	0	0	0	0	0	0	0	0	0	
Engineering	6,612	6,612	0	0	0	0	0	0	0	0	0	
Right-of-way	8,899	8,748	151	0	0	0	0	0	151	0	0	
Construction	65,867	27,097	11,681	12,650	14,439	0	0	0	38,770	0	0	
Total	81,909	42,988	11,832	12,650	14,439	0	0	0	38,921	0	0	
Federal-Aid	56,269	24,479	9,318	10,506	11,966	0	0	0	31,790	0	0	

CLASSIFICATION:

STATE - Major Collector

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 42,400 - 53,875

PROJECTED (2040) - 57,000 - 81,325

**PROJECT:** MD 140, Main Street**DESCRIPTION:** Replaced Bridge 10062 over Flat Run.**PURPOSE & NEED SUMMARY STATEMENT:** The existing structure, built in 1932, was rated poor.**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 was rated poor.**STATUS:** Open to service.**SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP:** The cost increase of \$0.7 million is due to the reconciliation of final expenditures.**POTENTIAL FUNDING SOURCE:**
☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER
PROJECT CASH FLOW

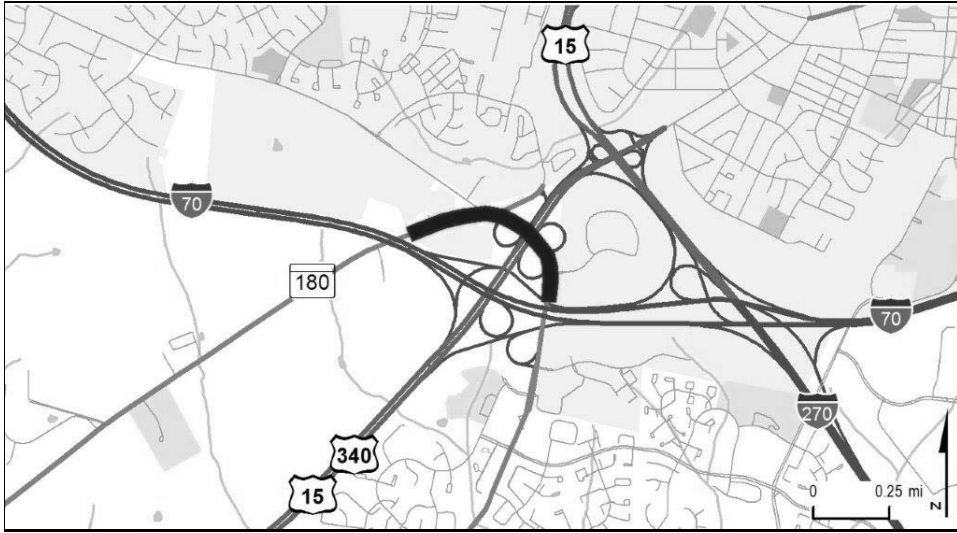
PHASE	PROJECT CASH FLOW									SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY						
	ESTIMATED										
	COST (\$000)				2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,344	1,344	0	0	0	0	0	0	0	0	
Right-of-way	270	261	8	1	0	0	0	0	9	0	
Construction	5,098	4,481	539	78	0	0	0	0	617	0	
Total	6,712	6,086	547	79	0	0	0	0	626	0	
Federal-Aid	5,102	4,550	479	73	0	0	0	0	552	0	

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary**Annual Average Daily Traffic (vehicles per day)****CURRENT (2019) -** 9,775**PROJECTED (2040) -** 15,925



PROJECT: MD 180, Jefferson Pike

DESCRIPTION: Reconstruction of MD 180, from north of I-70 west crossing to I-70 east crossing (0.7 miles), including new, second bridge over US 15/US 340. Bicycle and pedestrian accommodations will be provided as appropriate.

PURPOSE & NEED SUMMARY STATEMENT: Operational 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

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 corridor experiences operational failures due to congested roads and high traffic volumes, especially during peak periods.

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

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$3.0 million is due to an unfavorable bid.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL	☒ FEDERAL	☐ GENERAL	☐ OTHER				
PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	<u>PROJECT CASH FLOW</u>					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			<u>FOR PLANNING PURPOSES ONLY</u>						
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,444	2,433	11	0	0	0	0	0	11	0	
Right-of-way	583	105	188	232	58	0	0	0	478	0	
Construction	15,884	64	7,360	8,460	0	0	0	0	15,820	0	
Total	18,911	2,602	7,559	8,692	58	0	0	0	16,309	0	
Federal-Aid	11,436	35	5,319	6,063	19	0	0	0	11,401	0	

CLASSIFICATION:

STATE - Major Collector

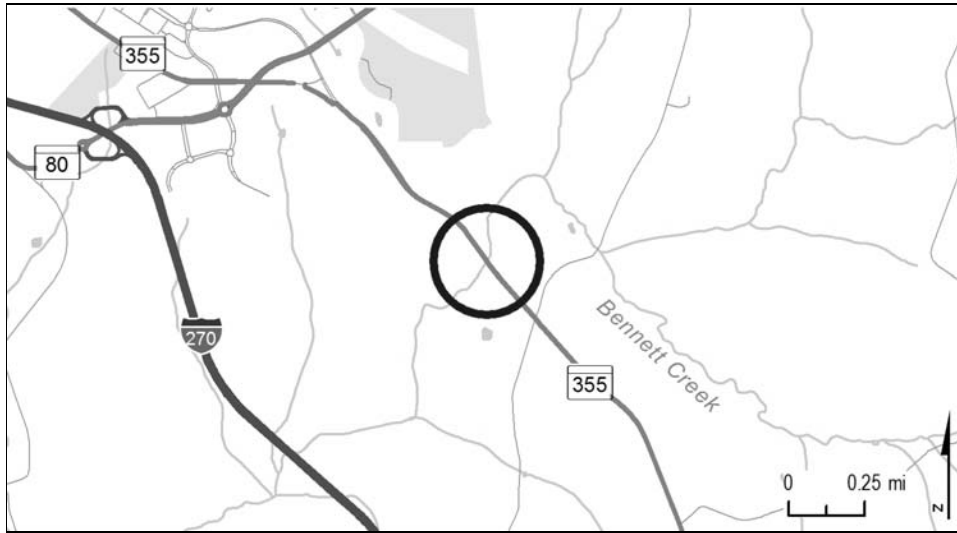
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 22,800

PROJECTED (2040) - 47,600

**PROJECT:** MD 355, Urbana Pike**DESCRIPTION:** Replace Bridge 10086 over Bennett Creek.**PURPOSE & NEED SUMMARY STATEMENT:** The existing structure, built in 1924, is rated poor.**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 rated poor.**STATUS:** Construction underway.**SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP:** None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER							
PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			FOR PLANNING PURPOSES ONLY						
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,539	2,539	0	0	0	0	0	0	0	0	
Right-of-way	1,013	779	116	118	0	0	0	0	234	0	
Construction	13,441	1,606	6,473	5,362	0	0	0	0	11,835	0	
Total	16,993	4,924	6,589	5,480	0	0	0	0	12,069	0	
Federal-Aid	12,646	3,127	5,157	4,362	0	0	0	0	9,519	0	

CLASSIFICATION:

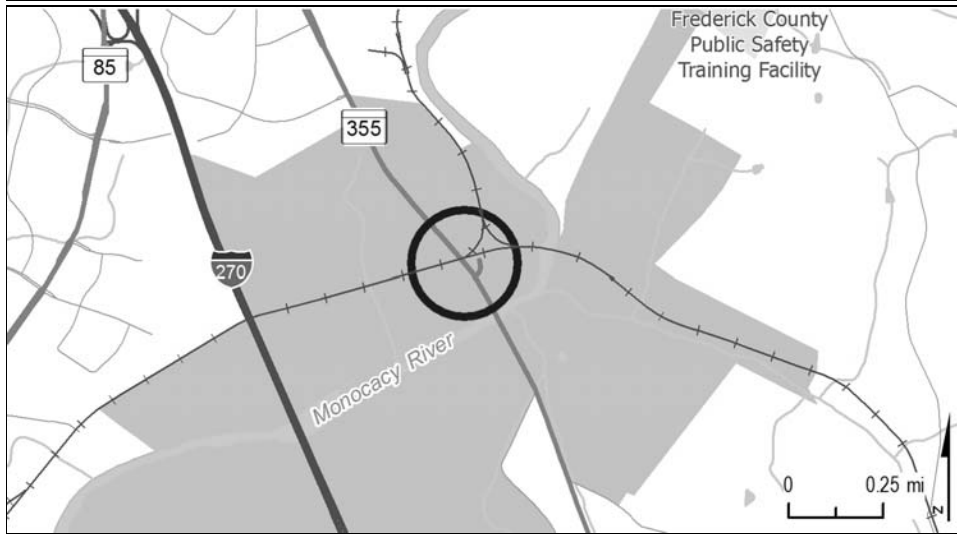
STATE - Major Collector

FEDERAL - Major Collector

STATE SYSTEM: Secondary**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2019) - 9,800

PROJECTED (2040) - 13,750

**PROJECT:** MD 355, Urbana Pike**DESCRIPTION:** Replace Bridge 10084 over the CSX railroad.**PURPOSE & NEED SUMMARY STATEMENT:** The existing structure, built in 1931, is rated poor.**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 rated poor.**STATUS:** Construction underway.**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	
					2022.....	2023.....	2024.....	2025.....				
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,870	1,870	0	0	0	0	0	0	0	0	0	
Right-of-way	40	40	0	0	0	0	0	0	0	0	0	
Construction	12,067	5,371	5,293	1,403	0	0	0	0	6,696	0		
Total	13,977	7,281	5,293	1,403	0	0	0	0	6,696	0		
Federal-Aid	1,443	1,443	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Major Collector

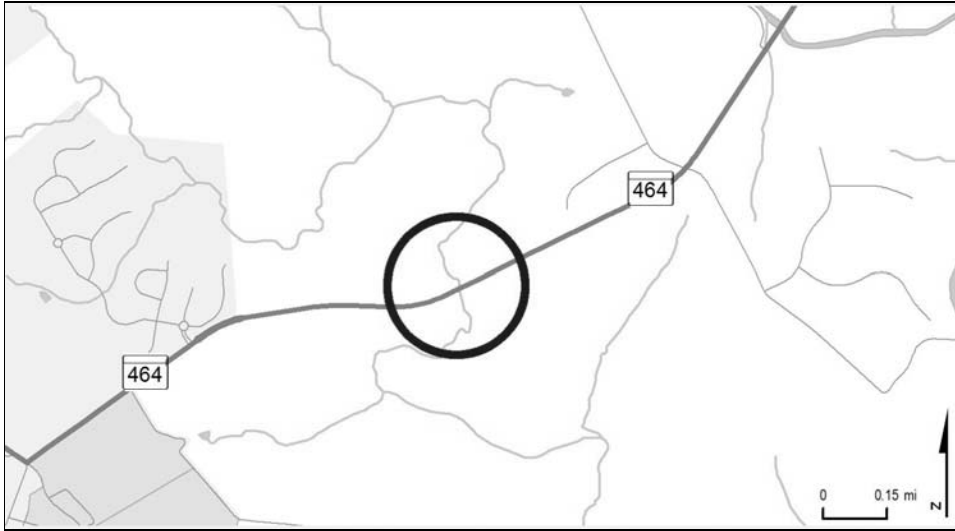
FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 13,400

PROJECTED (2040) - 16,625



PROJECT: MD 464, Point of Rocks Road

DESCRIPTION: Replace Bridge 1009000 over Little Catocin Creek.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure, built in 1933, is rated poor.

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 bridge is rated poor.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER							
PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			FOR PLANNING PURPOSES ONLY						
					2022.....	2023.....	2024.....	2025.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,112	1,112	0	0	0	0	0	0	0	0	0
Right-of-way	65	62	3	0	0	0	0	0	0	3	0
Construction	4,086	443	3,219	424	0	0	0	0	0	3,643	0
Total	5,263	1,617	3,222	424	0	0	0	0	0	3,646	0
Federal-Aid	4,045	1,125	2,579	341	0	0	0	0	0	2,920	0

CLASSIFICATION:

STATE - Rural Major Collector

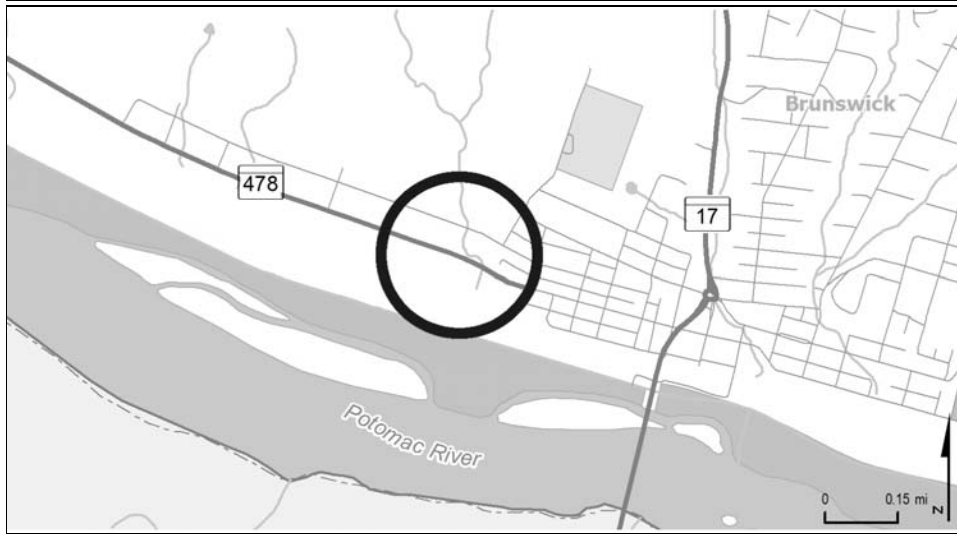
FEDERAL - Major Collector

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 4,600

PROJECTED (2040) - 7,100

**PROJECT:** MD 478, Knoxville Road**DESCRIPTION:** Replace Bridge 10089 over a branch of the Potomac River.**PURPOSE & NEED SUMMARY STATEMENT:** The existing structure, built in 1925, is rated poor.**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 rated poor.**STATUS:** Construction underway.**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	0	0	0	0	0	0	0	0	0
Engineering	818	818	0	0	0	0	0	0	0
Right-of-way	425	389	14	19	3	0	0	0	36
Construction	5,609	2,901	2,708	0	0	0	0	0	2,708
Total	6,852	4,108	2,722	19	3	0	0	0	2,744
Federal-Aid	4,971	2,898	2,073	0	0	0	0	0	2,073

CLASSIFICATION:

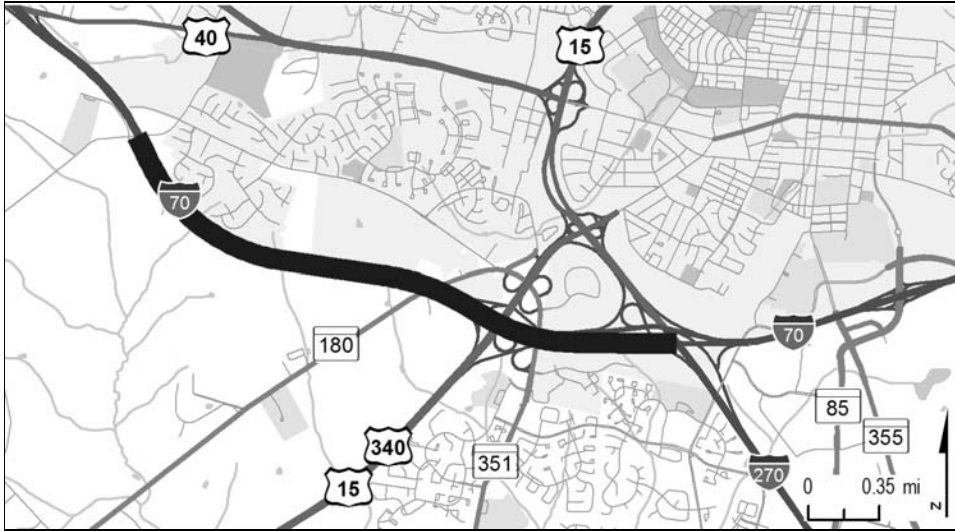
STATE - Major Collector

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2019) - 3,700

PROJECTED (2040) - 5,400



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 four of a four-phase project to upgrade I-70 from Mount Phillip Road to east of MD 144FA.

JUSTIFICATION: This project will reduce 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, Innovative Congestion Management (Line 1)

MD 180, Jefferson Pike (Line 8)

US 15/US 40 Frederick Freeway Study, I-70/US 40 to MD 26 (Line 15)

Traffic Relief Plan (Statewide - Line 5)

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL		<u>PROJECT CASH FLOW</u>							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	<u>FOR PLANNING PURPOSES ONLY</u>						
					2022.....	2023.....	2024.....	2025.....			
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

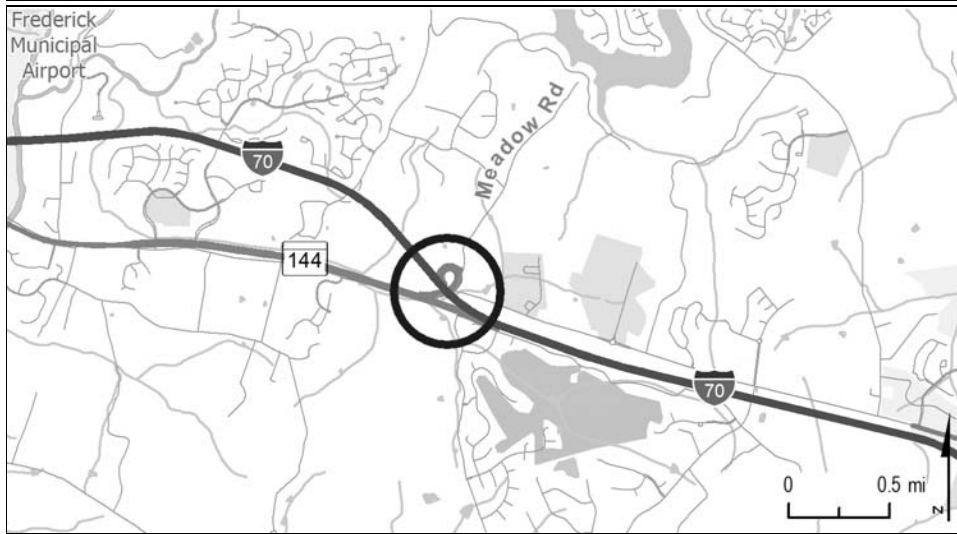
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 103,200

PROJECTED (2040) - 150,725



PROJECT: I-70, Baltimore National Pike

DESCRIPTION: A project to construct I-70/US 40 interchange improvements at Meadow Road, MD 144FA, and Old National Pike.

JUSTIFICATION: This project will provide the missing eastbound I-70 exit and westbound I-70 entry movements. Providing these movements will accommodate development in the surrounding 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: Developer funded planning and engineering. County funded right-of-way and construction.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL	☒ FEDERAL	☐ GENERAL	☒ OTHER					
PHASE	TOTAL		CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2019			FOR PLANNING PURPOSES ONLY							
					2022.....	2023.....	2024.....	2025.....				
Planning	252	252	0	0	0	0	0	0	0	0	0	0
Engineering	0	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	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0
Total	252	252	0	0	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

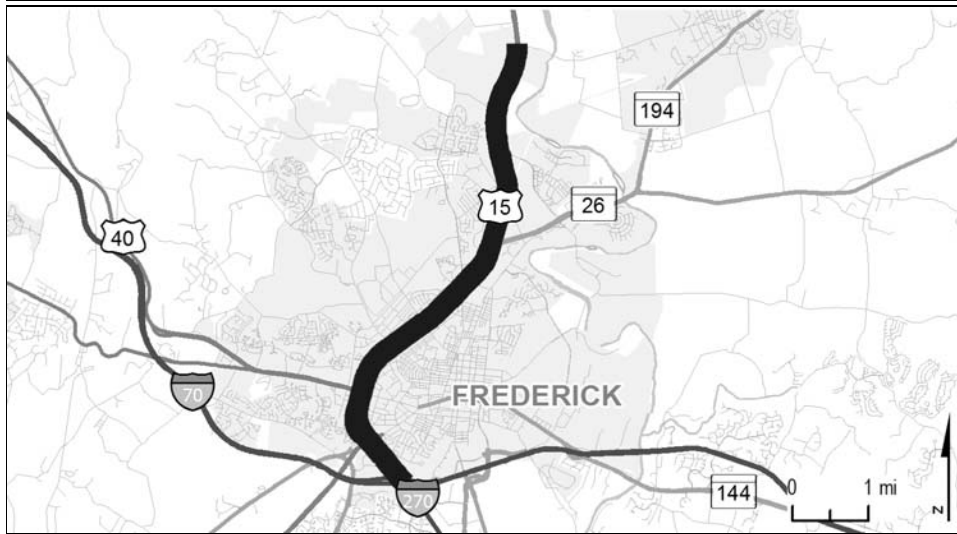
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 69,000

PROJECTED (2040) - 86,375



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

DESCRIPTION: Planning and preliminary engineering project to improve safety and mainline operations along US 15 and US 40 from I-270 to north of Biggs Ford Road (7.0 miles).

JUSTIFICATION: This section does not meet current highway standards. Existing interchanges have short acceleration and deceleration lanes, 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:

I-270, Innovative Congestion Management (Line 1)

US 15, MD 26 Bridge Replacement (Line 3)

I-70, Mount Phillip Rd. and I-270 (Line 13)

Traffic Relief Plan (Statewide - Line 4)

STATUS: Planning and engineering underway.

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	
					2022.....	2023.....	2024.....	2025.....				
Planning	3,059	2,809	250	0	0	0	0	0	0	250	0	
Engineering	3,000	431	500	500	500	650	169	250	2,569	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	6,059	3,240	750	500	500	650	169	250	2,819	0	0	
Federal-Aid	2,055	0	400	400	400	520	135	200	2,055	0	0	

CLASSIFICATION:

STATE - Principal Arterial

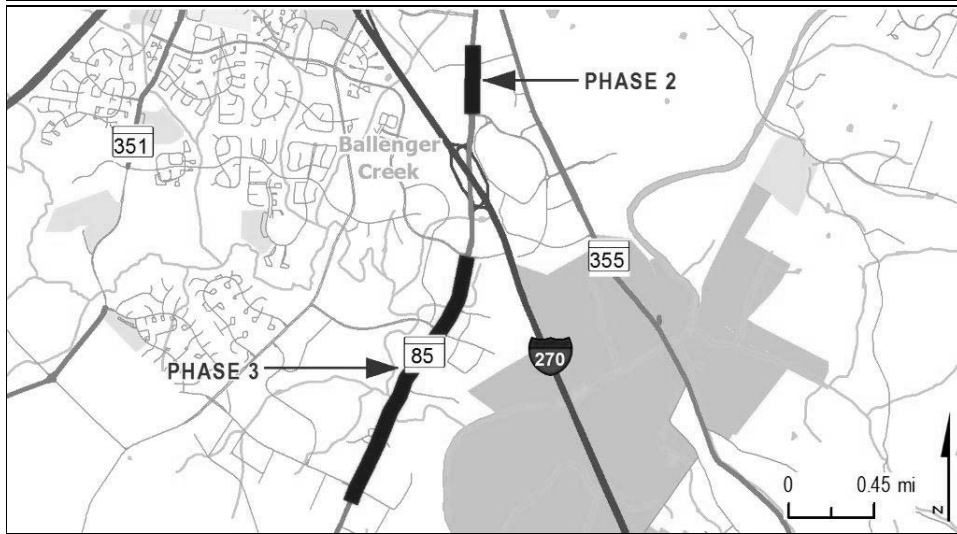
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 101,900 - 127,000

PROJECTED (2040) - 121,400 - 182,100



PROJECT: MD 85, Buckeystown Pike

DESCRIPTION: Study to widen MD 85 to a multilane divided highway from south of English Muffin Way to north of Grove Road (2.4 miles). Bicycle and pedestrian improvements will be included where appropriate.

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 Phase 1 Highway Reconstruction, Crestwood Boulevard/Shockley Drive to Spectrum Drive (Line 6)

STATUS: Planning complete. Proceeding with phase one construction (Line 5).

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☒ OTHER								
PHASE	PROJECT CASH FLOW										BALANCE TO COMPLETE	
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL			
					2022.....	2023.....	2024.....	2025.....				
Planning	531	531	0	0	0	0	0	0	0	0	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	531	531	0	0	0	0	0	0	0	0	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Major Collector

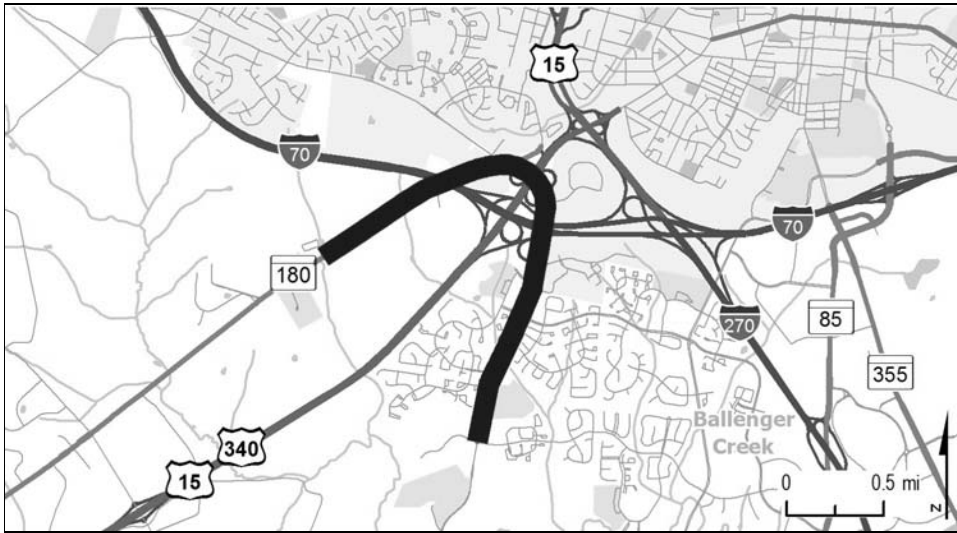
FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 17,800 - 55,200

PROJECTED (2040) - 27,300 - 78,725



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

DESCRIPTION: Study to improve MD 180 and Ballenger Creek Pike (formerly MD 351) capacity and operations between Greenfield Drive and Corporate Drive (2.7 miles). Bicycle and pedestrian accommodations will be included where appropriate.

JUSTIFICATION: The MD 180 and Ballenger Creek Pike corridor is experiencing rapid development. Businesses and residential developments in the study are contribute to operational failures along the existing roadway network, 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 Highway Reconstruction, North of I-70 (west) to I-70 (east) (Line 8)
 I-70 Phase 4 Highway Reconstruction, I-270 to Mount Phillip Road (Line 13)

STATUS: Project on hold. County contributed \$0.5 million to planning.

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	2,288	2,288	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	2,288	2,288	0	0	0	0	0	0	0
Federal-Aid	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 (2019) - 31,300

PROJECTED (2040) - 72,025

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 18

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>Enhancements</u>		
		<u>Acquisition of Scenic Easements and Scenic/Historic Sites</u>		
1		Saving Maryland's Critical Civil War Battlefields; 7 battlefield acquisitions	979	Completed
		<u>Pedestrian/Bicycle Facilities</u>		
2		Ballenger Creek Trail Phase IV; project consists of construction of a 10 foot wide, 1,600 linear foot asphalt trail	360	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 18 (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>				
3	IS 70	Washington County Line to Grindstone Run structure 10135	5,937	FY 2020
4		At various locations in Frederick County	17,127	FY 2020
5		At various locations in Frederick County; mill and resurface	14,391	Under construction
6	I 70 WB	Eisenhower Memorial Highway; East of MD 75 to structure 10183 over Monocacy River; safety and resurface	6,368	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
7	MD 17	Bridge 1001900 over Middle Creek	5,720	FY 2021
8	US 15	Bridge 1010900 over MD 77 and Hunting Creek	4,000	FY 2021
9	MD 491	Small structure 10039X0-MD491 over BR of Owens Creek	500	FY 2020
10	MD 383	Small structures 10399X0 and 10400X0	316	FY 2020
11	MD144F	Cleaning and Painting of Bridge No. 1003800	1,373	FY 2020
12	MD 26	At Old Annapolis Road/Water Street Road	3,586	FY 2020
13		Various bridges on Eisenhower Memorial Highway, Catoctin Mountain Highway, E. Main Street; clean/paint bridges	2,161	Under construction
14	MD 28	Clay Street; Bridge 1002900 over Monocacy River; bridge rehabilitation Funding provided by the Governor's Investment in Highways and Bridges Initiative	7,457	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 18 (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>Safety/Spot Improvement</u>				
15	US 15	Catoctin Mountain Highway; Hansonville Road to Hessong Bridge Road; geometric improvements	4,294	Under construction
16	US 15	Catoctin Mountain Highway; South of Orndorff Road to north of College Lane; geometric improvements	5,452	Under construction
17	MD 77	Foxville Road; Pryor Road to Stottlemeyer Road; drainage improvement	2,288	Under construction
<u>Urban Reconstruction</u>				
18	MD 140	Main Street; East North Avenue to Timbermill Run; urban reconstruction	2,786	Under construction
19	MD 180	Jefferson Pike; MD 383 (Broad Run Road) to Old Holter Road; urban reconstruction	5,876	Under construction
<u>Traffic Management</u>				
20	MD 180	Jefferson Pike; Butterfly Lane to MD 180/Swallowtail Drive; signalization	458	Under construction
<u>TMDL Compliance</u>				
21		Israel creek at Stauffers Road	5,261	FY 2020
22		Israel Creek at MD 550	6,135	FY 2020
23		At various locations in Frederick County - Group 1A; drainage improvement	1,571	Under construction
24		Tree establishment at various locations in Frederick County; landscape	1,253	Under construction
25		Little Catoctin Creek at US 340; wetlands replacement	2,706	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- FREDERICK COUNTY LINE 18 (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
26		<u>Fiscal Year 2020 and 2021 (cont'd)</u> <u>TMDL Compliance (cont'd)</u> Tree planting at various locations in Frederick County; landscape	2,106	Under construction