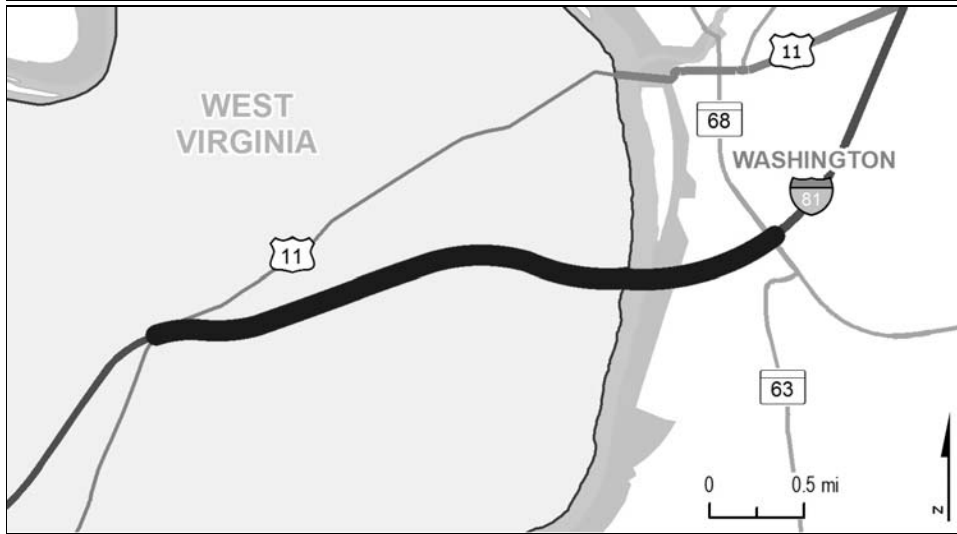




WASHINGTON COUNTY

STATE HIGHWAY ADMINISTRATION -- Washington County -- Line 1

INTERSTATE CONSTRUCTION PROGRAM



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

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

EXPLANATION: I-81 is a critical link in western Maryland. Increasing capacity supports critical regional transportation needs.

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 4)

STATUS: Construction underway. West Virginia is contributing \$38.0 million for the additional widening to the Maryland State line.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL	☒ FEDERAL	☐ GENERAL	☐ OTHER				
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2019			FOR PLANNING PURPOSES ONLY						
					2021	2022.....	2023.....	2024.....	2025.....		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,102	2,102	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	101,128	75,584	25,544	0	0	0	0	0	25,544	0	0
Total	103,230	77,686	25,544	0	0	0	0	0	25,544	0	0
Federal-Aid	48,794	36,920	11,874	0	0	0	0	0	11,874	0	0

CLASSIFICATION:

STATE - Principal Arterial

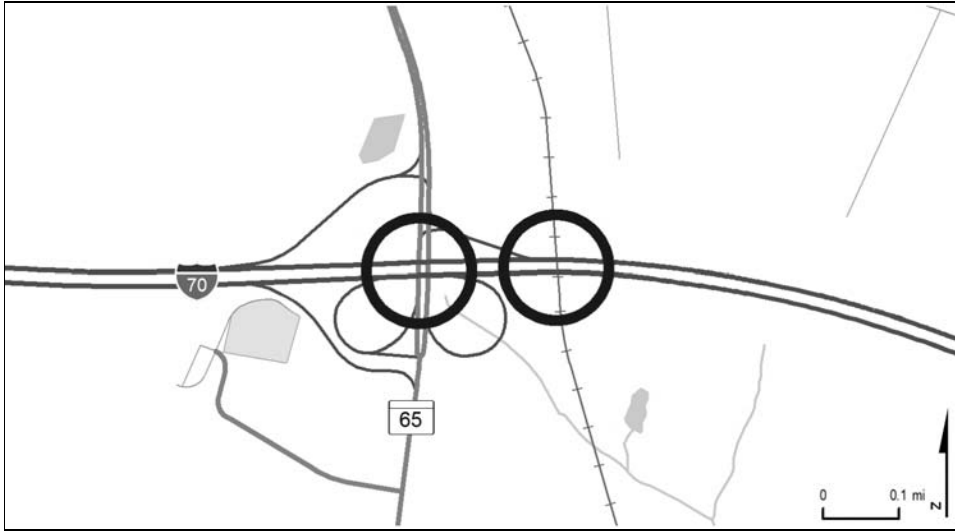
FEDERAL - Interstate

STATE SYSTEM : Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 69,500

PROJECTED (2040) - 94,800



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Bridge deck and superstructure replacement and widening of I-70 dual bridges 21118 over MD 65 and I-70 dual bridges 21119 over CSX Hagerstown Branch.

PURPOSE & NEED SUMMARY STATEMENT: This project will replace the decks on all four bridges and the superstructure of the two bridges on I-70 over MD 65, one of which is rated in poor condition. The project will accommodate a planned future interchange reconstruction at MD 65.

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-70/MD 65, Interchange Study (Line 3)

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

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

EXPLANATION: The decks on all four bridges need to be replaced, and the I-70 eastbound bridge over MD 65 is rated in poor condition.

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

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: The cost increase of \$5.5 million is due to additional utility and resurfacing 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	0	
Engineering	2,011	1,908	103	0	0	0	0	0	0	103	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	28,355	0	1,917	7,681	8,788	6,705	3,264	0	28,355	0	0	
Total	30,366	1,908	2,020	7,681	8,788	6,705	3,264	0	28,458	0	0	
Federal-Aid	21,215	0	1,315	5,721	6,584	5,049	2,546	0	21,215	0	0	

CLASSIFICATION:

STATE - Principal Arterial

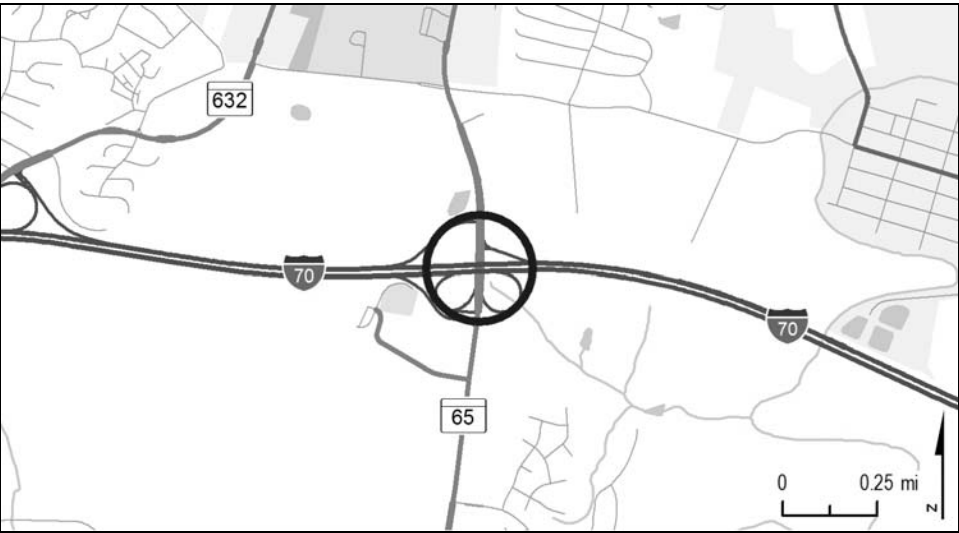
FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 68,000

PROJECTED (2040) - 83,350



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:
I-70, Bridge replacements over MD65 and CSX Hagerstown Branch (Line 2).

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:				☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER							
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	1,742	1,727	15	0	0	0	0	0	15	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	1,742	1,727	15	0	0	0	0	0	15	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

CLASSIFICATION:

STATE - Principal Arterial

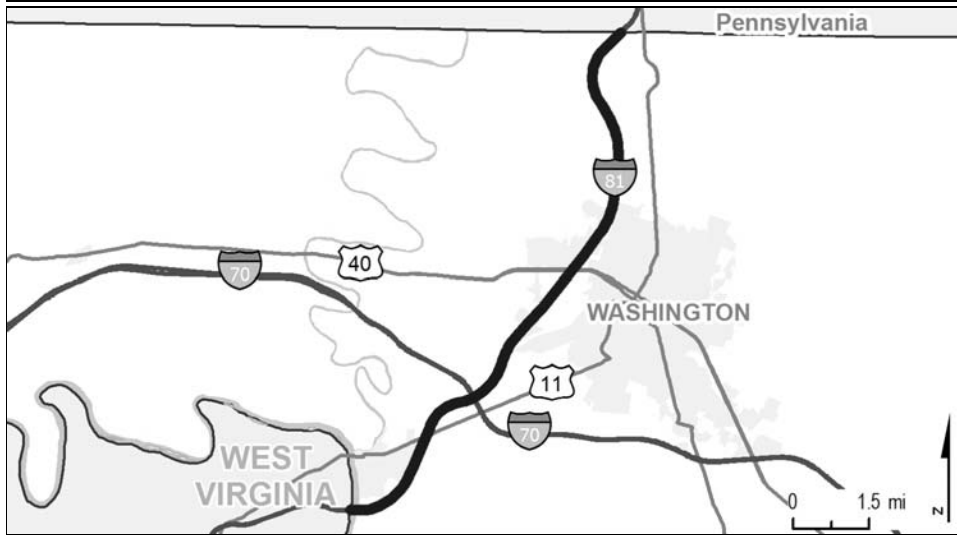
FEDERAL - Interstate

STATE SYSTEM : Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 68,000 (MD 65) 25,600

PROJECTED (2040) - 83,350 (MD 65) 36,650



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Study to upgrade and widen I-81 to a six 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)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

<u>PROJECT CASH FLOW</u>										
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	3,530	3,530	0	0	0	0	0	0	0	0
Engineering	5,000	3,083	750	750	417	0	0	0	1,917	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	8,530	6,613	750	750	417	0	0	0	1,917	0
Federal-Aid	5,270	3,737	600	600	333	0	0	0	1,533	0

CLASSIFICATION:

STATE - Principal Arterial

FEDERAL - Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2019) - 62,000 - 88,800

PROJECTED (2040) - 75,900 - 110,800

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 5

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 locations in west Washington County; mill and resurface	4,421	Completed
2		At various locations in east Washington County; mill and resurface	5,695	Completed
3	I 68/US 40	National Freeway; Allegany County line to Mountain Road bridge; safety and resurface	3,564	Completed
4	I 70 EB	Eisenhower Memorial Highway; Tonoloway Creek to 0.75 miles east of MD 615; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,150	Completed
		<u>Bridge Replacement/Rehabilitation</u>		
5	I 70	Eisenhower Memorial Highway; Bridge 2107304 and bridge 2114204 over I-81; bridge rehabilitation	9,128	Completed
		<u>Environmental Preservation</u>		
6		IRVM, VEG MGMT along I-70 Corridor from MM12 to MM22; landscape	1,592	Completed
		<u>Intersection Capacity Improvements</u>		
7	US 40 AL	Frederick Street; at New Intersection Southern Boulevard; geometric improvements	868	Completed
		<u>TMDL Compliance</u>		
8	VARIOUS	At various locations in Washington County - Group 1B; drainage improvement	2,865	Completed
9	VARIOUS	At various locations in Washington County - Group 1A; drainage improvement	3,039	Completed
10		Tree planting at various locations; landscape	3,088	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 5 (cont'd)

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 (cont'd)</u>		
		<u>TMDL Compliance (cont'd)</u>		
11	VARIOUS	At various locations in Washington County - Group 1; drainage improvement	2,069	Completed
		<u>Enhancements (cont'd)</u>		
		<u>Pedestrian/Bicycle Facilities (cont'd)</u>		
12		Western Maryland Rail Trail Phase IV; Pearre Station to Little Orleans; construct trail	2,495	Completed
		<u>Rehabilitation/Operation of Historic Transportation Structures</u>		
13		Conococheague Creek; rehabilitate the Conococheague Creek Aqueduct	6,240	Completed

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 5 (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>				
14	I 70	0.44 miles east of Boyd Road to Ashton Road	4,764	FY 2020
15	VARIOUS	In Hancock, Sharpsburg, and Boonsboro; sidewalks	1,149	Under construction
16	VARIOUS	Various roadways in Washington County; surface treatment	2,339	Under construction
17	VARIOUS	At various locations in Washington County (east); safety and resurface	4,674	Under construction
18		At various locations in Washington County (west); safety and resurface	3,943	Under construction
19	MD 68	MD 65 to Barnes Road	1,510	Under construction
20	MD 804	MD 64 to MD 64, MD 804B to Little Antietam Road	622	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
21	I 70	Eisenhower Highway; Dual bridge 21118 on I-70/MD 65, bridge 21119 on I-70/CSX - Stage 1; bridge deck replacement	6,328	Under construction
22	MD 56	Bridge 2109600 over MD I-70	3,200	FY 2020
23	VARIOUS	Various bridges on Mapleville Road, National Freeway, Eisenhower Memorial Highway; clean/paint bridges	1,884	Under construction
24	MD 68	Lappans Road; Bridge 2108500 over Norfolk Southern Railroad; bridge rehabilitation	3,000	FY 2020
<u>Safety/Spot Improvement</u>				
25	US 40	Walnut Street to Eastern Boulevard	1,706	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 5 (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>Urban Reconstruction</u>		
26	MD 845 A	Main Street; South corporate limits of Keedysville to north corporate limits of Keedysville; urban reconstruction	5,145	Under construction
		<u>Environmental Preservation</u>		
27		IRVM, native planting along I-70 - Phase 2	562	Under construction
		<u>Intersection Capacity Improvements</u>		
28	MD 64	N Cleveland Avenue; at Eastern Boulevard; geometric improvements	2,800	FY 2020
		<u>TMDL Compliance</u>		
29		Little Tonoloway Creek at Kirkwood Park - stream restoration; wetlands replacement	1,887	Under construction
30	VARIOUS	Chesapeake Bay Watershed implementation plan - tree establishment at various locations; landscape	625	Under construction
		<u>Enhancements</u>		
		<u>Pedestrian/Bicycle Facilities</u>		
31		Marsh Run Multi-Use Trail; design a trail between Summit Avenue and Potomac Street	200	Design Underway