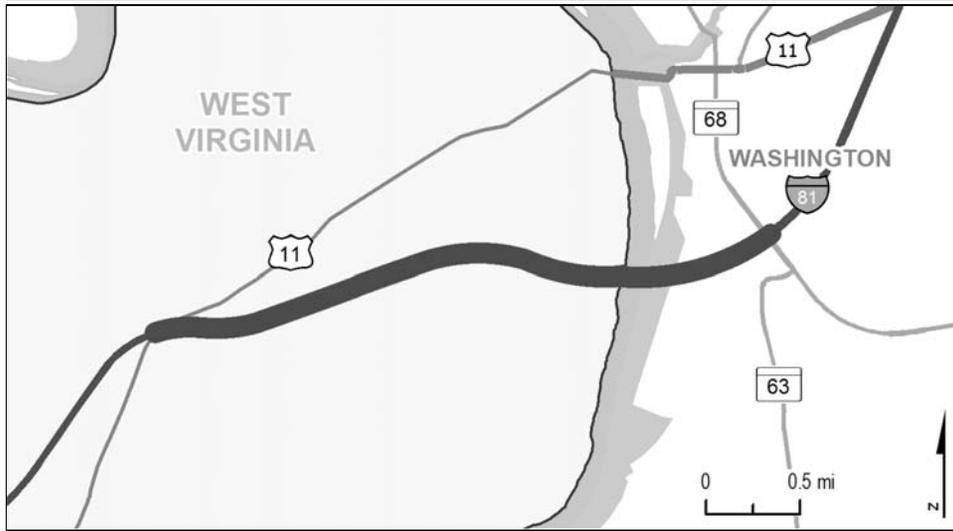




WASHINGTON COUNTY



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Upgrade and widen I-81 from US 11 in West Virginia to north of MD 63/MD 68 (3.6 miles). West Virginia is funding improvements in West Virginia and, Maryland is administering this bi-state project. This is Phase 1 of a four-phase project to upgrade and widen I-81 from the Potomac River/West Virginia State line to the Pennsylvania State line.

PURPOSE & NEED SUMMARY STATEMENT: I-81 corridor improvements will reduce congestion, especially congestion related to high truck volume, and provide capacity for planned development.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS: I-81 Corridor, Potomac River/West Virginia State line to the Pennsylvania State line (Line 3)

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

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

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

STATUS: Engineering underway. Construction to begin during current fiscal year. West Virginia is contributing \$38.0 million for the additional widening to the Maryland State line.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$3.0 million is due to a more detailed estimate.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				TOTAL			
					2019	2020	2021	2022				
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	5,090	2,468	2,622	0	0	0	0	0	0	2,622	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Construction	88,000	0	17,880	26,546	25,339	18,235	0	0	0	88,000	0	0
Total	93,090	2,468	20,502	26,546	25,339	18,235	0	0	0	90,622	0	0
Federal-Aid	43,082	1,825	9,732	11,765	11,258	8,502	0	0	0	41,257	0	0

CLASSIFICATION:

STATE - Principal Arterial

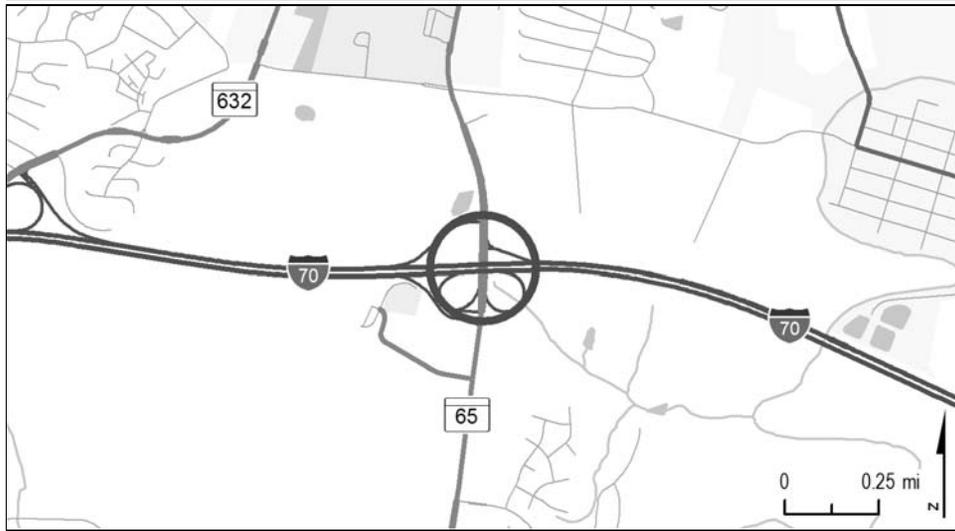
FEDERAL - Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 63,400

PROJECTED (2035) - 91,850



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Study to upgrade the I-70 interchange at MD 65.

JUSTIFICATION: I-70 interchange improvements will reduce congestion and provide capacity for planned development.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
				2019.....2020.....2021.....2022.....		
Planning	1,529	479	1,050	0	0	0	0	0	1,050	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,529	479	1,050	0	0	0	0	0	1,050	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

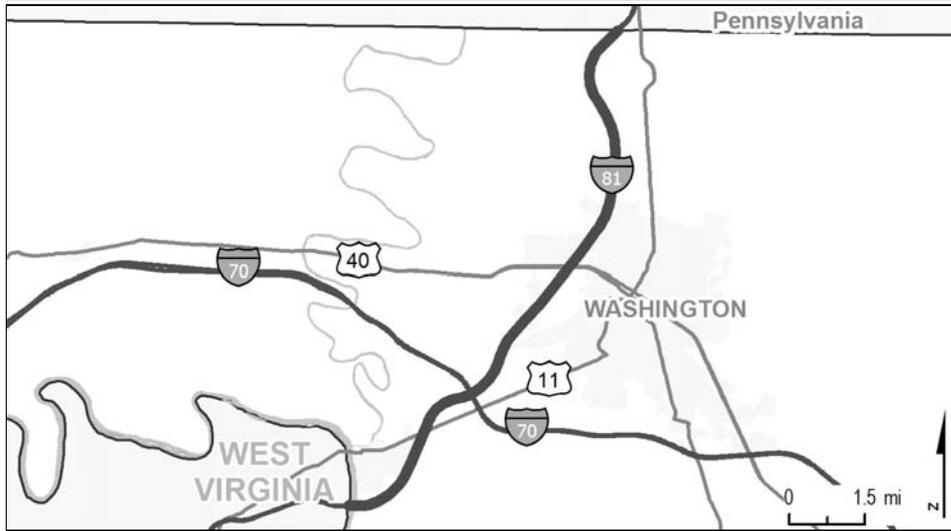
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 64,800

PROJECTED (2035) - 77,150



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Study to upgrade and widen I-81 to a 6 lane divided highway between the Potomac River/West Virginia State line and Pennsylvania State line (12.1 miles).

JUSTIFICATION: I-81 corridor improvements will reduce congestion, especially related to high truck volume, and provide capacity for planned development.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

- I-81, Phase 1, Potomac River/West Virginia State line to MD 63/MD 68 (Line 1)
- I-81, Feasibility Study (Pennsylvania)
- I-81, Northbound Auxillary Lane, I-70 to Halfway Boulevard (System Preservation Program)
- I-81, Southbound Auxillary Lane, MD 58 to US 40 (System Preservation Program)

STATUS: Engineering to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: Added \$5.0 million to Engineering.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				YEAR 2022			
				2019.....2020.....2021.....2022.....				
Planning	3,517	3,517	0	0	0	0	0	0	0	0	0	
Engineering	5,000	0	800	1,200	1,000	1,000	1,000	0	5,000	0		
Right-of-way	0	0	0	0	0	0	0	0	0	0		
Construction	0	0	0	0	0	0	0	0	0	0		
Total	8,517	3,517	800	1,200	1,000	1,000	1,000	0	5,000	0		
Federal-Aid	7,056	3,056	640	960	800	800	800	0	4,000	0		

POTENTIAL FUNDING SOURCE:

SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Urban/Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 45,450 - 80,850

PROJECTED (2035) - 50,800 - 117,850

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 4

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
		<u>Fiscal Year 2016 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		At various locations in Washington County	5,583	Completed
2	US 40	National Pike; Walnut Street to Crest View Road; resurface	2,432	Completed
3	I 81 NB	Maryland Veterans' Memorial Highway; Halfway Boulevard Bridge to Pennsylvania state line; resurface	4,708	Completed
		<u>Safety/Spot Improvement</u>		
4	I 70	Eisenhower Memorial Highway; US 40 Alt to 0.5 miles east of Black Rock Road Bridge; guard rail	865	Completed
5	I 81	Maryland Veterans' Memorial Highway; Halfway Boulevard to PA state line; guard rail	2,468	Completed
6	US 340	Jefferson Pike; Valley Road to Keep Tryst Road; guard rail	280	Completed
		<u>Congressional Earmarks</u>		
7		Eastern Boulevard at Antietam Drive; intersection improvement design Eastern Boulevard widening design; widen from a two lane open section highway to a four lane divided roadway (Earmark \$0.3 million; PE) (Complete)	0	
		<u>Fiscal Years 2017 and 2018</u>		
		<u>Resurface/Rehabilitate</u>		
8		At various locations in west Washington County; mill and resurface	4,421	FY 2017
9		At various locations in east Washington County; mill and resurface	5,695	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
10	US 40	National Pike; Nottingham Drive to Cannon Avenue; sidewalks	1,136	FY 2017
11	I 70	Eisenhower Memorial Highway; Bridge 21113 over CSX to MD 632; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,047	Under construction
12	I 70	Eisenhower Memorial Highway; 0.28 miles east of MD 56 to 0.44 miles east of Boyd Road; safety and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	3,480	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
13		Bridge 2105100, 2105203/04, 2105301/02, 2105401/02 and 2105601/02 on I-81; clean/paint bridges	2,517	FY 2017
14		Bridge 2108300 over I-81; bridge deck overlay	2,601	FY 2017
15		At various locations on National Freeway, Eisenhower Memorial Highway and Millstone Road; clean/paint bridges	1,464	Under construction
16	MD 63	Spielman Road; Structure 21047X0 over St. James Run; small structure replacement	2,000	FY 2017
17	I 70	Eisenhower Memorial Highway; Bridge 2107304 and bridge 2114204 over I-81; bridge rehabilitation	6,000	FY 2017
18	I 70	Bridge 2112900 over Beaver Creek; bridge rehabilitation	1,862	Under construction
19	I 70	Eisenhower Memorial Highway; Bridge 2106900, 2109203, 2109204 and 2111400; clean/paint bridges	1,304	Under construction
20	I 70 EB	Eisenhower Memorial Highway; Bridge 2108900 over I-70 Ramp A in I-70/I-68 Interchange; bridge rehabilitation	4,858	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
21	I 81	Maryland Veterans Memorial Highway; Pennsylvania state line to Halfway Boulevard; construct ramp Funding provided by the Governor's Investment in Highways and Bridges Initiative	6,342	Under construction
<u>Urban Reconstruction</u>				
22	MD 845 A	Main Street; South corporate limits of Keedysville to north corporate limits of Keedysville; urban reconstruction	6,900	FY 2017
<u>Environmental Preservation</u>				
23		IRVM, VEG MGMT along I-70 & I-68 & I-70/US 40, I-70/MD 65, I-70/MD 68 - Phase 1; landscape	1,592	FY 2018
<u>Intersection Capacity Improvements</u>				
24	US 40 AL	E Baltimore Street; at New Intersection Southern Boulevard; geometric improvements	2,300	FY 2017
25	MD 64	N Cleveland Avenue; at Eastern Boulevard; geometric improvements	1,800	FY 2017
26	I 81	Maryland Veterans Memorial Highway; I-70 to Halfway Boulevard; widen and resurface Funding provided by the Governor's Investment in Highways and Bridges Initiative	4,270	Under construction
<u>TMDL Compliance</u>				
27		At various locations in Washington county - Group 1B; drainage improvement	5,114	FY 2017
28		Tree planting at various locations; landscape	3,345	FY 2017
29		Chesapeake Bay Watershed implementation plan - tree establishment at various locations; landscape	204	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2016
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>TMDL Compliance (cont'd)</u>				
30		At various locations in Washington County - group 1; drainage improvement	2,290	FY 2017
31		At various locations in Washington county - group 1A; drainage improvement	5,194	FY 2017
32	I 70	Eisenhower Memorial Highway; Pennsylvania State Line to Frederick County Line; drainage improvement (Transportation Infrastructure Investment Act of 2013)	4,736	Under construction
<u>Enhancements (cont'd)</u>				
<u>Pedestrian/Bicycle Facilities (cont'd)</u>				
33		Western Maryland Rail Trail Phase IV; Pearre Station to Little Orleans; construct trail	2,450	FY 2017
<u>Landscaping/Scenic Beautification/Mitigation</u>				
34		Rehabilitate C&O Canal Interpretive Water Intake	297	Underway