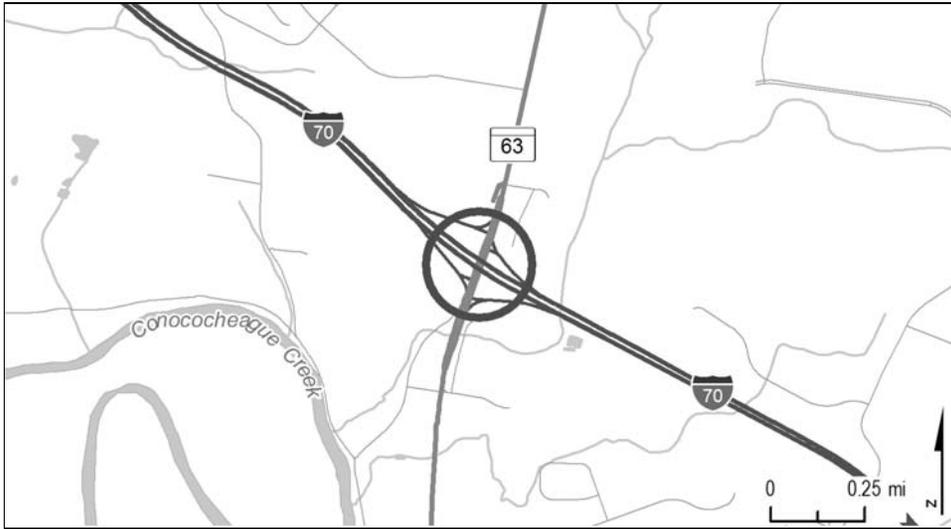


SHA



WASHINGTON COUNTY



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Replaced dual bridges 2110802 and 2110804 on I-70 over MD 63.

PURPOSE & NEED SUMMARY STATEMENT: The existing structures, built in 1965, were structurally deficient.

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: I-70 provides a critical link through central and western Maryland. These bridges were structurally deficient. Replacing these structures supports critical regional transportation needs.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: The cost decrease of \$4.2 million is due to final cost under budget.

| 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 2015 | CURRENT YEAR 2016 | BUDGET YEAR 2017 | FOR PLANNING PURPOSES ONLY | | | | | SIX YEAR TOTAL |
| | | | | |2018.... |2019.... |2020.... |2021.... | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 1,161 | 1,161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 14,134 | 13,891 | 243 | 0 | 0 | 0 | 0 | 0 | 243 | 0 |
| Total | 15,295 | 15,052 | 243 | 0 | 0 | 0 | 0 | 0 | 243 | 0 |
| Federal-Aid | 15,018 | 14,797 | 221 | 0 | 0 | 0 | 0 | 0 | 221 | 0 |

CLASSIFICATION:

STATE - Principal Arterial

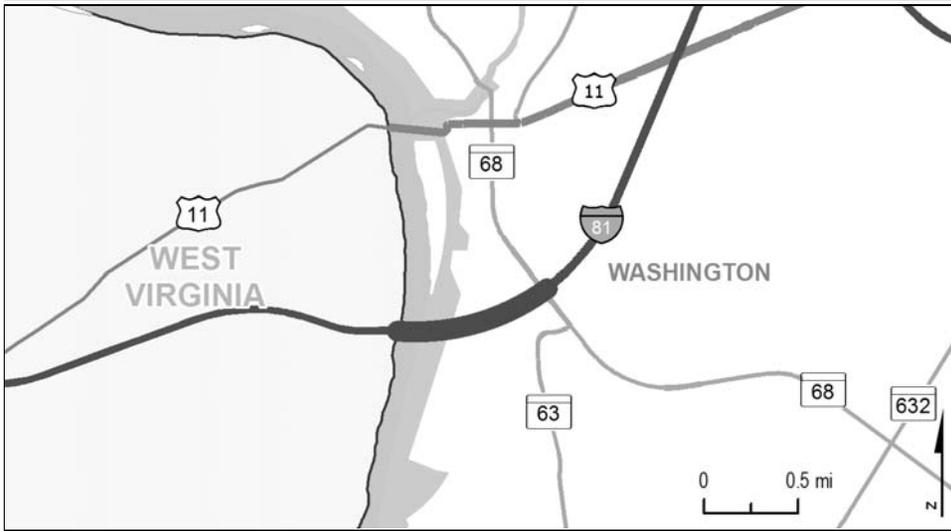
FEDERAL - Urban Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 48,700

PROJECTED (2035) - 69,950



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Widen to six lanes and reconstruct I-81 between the Potomac River/West Virginia State Line and MD 63/MD 68 (1.1 miles), including widening and rehabilitating dual bridges 21078 over the Potomac River. This project is Phase 1 of a four-phase project to widen and reconstruct I-81 from US 11 in West Virginia to the Pennsylvania State Line. Phase 1 also includes West Virginia-funded widening between US 11 and the Potomac River in West Virginia.

PURPOSE & NEED SUMMARY STATEMENT: Currently a four-lane freeway, I-81 operates poorly due to heavy traffic volume, especially truck traffic. Projected Hagerstown area development will contribute further to congestion.

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, West Virginia State Line to the Pennsylvania State Line (Line 4)

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 provides a critical link through western Maryland. Rehabilitating this structure and widening I-81 supports critical regional transportation needs.

STATUS: Engineering underway. Construction to begin during budget fiscal year. West Virginia is contributing \$39.0 million for the additional widening to the Maryland State Line.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: The cost increase of \$45.2 million is due to a revised engineers estimate and the addition of the funding for the West Virginia portion of the project.

| PHASE | POTENTIAL FUNDING SOURCE: | | <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER | | | | | | | SIX YEAR TOTAL | BALANCE TO COMPLETE |
|--------------|------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------|----------------|----------------|----------------|--------|----------------|---------------------|
| | TOTAL ESTIMATED COST (\$000) | EXPEND THRU 2015 | CURRENT YEAR 2016 | BUDGET YEAR 2017 | FOR PLANNING PURPOSES ONLY | | | | | | |
| | | | | |2018..... |2019..... |2020..... |2021..... | | | |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Engineering | 6,067 | 1,496 | 3,871 | 700 | 0 | 0 | 0 | 0 | 4,571 | 0 | |
| Right-of-way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Construction | 90,000 | 0 | 0 | 19,650 | 27,150 | 25,830 | 17,370 | 0 | 90,000 | 0 | |
| Total | 96,067 | 1,496 | 3,871 | 20,350 | 27,150 | 25,830 | 17,370 | 0 | 94,571 | 0 | |
| Federal-Aid | 40,561 | 0 | 0 | 8,856 | 12,236 | 11,641 | 7,828 | 0 | 40,561 | 0 | |

CLASSIFICATION:

STATE - Principal Arterial

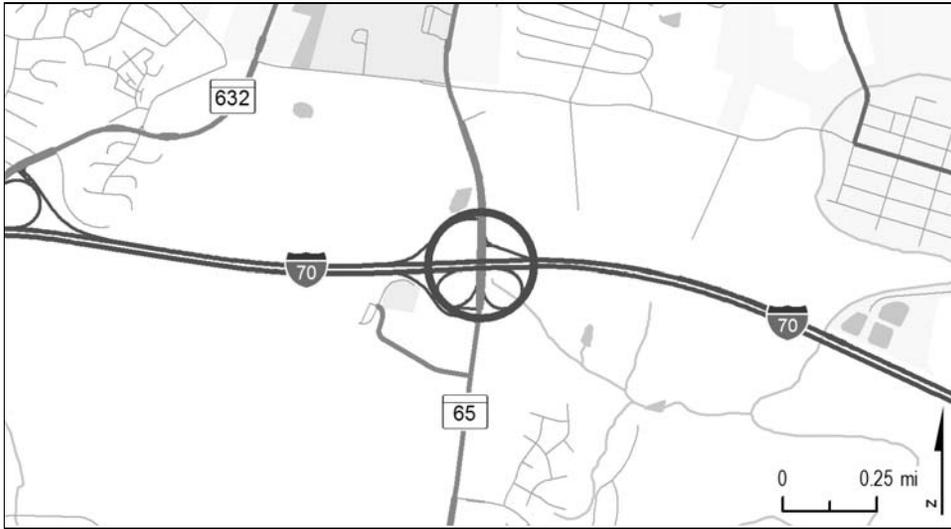
FEDERAL - Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 62,350

PROJECTED (2035) - 91,850



PROJECT: I-70, Eisenhower Memorial Highway

DESCRIPTION: Study of potential I-70 interchange improvements at MD 65.

JUSTIFICATION: Increasing traffic volumes and projected development will increase congestion if capacity is not increased.

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 2015 - 20 CTP: Added \$1.0 million to complete Planning study.

| 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 2015 | CURRENT YEAR 2016 | BUDGET YEAR 2017 | FOR PLANNING PURPOSES ONLY | | | | | SIX YEAR TOTAL |
| | | | | |2018..... |2019..... |2020..... |2021..... | | |
| Planning | 1,529 | 79 | 700 | 750 | 0 | 0 | 0 | 0 | 1,450 | 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 | 79 | 700 | 750 | 0 | 0 | 0 | 0 | 1,450 | 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 (2015) - 64,250

PROJECTED (2035) - 77,150



PROJECT: I-81, Maryland Veterans Memorial Highway

DESCRIPTION: Study of I-81 reconstruction from the West Virginia State Line to the Pennsylvania State Line (12.1 miles).

JUSTIFICATION: Currently a four-lane freeway, I-81 operates poorly due to heavy traffic volume, especially truck traffic. Projected Hagerstown area development will contribute further to congestion.

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, Potomac River/West Virginia State Line and MD 63/MD 68 (Line 2)
- I-81, Feasibility Study (Pennsylvania)
- I-81, Martinsburg to Falling Waters Interchange (West Virginia)

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 2015 | CURRENT YEAR 2016 | BUDGET YEAR 2017 | FOR PLANNING PURPOSES ONLY | | | | | SIX YEAR TOTAL |
| | | | | |2018..... |2019..... |2020..... |2021..... | | |
| Planning | 3,517 | 3,517 | 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 | 3,517 | 3,517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal-Aid | 3,056 | 3,056 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CLASSIFICATION:

STATE - Principal Arterial
 FEDERAL - Urban/Rural Interstate

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2015) - 45,200 - 79,500

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

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WASHINGTON COUNTY LINE 5

| ITEM NO. | ROUTE NO. | DESCRIPTION AND IMPROVEMENT TYPE | TOTAL ESTIMATED COST (\$000's) | CONSTRUCTION START Status as of December 1, 2015 |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| | | <u>Fiscal Year 2016 Completions</u> | | |
| | | <u>Resurface/Rehabilitate</u> | | |
| 1 | | Various locations in Washington County; resurface | 4,993 | Completed |
| | | <u>Bridge Replacement/Rehabilitation</u> | | |
| 2 | US 40 | National Pike; bridge 2113600 over I 70; deck replacement and rehabilitation | 2,967 | Completed |
| | | <u>Fiscal Years 2017 and 2018</u> | | |
| | | <u>Resurface/Rehabilitate</u> | | |
| 3 | | At various locations in west Washington County; mill and resurface | 4,458 | FY 2016 |
| 4 | | At various locations in east Washington County; mill and resurface | 5,916 | FY 2016 |
| 5 | | At various locations in Washington County | 5,583 | Under construction |
| 6 | US 40 | Dual Highway; Walnut Street to Crest View Road; resurface | 3,101 | Under construction |
| 7 | 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 | 3,500 | FY 2017 |
| 8 | I 81 NB | Halfway Boulevard Bridge to Pennsylvania state line; resurface | 4,626 | Under construction |
| 9 | I 70 EB | Eisenhower Memorial Highway; 0.75 mile east of MD 615 to 0.28 mile east of MD 56; resurface | 3,399 | Completed |
| | | <u>Bridge Replacement/Rehabilitation</u> | | |
| 10 | | Bridge 2108300 over I-81; bridge deck overlay | 2,228 | FY 2016 |

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 ESTIMATED COST (\$000's) | CONSTRUCTION START Status as of December 1, 2015 |
|----------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| <u>Fiscal Years 2017 and 2018 (cont'd)</u> | | | | |
| <u>Bridge Replacement/Rehabilitation (cont'd)</u> | | | | |
| 11 | | At various locations on National Freeway, Eisenhower Memorial Highway and Millstone Road; clean/paint bridges | 1,464 | Under construction |
| 12 | MD 63 | Spielman Road; Structure 21047X0 over St. James Run; small structure replacement | 1,500 | FY 2017 |
| 13 | I 70 | Bridge 2112900 over Beaver Creek; bridge rehabilitation | 1,500 | FY 2016 |
| 14 | I 70 | Eisenhower Memorial Highway; Bridge 2106900, 2109203, 2109204 and 2111400; clean/paint bridges | 1,716 | FY 2016 |
| 15 | I 70 EB | Eisenhower Memorial Highway; Bridge 2108900 over I-70 Ramp A in I-70/I-68 Interchange; bridge rehabilitation | 5,000 | FY 2016 |
| <u>Safety/Spot Improvement</u> | | | | |
| 16 | I 70 | Eisenhower Memorial Highway; US 40 Alt to 0.5 miles east of Black Rock Road Bridge; guard rail | 1,291 | FY 2016 |
| 17 | I 81 | Maryland Veterans Memorial Highway; MD 58 to US 40; construct ramp Funding provided by the Governor's Investment in Highways and Bridges Initiative | 3,976 | FY 2017 |
| 18 | MD 144 | Washington Street; At MD 910C; roundabout | 1,651 | Completed |
| 19 | US 340 | Jefferson Pike; Valley Road to Keep Tryst Road; guard rail | 334 | FY 2016 |
| <u>Urban Reconstruction</u> | | | | |
| 20 | MD 845 A | Main Street; South corporate limits of Keedysville to north corporate limits of Keedysville; urban reconstruction (Funded for preliminary engineering only) | 6,900 | Design Underway |

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 ESTIMATED COST (\$000's) | CONSTRUCTION START Status as of December 1, 2015 |
|------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| <u>Fiscal Years 2017 and 2018 (cont'd)</u> | | | | |
| <u>Environmental Preservation</u> | | | | |
| 21 | | IRVM, VEG MGMT along I-70 & I-68 & I-70/US 40, I-70/MD 65, I-70/MD 68 - Phase 1; landscape | 950 | FY 2017 |
| <u>Intersection Capacity Improvements</u> | | | | |
| 22 | US 40 AL | E Baltimore Street; at Southern Boulevard; geometric improvements | 2,300 | FY 2016 |
| 23 | MD 64 | North Cleveland Avenue; at Eastern Boulevard; geometric improvements | 1,800 | FY 2017 |
| 24 | 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 | 4,600 | FY 2016 |
| <u>Truck Weight</u> | | | | |
| 25 | I 81 | MD/PA state line along entrance ramp PA 163; weigh station | 288 | Completed |
| <u>TMDL Compliance</u> | | | | |
| 26 | I 70 | Eisenhower Memorial Highway; Pennsylvania State Line to Frederick County Line; drainage improvement (Transportation Infrastructure Investment Act of 2013) | 6,005 | Under construction |
| <u>Enhancements</u> | | | | |
| <u>Pedestrian/Bicycle Facilities</u> | | | | |
| 27 | | Western Maryland Rail Trail Phase IV; Pearre Station to Little Orleans; construct trail | 2,450 | FY 2016 |
| <u>Landscaping/Scenic Beautification/Mitigation</u> | | | | |
| 28 | | Rehabilitate C&O Canal Interpretive Water Intake | 297 | FY 2016 |

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 ESTIMATED COST (\$000's) | CONSTRUCTION START Status as of December 1, 2015 |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| 29 | | <p align="center"><u>Fiscal Years 2017 and 2018 (cont'd)</u></p> <p align="center"><u>Congressional Earmarks</u></p> <p>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 \$0.4 million; PE)</p> | 0 | |