



RESOLUTION ADOPTING THE FISCAL YEARS 2018 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the U.S. Department of Transportation (DOT) requires that each urbanized area over 50,000 population prepare a Transportation Improvement Program (TIP) for the upcoming three or more years; and,

WHEREAS, a Metropolitan Planning Organization (MPO) has been designated for the Harrisonburg-Rockingham Urbanized Area; and,

WHEREAS, the Virginia Departments of Transportation (VDOT) and Rail and Public Transportation (DRPT) and the jurisdictions of the City of Harrisonburg, Rockingham County, and the towns of Bridgewater, Dayton, and Mt Crawford reviewed this document; and,

WHEREAS, public participation has been sought and considered in accordance with the MPO's Public Participation Plan adopted July 19, 2007; and,

WHEREAS, this update is required for Virginia's State Transportation Improvement Program (STIP) update process, scheduled for completion by September 30, 2017;

NOW, THEREFORE, BE IT RESOLVED, that the Harrisonburg-Rockingham Metropolitan Planning Organization (HRMPO) approves the FY2018 to FY2021 Transportation Improvement Program, pending approval from VDOT and DRPT.

Adopted this 16th day of March 2017, by the HRMPO Policy Board.

ATTEST:

Rick Chandler, Chairman
Harrisonburg-Rockingham
Metropolitan Planning Organization

Bonnie S. Riedesel, Administrator
Harrisonburg-Rockingham
Metropolitan Planning Organization

Harrisonburg MPO

Interstate Projects

UPC NO	67589	SCOPE	Environmental Only			
SYSTEM	Interstate	JURISDICTION	Staunton District-wide		OVERSIGHT	FO
PROJECT	RTE 81 - DEVELOPMENT OF NEPA DOCUMENT				ADMIN BY	VDOT
DESCRIPTION	DISTRICTWIDE					
ROUTE/STREET	0081				TOTAL COST	\$2,909,053
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	(\$1,544,355)	(\$28,417,039)	\$0	\$0	\$0
	Federal - STP/STBG	\$0	(\$5,000,000)	\$0	\$0	\$0
PE TOTAL		(\$1,544,355)	(\$33,417,039)	\$0	\$0	\$0

Harrisonburg MPO

Primary Projects

UPC NO	85228	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Rockingham County	OVERSIGHT	NFO	
PROJECT	Southeast Connector Breakout Project			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.149 Miles West of Harrisonburg City Limits TO: 0.512 Miles East of Harrisonburg City Limits (0.6640 MI)					
ROUTE/STREET	SOUTHEAST CONNECTOR (0280)			TOTAL COST	\$10,333,438	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - STP/STBG	\$71	\$284	\$0	\$0	\$0
RW	Federal - STP/STBG	\$0	\$243,019	\$0	\$0	\$0
CN	Federal - STP/SU	\$0	(\$357,038)	\$0	\$0	\$0

Harrisonburg MPO

Urban Projects

UPC NO	64647	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Harrisonburg		OVERSIGHT	NFO
PROJECT	ERICKSON AVENUE - 4 LANE				ADMIN BY	Locally
DESCRIPTION	FROM: WEST OF GARBERS CHURCH ROAD TO: SOUTH OF HIGH STREET					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	ERICKSON AVENUE (U000)				TOTAL COST	\$17,175,067
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
		\$0	\$0	\$0	\$0	\$0

UPC NO	64648	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Harrisonburg		OVERSIGHT	NFO
PROJECT	ERICKSON AVENUE - 4 LANE				ADMIN BY	Locally
DESCRIPTION	FROM: SOUTH OF HIGH STREET TO: ROUTE 11 (1.0000 MI)					
ROUTE/STREET	ERICKSON AVENUE (U000)				TOTAL COST	\$12,253,200
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE AC	Federal - AC OTHER	\$0	\$958,979	\$0	\$0	\$0

Harrisonburg MPO Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction						
ROUTE/STREET							TOTAL COST	\$97,564,840
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
RW	Federal - BR	\$148,532	\$564,127	\$0	\$0	\$30,000		
	Federal - NHS/NHPP	\$187,500	\$0	\$750,000	\$0	\$0		
	Federal - STP/STBG	\$4,532	\$18,129	\$0	\$0	\$0		
RW TOTAL		\$340,564	\$582,256	\$750,000	\$0	\$30,000		
CN	Federal - AC CONVERSION	\$411,905	\$1,276,000	\$0	\$371,621	\$0		
	Federal - BR	\$730,796	\$0	\$342,864	\$0	\$2,580,318		
	Federal - NHS/NHPP	\$3,815,956	\$0	\$702,479	\$0	\$14,561,345		
	Federal - STP/STBG	\$36,882	\$0	\$147,527	\$0	\$0		
CN TOTAL		\$4,995,539	\$1,276,000	\$1,192,870	\$371,621	\$17,141,663		
CN AC	Federal - AC	\$1,660,231	\$0	\$709,387	\$0	\$5,931,537		

GROUPING		Construction : Rail						
ROUTE/STREET							TOTAL COST	\$383,537
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
		\$0	\$0	\$0	\$0	\$0		

GROUPING		Construction : Safety/ITS/Operational Improvements						
ROUTE/STREET							TOTAL COST	\$44,105,914
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
RW	Federal - NHFP	\$41,500	\$166,000	\$0	\$0	\$0		
CN	Federal - AC CONVERSION	\$648,603	\$0	\$0	\$2,083,478	\$899,823		
	Federal - HSIP	\$100,000	\$0	\$400,000	\$0	\$0		
	Federal - NHFP	\$139,097	\$0	\$556,389	\$0	\$0		
	Federal - NHS/NHPP	\$90,407	\$0	\$361,628	\$0	\$0		
CN TOTAL		\$978,107	\$0	\$1,318,017	\$2,083,478	\$899,823		
CN AC	Federal - AC	\$687,492	\$0	\$3,333,301	\$0	\$0		

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional						
ROUTE/STREET							TOTAL COST	\$2,509,178
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
RW	Federal - TAP/F	\$1,250	\$5,000	\$0	\$0	\$0		
CN	Federal - TAP/F	\$33,018	\$4,000	\$128,071	\$0	\$0		
CN AC	Federal - AC	\$157,136	\$595,276	\$33,267	\$0	\$0		

GROUPING		Maintenance : Preventive Maintenance and System Preservation						
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.						
ROUTE/STREET							TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
CN	Federal - STP/STBG	\$0	\$6,880,463	\$6,519,835	\$8,257,719	\$8,290,921		

GROUPING		Maintenance : Preventive Maintenance for Bridges				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - BR	\$0	\$5,774,010	\$5,471,375	\$6,929,788	\$6,957,651

GROUPING		Maintenance : Traffic and Safety Operations				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - STP/STBG	\$0	\$1,659,914	\$1,572,912	\$1,992,177	\$2,000,187

Appendix A

Projects by Grouping

Harrisonburg MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T19030	Staunton District-wide BRIDGE REHABILITATION/REPLACEMENT	0000	\$0
Primary	90092	Rockingham County Route 11 over North River - Bridge and Approaches FROM: 0.013 Miles North of Route 694 TO: 0.390 Miles North of Route 694 (0.3670 MI)	LEE HIGHWAY (0011)	\$7,037,762
Primary	100781	Rockingham County #SGR Rt. 33 Bridge Replacements over NSRR (Fed ID 20446 & 20 FROM: South Carlton St. Intersection TO: Beginning of SB I-81 On Ramp (0.3000 MI)	0033	\$16,705,884
Primary	104177	Rockingham County I-81 Exit 247 Improvements FROM: Intersection of SB I-81 On Ramp TO: Intersection of SB I-81 Off Ramp (0.3000 MI)	EAST MARKET STREET (0033)	\$51,594,574
Primary	90181	Rockingham County Route 257 over Dry River - Bridge and Approaches FROM: 0.188 Miles West of Route 738 TO: 0.101 Miles East of Route 738 (0.2890 MI)	OTTOBINE ROAD (0257)	\$5,337,204
Secondary	77421	Rockingham County RTE 727 - BRIDGE REPLACEMENT OVER NORTH RIVER FROM: 0.42 MILES WEST INTERSECTION ROUTE 11 TO: INTERSECTION ROUTE 11 (0.4200 MI)	AIRPORT ROAD (0727)	\$4,008,557
Secondary	90183	Rockingham County Route 867 over Pleasant Run - Bridge and Approaches FROM: 0.334 Miles West of Route 693 TO: 0.106 Miles West of Route 693 (0.2280 MI)	NORTH RIVER ROAD (0867)	\$2,660,389
Secondary	97112	Rockingham County #SGR Br Replacemnt (Fed ID 20408 Smithland Rd ovr I-81) FROM: 0.245 Miles South of I-81 TO: 0.278 Miles North of I-81 (0.5100 MI)	SMITHLAND ROAD (0720)	\$10,220,470
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total				\$97,564,840

Construction : Rail

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T19024	Staunton District-wide CN: RAIL	0000	\$0
Urban	105553	Harrisonburg Country Club Dr. - Install Flashing Lights and Gates FROM: .19 Mi SE of Country Club Ct. TO: at CHWRR Crossing #842230B	COUNTRY CLUB DRIVE (0000)	\$383,537
Construction : Rail Total				\$383,537

Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	108809	Harrisonburg #HB2.FY17 I-81 Exit 245 NB Off Ramp Realignment FROM: I-81 NB Decel Off Ramp TO: Intersection of Rte. 253 (0.2500 MI)	I-81 NB OFF RAMP EXIT 245 (0081)	\$3,923,707

Harrisonburg MPO**Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	107802	Statewide	9999		\$500,000
			Incident Management Emergency Evacuation and Detour Plans		
			FROM: Various TO: Various		
Interstate	109069	Staunton District-wide	9999		\$1,400,000
			ROAD DEPARTURE COUNTER MEASURES, HIGH FRICTION SURFACE TREAT		
			FROM: STAUNTON DISTRICT-WIDE TO: VARIOUS		
Miscellaneous	93174	Statewide	0000		\$1,104,740
			SafetyAnalyst Project		
			FROM: various TO: various		
Miscellaneous	105481	Statewide	0000		\$1,400,000
			Impement iPeMS (Iteris Performance Measrement System)		
			FROM: various TO: various		
Miscellaneous	T19027	Staunton District-wide	0000		\$0
			CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS		
Miscellaneous	81363	Staunton District-wide	0000		\$1,378,749
			HSIP ROADWAY SAFETY ASSESSMENT - STAUNTON		
			DISTRICTWIDE		
Miscellaneous	106548	Staunton District-wide	0000		\$745,961
			Committed Safety Projects-Staunton		
			FROM: various TO: various		
Miscellaneous	109483	Staunton District-wide	0000		\$100,000
			SAFETY PRESCOPING - STAUNTON		
			FROM: STAUNTON DISTRICT WIDE TO: VARIOUS		
Primary	108810	Rockingham County		SOUTH VALLEY PIKE (0011)	\$18,296,217
			#HB2.FY17 Route 11 S. Valley Pike Roadway Improvements		
			FROM: 0.01 Mi. S. Int. Rte. 704 East TO: SCL City of Harrisonburg (1.2000 MI)		
Primary	97203	Harrisonburg		VIRGINIA AVE (0042)	\$175,645
			Harrisonburg SRTS - Virginia Ave -sidewalk		
			FROM: 2nd Street TO: 5th Street (0.2000 MI)		
Primary	108178	Staunton District-wide		VARIOUS (9999)	\$410,000
			INSTALL REFLECTIVE BACK PLATES - NORTHWEST REGIONAL		
			FROM: VARIOUS TO: STAUNTON & CULPEPER DISTRICTS		
Primary	109070	Staunton District-wide	9999		\$1,499,000
			SYSTEMIC ROAD DEPARTURE COUNTERMEASURES WITH RESURFACING		
			FROM: STAUNTON DISTRICT-WIDE TO: VARIOUS		
Secondary	15796	Rockingham County	0726		\$7,922,631
			RTE 726 - RECONSTRUCT EXISTING HARDSURFACED ROAD		
			FROM: Harrisonburg ECL TO: Route 253 Port Republic Road (0.7600 MI)		
Urban	80488	Bridgewater	0042		\$2,074,331
			RTE 42 - IMPROVE RTE. 42 (MAIN STREET) IN BRIDGEWATER		
			FROM: INT. DEPOT STREET TO: INT. OLD RIVER ROAD (0.3500 MI)		

Harrisonburg MPO**Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	109379	Harrisonburg	MARTIN LUTHER KING JR WAY (0000)		\$3,174,933
			#HB2.FY17 SOUTH MAIN ST & MLK WAY IMPROVEMENTS		
			FROM: Improvements to MLK Way TO: Near Old Hospital (0.5000 MI)		
Construction : Safety/ITS/Operational Improvements Total					\$44,105,914

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	107518	Harrisonburg	EN15		\$601,776
			Harrisonburg Streetscape Phase 3		
			FROM: Elizabeth Street TO: Wolfe Street		
Enhancement	107517	Rockingham County	JOHN WAYLAND HWY (EN15)		\$500,000
			Rte. 42 Bicycle / Pedestrian / Buggy Lanes		
			FROM: Eberly Rd (Rt 732) TO: 0.1 Miles N of Int of Garbers Church Rd (Rt 910) (1.3300 MI)		
Enhancement	109025	Harrisonburg	EN16		\$189,980
			SPOTSWOOD ELEMENTARY SRTS		
			Spotswood Elementary School		
Miscellaneous	T19019	Staunton District-wide	0000		\$0
			CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL		
Primary	78235	Bridgewater	EN05		\$1,217,422
			TOWN OF BRIDGEWATER - SIDEWALKS AND SHARROWS		
			FROM: 0.15 Miles West of Int of Chester's Way TO: Int. of Weeping Willow Ln (0.6200 MI)		
Construction : Transportation Enhancement/Byway/Non-Traditional Total					\$2,509,178

Maintenance : Preventive Maintenance and System Preservation

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14725	Staunton District-wide	0000		\$0
			STIP-MN Staunton: Preventive MN and System Preservation		
Maintenance : Preventive Maintenance and System Preservation Total					\$0

Maintenance : Preventive Maintenance for Bridges

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14724	Staunton District-wide	0000		\$0
			STIP-MN Staunton: Preventive MN for Bridges		
Maintenance : Preventive Maintenance for Bridges Total					\$0

Harrisonburg MPO

Maintenance : Traffic and Safety Operations

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14723	Staunton District-wide	0000		\$0
		STIP-MN Staunton:	Traffic and Safety Operations		

Maintenance : Traffic and Safety Operations Total \$0

Harrisonburg MPO Total \$144,563,469

**TABLE C : Harrisonburg MPO
FEDERAL FUNDING CATEGORIES
FISCAL CONSTRAINT BY YEAR**

Highway Projects
FFY 2018 - 2021

Fund Source	FFY 2018		FFY 2019		FFY 2020		FFY 2021		TOTAL	
	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation
Federal										
BR/BROS	\$564,127	\$564,127	\$342,864	\$342,864	\$0	\$0	\$2,610,318	\$2,610,318	\$3,517,309	\$3,517,309
HSIP	\$0	\$0	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$400,000
NHFP	\$166,000	\$166,000	\$556,389	\$556,389	\$0	\$0	\$0	\$0	\$722,389	\$722,389
NHS/NHPP	\$0	\$0	\$1,814,107	\$1,814,107	\$0	\$0	\$14,561,345	\$14,561,345	\$16,375,452	\$16,375,452
STP/STBG	(\$95,606)	(\$95,606)	\$147,527	\$147,527	\$0	\$0	\$0	\$0	\$51,921	\$51,921
TAP	\$9,000	\$9,000	\$128,071	\$128,071	\$0	\$0	\$0	\$0	\$137,071	\$137,071
Subtotal -- Federal	\$643,521	\$643,521	\$3,388,958	\$3,388,958	\$0	\$0	\$17,171,663	\$17,171,663	\$21,204,142	\$21,204,142
Other										
State Match	\$189,385	\$189,385	\$847,238	\$847,238	\$0	\$0	\$4,292,913	\$4,292,913	\$5,329,536	\$5,329,536
Subtotal -- Other	\$189,385	\$189,385	\$847,238	\$847,238	\$0	\$0	\$4,292,913	\$4,292,913	\$5,329,536	\$5,329,536
Total	\$832,906	\$832,906	\$4,236,196	\$4,236,196	\$0	\$0	\$21,464,576	\$21,464,576	\$26,533,678	\$26,533,678
Federal - ACC (1)										
BR/BROS	\$776,000	\$776,000	\$0	\$0	\$0	\$0	\$0	\$0	\$776,000	\$776,000
HSIP	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$700,000	\$700,000
NHS/NHPP	\$500,000	\$500,000	\$0	\$0	\$2,105,099	\$2,105,099	\$549,823	\$549,823	\$3,154,922	\$3,154,922
Subtotal -- Federal - ACC (1)	\$1,276,000	\$1,276,000	\$0	\$0	\$2,455,099	\$2,455,099	\$899,823	\$899,823	\$4,630,922	\$4,630,922
Multiple MPOs - Federal (3)										
NHS/NHPP	(\$28,417,039)	(\$28,417,039)	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,417,039)	(\$28,417,039)
STP/STBG	(\$5,000,000)	(\$5,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,000,000)	(\$5,000,000)
Subtotal -- Multiple MPOs - Federal (3)	(\$33,417,039)	(\$33,417,039)	\$0	\$0	\$0	\$0	\$0	\$0	(\$33,417,039)	(\$33,417,039)
Maintenance - Federal (5)										
BR/BROS	\$5,774,010	\$5,774,010	\$5,471,375	\$5,471,375	\$6,929,788	\$6,929,788	\$6,957,651	\$6,957,651	\$25,132,824	\$25,132,824
STP/STBG	\$8,540,377	\$8,540,377	\$8,092,747	\$8,092,747	\$10,249,896	\$10,249,896	\$10,291,108	\$10,291,108	\$37,174,128	\$37,174,128
Subtotal -- Maintenance - Federal (5)	\$14,314,387	\$14,314,387	\$13,564,122	\$13,564,122	\$17,179,684	\$17,179,684	\$17,248,759	\$17,248,759	\$62,306,952	\$62,306,952

- (1) ACC -- Advance Construction -- Funding Included in Federal Category based on year of AC Conversion.
- (2) CMAQ/RSTP includes funds for TRANSIT projects.
- (3) Multiple MPO Category - Funding to be obligated in Multiple MPO Regions.
- (4) Statewide Category - Funding to be obligated Statewide for projects as identified.
- (5) Maintenance Projects - Funding to be obligated for maintenance projects as identified.