

***BRISTOL TENNESSEE / VIRGINIA URBAN AREA
METROPOLITAN PLANNING ORGANIZATION***

**Amendment # 2
FY 2017-2020 Transportation Improvement Program**

Amendment Summary: The Transportation Improvement Program (TIP) documents how federal funds will be allocated for transportation projects within the MPO's Metropolitan Planning Area. The MPO FY 2017-2020 TIP was adopted in November 2016 and subsequently approved by the Federal Highway Administration and Federal Transit Administration.

At that time, Virginia's project funding was based on the FY 2015-2018 State Transportation Improvement Program (STIP). Currently, Virginia is in the process of developing a new STIP for the program years 2018-2021. As a result, Amendment #2 to the MPO's TIP represents incorporation of projects and funding allocations from the new Virginia FY 2018-2021 STIP, pending approval by the Commonwealth Transportation Board.

Bristol MPO
Interstate Projects

UPC NO	9826	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Interstate	JURISDICTION	Washington County	OVERSIGHT	FO	
PROJECT	RTE 81 - 6 LANE WIDENING & INTCHG IMPROVE AT EXIT 5 (11/19)			ADMIN BY	VDOT	
DESCRIPTION	FROM: 5.141 KILOMETERS NORTH TENNESSEE STATE LINE TO: 0.203 KILOMETERS NORTH ECL BRISTOL (8.2340 KM)					
PROGRAM NOTE	Waiting Financial Closure.					
ROUTE/STREET	0081			TOTAL COST	\$79,098,155	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
			\$0	\$0	\$0	\$0

UPC NO	109440	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Interstate	JURISDICTION	Washington County	OVERSIGHT	NFO	
PROJECT	#HB2.FY17 I-81 Exit 19 Ramp Improvements			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.20 Mi. West Intersection Rte. 11 TO: 0.20 Mi. East Intersection Rte. 11 (0.4000 MI)					
ROUTE/STREET	0081			TOTAL COST	\$9,735,983	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
RW	Federal - AC CONVERSION	\$0	\$0	\$0	\$1,148,160	\$0
RW AC	Federal - AC	\$0	\$1,148,160	\$0	\$0	\$0
CN	Federal - AC CONVERSION	\$0	\$0	\$0	\$542,023	\$4,404,680
CN AC	Federal - AC	\$0	\$7,757,380	\$0	\$0	\$0

Bristol MPO
Primary Projects

UPC NO	103710	SCOPE	Right of Way			
SYSTEM	Primary	JURISDICTION	Washington County	OVERSIGHT	FO	
PROJECT	RW only on portion of Rte. 11 CN proj. UPC 99380;			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.02 Mi. E. Mt. Vernon Road TO: 0.04 Mi. E. W. Highlands Blvd. (0.1870 MI)					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	LEE HIGHWAY (0011)			TOTAL COST	\$994,938	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
		\$0	\$0	\$0	\$0	\$0

Bristol MPO

Urban Projects

UPC NO	105309	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Bristol	OVERSIGHT	FO	
PROJECT	#HB2.FY17 Widen Rte. 11 & I-81 south bound on & off ramps			ADMIN BY	Locally	
DESCRIPTION	FROM: 100 feet west of Int. I-81 south bound on/off ramps TO: 75 feet west of Island Rd. (0.1300 MI)					
ROUTE/STREET	LEE HIGHWAY (0011)			TOTAL COST	\$5,850,000	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - STP/SU	(\$15,000)	(\$60,000)	\$0	\$0	\$0
RW	Federal - STP/STBG	\$100,000	\$0	\$400,000	\$0	\$0
CN	Federal - AC CONVERSION	\$0	\$0	\$0	\$0	\$1,000,000
	Federal - STP/STBG	\$34,388	\$0	\$0	\$137,552	\$0
CN TOTAL		\$34,388	\$0	\$0	\$137,552	\$1,000,000
CN AC	Federal - AC	\$0	\$0	\$0	\$3,978,060	\$0

UPC NO	107689	SCOPE	Resurfacing			
SYSTEM	Urban	JURISDICTION	Bristol	OVERSIGHT	NFO	
PROJECT	SURFACE TREATMENT-RECONSTRUCTION RTE. 11			ADMIN BY	Locally	
DESCRIPTION	FROM: Vance St. TO: Commonwealth Ave. (0.5900 MI)					
ROUTE/STREET	ROUTE 11 (0011)			TOTAL COST	\$273,329	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
		\$0	\$0	\$0	\$0	\$0

Bristol MPO Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction				
ROUTE/STREET					TOTAL COST	\$1,850,000
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - AC CONVERSION	\$35,000	\$0	\$315,000	\$0	\$0
	Federal - BR	\$197,547	\$790,186	\$0	\$0	\$0
	Federal - HSIP	\$3,889	\$35,000	\$0	\$0	\$0
CN TOTAL		\$236,435	\$825,186	\$315,000	\$0	\$0
CN AC	Federal - AC	\$218,704	\$874,814	\$0	\$0	\$0

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

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	\$104,827,141
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - HSIP	\$21,261	\$191,350	\$0	\$0	\$0
	Other	\$9,930	\$39,720	\$0	\$0	\$0
CN TOTAL		\$31,191	\$231,070	\$0	\$0	\$0

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional				
ROUTE/STREET					TOTAL COST	\$971,424
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - TAP/F	\$78,023	\$312,091	\$0	\$0	\$0
CN AC	Federal - AC	\$24,977	\$99,909	\$0	\$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	\$3,460,781	\$2,835,024	\$3,590,709	\$3,605,146

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	\$1,258,691	\$1,031,102	\$1,305,946	\$1,311,197
	Federal - STP/STBG	\$0	\$2,438,021	\$1,997,193	\$2,529,551	\$2,539,722
CN TOTAL		\$0	\$3,696,712	\$3,028,295	\$3,835,497	\$3,850,919

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	\$1,121,531	\$918,743	\$1,163,637	\$1,168,315

Appendix A

Projects by Grouping

Bristol MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18937	Bristol District-wide	0000		\$0
		BRIDGE REHABILITATION/REPLACEMENT			
Primary	103503	Washington County	ROUTE 91 - MOUNTAIN CITY HWY (0091)		\$1,850,000
		Bridge (Fed ID 18969) Rte 91 Over Laurel Creek			
		FROM: .5 to Route 58 TO: 1.57 to TN Line			
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total					\$1,850,000

Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18928	Bristol District-wide	0000		\$0
		CN: Rail			
Construction : Rail Total					\$0

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	91257	Bristol	0081	OLD AIRPORT ROAD (0081)	\$6,146,125
		I81 INTERCHANGE IMPROVEMENTS AT EXIT 7			
		FROM: 0.05 mi. North of Stage Coach Rd. TO: Linden Drive (0.2000 MI)			
Interstate	109419	Multi-jurisdictional: Bristol MPO	0081		\$21,200,000
		#HB2.FY17 I-81 at State Route 75 (Exit 17) Interchange Mod.			
		FROM: 0.6 mim s.Int. I-81 TO: Int. I-81			
Interstate	97856	Washington County	0081		\$41,554,715
		INTERSTATE 81 AT EXIT 14 RAMP MODIFICATIONS			
		FROM: 0.686 Mi. West Int. Route 647 TO: 0.608 Mi. East Int. Route 647 (1.2940 MI)			
Interstate	105809	Bristol District-wide	I-81 (9999)		\$1,127,059
		High Friction Surface Treatment - Bristol District			
		FROM: Various TO: Various (3.0800 MI)			
Interstate	107065	Bristol District-wide	9999		\$259,521
		Districtwide Buckle-Up Signing Safety Improvement - Bristol			
		FROM: VARIOUS TO: VARIOUS			
Interstate	107802	Statewide	9999		\$500,000
		Incident Management Emergency Evacuation and Detour Plans			
		FROM: Various TO: Various			
Miscellaneous	T18933	Bristol District-wide	0000		\$0
		CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS			
Miscellaneous	81405	Bristol District-wide	0000		\$1,352,158
		DISTRICTWIDE ROADWAY SAFETY ASSESSMENT			

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	106551	Bristol District-wide	0000		\$745,961
		Committed Safety Projects-Bristol			
		FROM: various 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			
Primary	76503	Washington County	LEE HIGHWAY (0011)		\$2,490,000
		4 Lane raised median w/shared use path - Phase I & II PE			
		FROM: Int. Sugar Hollow Drive TO: 0.12 MI East of Rte 1715 (0.7700 MI)			
Primary	108370	Washington County	LEE HIGHWAY (0011)		\$124,477
		US 11 at Exit 19 Signal Installation			
		FROM: NB Exit 19 Ramps TO: NB Exit 19 Ramps (0.1000 MI)			
Secondary	60792	Washington County	SPRING CREEK ROAD (0611)		\$3,903,949
		RTE 611 - RECONSTRUCTION WITH BRIDGE REPLACEMENT			
		FROM: 0.04 Mi. N. INT. ROUTE 647 TO: ROUTE 11 (0.7200 MI)			
Urban	71689	Abingdon	WEST MAIN STREET (0011)		\$1,723,494
		RTE 11 - ADD STORMWATER CONTROL & STORMWATER MANAGEMENT			
		FROM: 0.16 Mi. E. INT OF ROUTE 11 & ROUTE 140 TO: 0.19 Mi. E.INT. OF ROUTE 11 & ROUTE 140			
Urban	109508	Bristol	BONHAM/PAULENA (3328)		\$141,350
		Bonham Road/Paulena Drive Sidewalk Initiative			
		FROM: Lee Highway TO: 650 feet South of Lee Highway			
Urban	99380	Bristol	LEE HIGHWAY (0011)		\$10,439,372
		FOUR LANE WITH RAISED MEDIAN, SIDEWALKS, AND BIKE PATH			
		FROM: 0.07 MI West of Intersection Old Airport Road TO: 0.254 MI East of Intersection Resting Tree Drive (0.9080 MI)			
Urban	103394	Bristol	LEE HIGHWAY (0011)		\$500,000
		Widening on Rte 11 from 2 to 4 Lanes - PE Only			
		FROM: Island Rd TO: 1900 ft East of Int w/ Island Rd (Flannagan Dr) (0.3600 MI)			
Urban	105753	Bristol	LEE HIGHWAY (0011)		\$9,987,500
		#HB2.FY17 WIDEN RTE. 11 (2 TO 4 LANES)			
		FROM: 265 feet E. of Blevins Blvd. TO: 310 feet W. of Alexis Drive. (0.7800 MI)			
Urban	109514	Bristol	OLD AIRPORT RD. (3318)		\$49,720
		Old Airport Road Sidewalk			
		FROM: various TO: various			
Urban	109509	Bristol	PIEDMONT AVENUE (3305)		\$77,000
		Piedmont Avenue Pedestrian Heads			
		FROM: State Street TO: Goode Street			
Construction : Safety/ITS/Operational Improvements Total					\$104,827,141

Bristol MPO

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	103603	Bristol	ROUTE 11 (EN12)		\$500,000
			City of Bristol, Five Points Roundabout Pedestrian/Lanscapin		
			FROM: Route 11 TO: 5 Point intersection of Route 11, Moore Street, MLK Blvd		
Miscellaneous	T18923	Bristol District-wide	0000		\$0
			CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL		
Primary	81132	Washington County	SLEN		\$471,424
			White's Mill Renovation		
			At White's Mill		
Construction : Transportation Enhancement/Byway/Non-Traditional Total					\$971,424

Maintenance : Preventive Maintenance and System Preservation

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14707	Bristol District-wide	0000		\$0
			STIP-MN Bristol: 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	T14706	Bristol District-wide	0000		\$0
			STIP-MN Bristol: Preventive MN for Bridges		
Maintenance : Preventive Maintenance for Bridges Total					\$0

Maintenance : Traffic and Safety Operations

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14705	Bristol District-wide	0000		\$0
			STIP-MN Bristol: Traffic and Safety Operations		
Maintenance : Traffic and Safety Operations Total					\$0

Bristol MPO Total

\$107,648,565

**TABLE C : Bristol 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	\$790,186	\$790,186	\$0	\$0	\$0	\$0	\$0	\$0	\$790,186	\$790,186
STP/STBG	\$166,350	\$166,350	\$400,000	\$400,000	\$137,552	\$137,552	\$0	\$0	\$703,902	\$703,902
TAP	\$312,091	\$312,091	\$0	\$0	\$0	\$0	\$0	\$0	\$312,091	\$312,091
Subtotal -- Federal	\$1,268,627	\$1,268,627	\$400,000	\$400,000	\$137,552	\$137,552	\$0	\$0	\$1,806,179	\$1,806,179
Other										
Non-Federal	\$39,720	\$39,720	\$0	\$0	\$0	\$0	\$0	\$0	\$39,720	\$39,720
State Match	\$295,650	\$295,650	\$100,000	\$100,000	\$34,388	\$34,388	\$0	\$0	\$430,038	\$430,038
Subtotal -- Other	\$335,370	\$335,370	\$100,000	\$100,000	\$34,388	\$34,388	\$0	\$0	\$469,758	\$469,758
Total	\$1,603,997	\$1,603,997	\$500,000	\$500,000	\$171,940	\$171,940	\$0	\$0	\$2,275,937	\$2,275,937
Federal - ACC (1)										
HSIP	\$0	\$0	\$315,000	\$315,000	\$0	\$0	\$0	\$0	\$315,000	\$315,000
NHFP	\$0	\$0	\$0	\$0	\$1,148,160	\$1,148,160	\$1,616,783	\$1,616,783	\$2,764,943	\$2,764,943
NHS/NHPP	\$0	\$0	\$0	\$0	\$542,023	\$542,023	\$3,787,897	\$3,787,897	\$4,329,920	\$4,329,920
Subtotal -- Federal - ACC (1)	\$0	\$0	\$315,000	\$315,000	\$1,690,183	\$1,690,183	\$5,404,680	\$5,404,680	\$7,409,863	\$7,409,863
Statewide - Federal (4)										
NHFP	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Subtotal -- Statewide - Federal (4)	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Maintenance - Federal (5)										
BR/BROS	\$1,258,691	\$1,258,691	\$1,031,102	\$1,031,102	\$1,305,946	\$1,305,946	\$1,311,197	\$1,311,197	\$4,906,936	\$4,906,936
STP/STBG	\$7,020,333	\$7,020,333	\$5,750,960	\$5,750,960	\$7,283,897	\$7,283,897	\$7,313,183	\$7,313,183	\$27,368,373	\$27,368,373
Subtotal -- Maintenance - Federal (5)	\$8,279,024	\$8,279,024	\$6,782,062	\$6,782,062	\$8,589,843	\$8,589,843	\$8,624,380	\$8,624,380	\$32,275,309	\$32,275,309

FFY18-21 Working STIP

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- (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.