

**Winchester Frederick County (WinFred) Metropolitan Planning Organization (MPO)
Draft FY2018-2021 Transit and Highway Transportation Improvement Program (TIP)**

The WinFred MPO Draft FY2018-2021 Transit and Highways TIPs are available for public review and comment at www.winfredmpo.org or the following locations between March 22 and April 10, 2017: Northern Shenandoah Valley Regional Commission, 400 Kendrick Lane, Suite E, Front Royal, VA; Frederick County Department of Planning & Development, 107 N. Kent Street, Winchester, VA; City of Winchester Planning Department, Rouss City Hall, 15 N. Cameron St., Winchester, VA; Town of Stephens City, 1033 Locust Street, Stephens City, VA; Handley Library, 100 W. Piccadilly Street, Winchester, VA; Bowman Library, 871 Tasker Road, Stephens City, VA.

The Draft Transit and Highway TIPs contain a list of transit and highway transportation projects in the WinFred MPO study area that are anticipated to use federal funds.

Public notice of public involvement activities and time established for the public review and comments regarding the Transit TIP will satisfy the Program of Project requirements.

To make comments or request additional information, please contact Karen Taylor, 400 Kendrick Lane, Suite E, Front Royal, VA 22630. Telephone: (540) 636-8800, E-Mail: ktaylor@NSVregion.org.

The WinFred MPO ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you have questions or concerns about your civil rights in regards to this project or need special assistance for persons with disabilities or limited English proficiency, please contact the WinFred MPO. Please contact the WinFred MPO at 540-636-8800 if you need assistance accessing this document or any related materials.

Winchester MPO Interstate Projects

UPC NO	75881	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Interstate	JURISDICTION	Frederick County		OVERSIGHT	FO
PROJECT	RTE 81 - INTERCHANGE MODIFICATION, EXIT 310				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.546 miles S of Rt.37 TO: 0.513 miles N of Rt. 37 (1.0590 MI)					
ROUTE/STREET	EXIT 310 (0081)				TOTAL COST	\$41,557,992
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	\$0	(\$2,657)	\$0	\$0	\$0
RW	Federal - NHS/NHPP	(\$44,957)	(\$404,615)	\$0	\$0	\$0
CN AC	Federal - AC	\$0	(\$6,351,483)	\$0	\$0	\$0

UPC NO	88659	SCOPE	Preliminary Engineering			
SYSTEM	Interstate	JURISDICTION	Frederick County		OVERSIGHT	FO
PROJECT	PE for I-81 Exit 307 Inter Relocation\Improvement				ADMIN BY	VDOT
DESCRIPTION	Exit 307					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	0081				TOTAL COST	\$1,300,000
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
		\$0	\$0	\$0	\$0	\$0

UPC NO	88820	SCOPE	Preliminary Engineering			
SYSTEM	Interstate	JURISDICTION	Frederick County		OVERSIGHT	FO
PROJECT	I-81 Interchange Study for Exit 313				ADMIN BY	VDOT
DESCRIPTION	Exit 313					
ROUTE/STREET	0081				TOTAL COST	\$2,028,031
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	\$0	(\$476,849)	\$0	\$0	\$0
PE AC	Federal - AC	\$0	(\$6,495,121)	\$0	\$0	\$0

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

Winchester MPO

Primary Projects

UPC NO	94847	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Primary	JURISDICTION	Frederick County	OVERSIGHT	NFO	
PROJECT	#HB2.FY17 Add thru lane from I81 to Rt37& It turn lanes.			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.31 Mile West Route 661 Intersection TO: 0.24 Mile East Route 661 Intersection (0.5500 MI)					
ROUTE/STREET	MARTINSBURG PIKE (0011)			TOTAL COST	\$2,500,755	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE AC	Federal - AC	\$187,500	\$187,500	\$0	\$0	\$0
CN AC	Federal - AC	\$1,062,878	\$1,062,878	\$0	\$0	\$0

Winchester MPO Project Groupings

GROUPING		Construction : Rail				
ROUTE/STREET					TOTAL COST	\$1,084,689
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - STP/STBG	\$20,000	\$180,000	\$0	\$0	\$0
CN AC	Federal - AC	\$2,222	\$20,000	\$0	\$0	\$0

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	\$75,492,049
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - HSIP	\$19,444	\$75,000	\$0	\$100,000	\$0
	Federal - NHS/NHPP	\$86,119	\$344,475	\$0	\$0	\$0
PE TOTAL		\$105,563	\$419,475	\$0	\$100,000	\$0
PE AC	Federal - AC	\$0	\$30,525	\$0	\$0	\$0
CN	Federal - AC CONVERSION	\$333,333	\$0	\$1,500,000	\$1,500,000	\$0
	Federal - HSIP	\$27,778	\$250,000	\$0	\$0	\$0
	Federal - STP/STBG	\$789,728	\$3,158,911	\$0	\$0	\$0
CN TOTAL		\$1,150,839	\$3,408,911	\$1,500,000	\$1,500,000	\$0
CN AC	Federal - AC	\$1,931,659	\$8,452,390	\$5,000,000	\$20,701,722	\$2,200,000

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional				
ROUTE/STREET					TOTAL COST	\$2,282,500
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
RW	Federal - TAP/F	\$6,250	\$25,000	\$0	\$0	\$0
CN	Federal - TAP/F	\$154,250	\$0	\$402,000	\$215,000	\$0
CN AC	Federal - AC	\$40,125	\$0	\$100,500	\$60,000	\$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

Winchester MPO

Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18981	Staunton District-wide	0000		\$0
		CN: RAIL			
Secondary	107028	Frederick County	GAINESBORO RD (0684)		\$89,036
		RT684-Install New Control Box&reuse LED Flashing Lights			
		FROM: 234 ft SE of Rt. 522 TO: At WWRR Crossing #312306S			
Secondary	107027	Frederick County	MERRIMANS LN (0621)		\$146,586
		RT 621-Install Control Box & New LED Flashing Lights & Gates			
		FROM: .90 MI. S of Rt. 50 TO: At WWRR Crossing #868163J			
Secondary	107029	Frederick County	SINGHASS RD (0620)		\$53,631
		RT 620-Upgrade Circuitry and Reuse Cantilever LED Lights			
		FROM: .05 Mi. S of Rt. 803 TO: At WWRR Crossing #868178Y			
Secondary	109371	Frederick County	WELLTOWN RD (0661)		\$200,000
		Rt.661 - Install New8 x8 House and Circuitry			
		FROM: .20 Mi. NW of Rt. 11 TO: at WWRR Crossing 517975W			
Secondary	107030	Frederick County	WOODSIDE RD (0671)		\$270,436
		RT 671-Install New LED Flashing Lights & Gates, Control Box			
		FROM: .28 Mi. E of Rt. 11 TO: At WWRR Crossing #517960G			
Urban	86587	Winchester	CORK STREET (0000)		\$325,000
		Cork St. - Install Cant. Flashing Lt & Flashing Lt w/Bell			
		Intersection of East Lane			
Construction : Rail Total					\$1,084,689

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	56388	Frederick County	0081		\$9,309,712
		RTE 81- CONSTRUCT NBL RAMP BR & INTERCHANGE IMPR @ ABRAMS CR			
		NBL RAMP BRIDGE & INTERCHANGE IMPROVEMENT @ ABRAMS CREEK			
Interstate	104562	Frederick County	0081		\$3,888,633
		I-81 PAVEMENT REHABILITATION - SITE 3			
		FROM: MP 317.25 TO: MP 313.31 (3.9400 MI)			
Interstate	107802	Statewide	9999		\$500,000
		Incident Management Emergency Evacuation and Detour Plans			
		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 Measurement System)			
		FROM: various TO: various			

Winchester MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18993	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			
Primary	109325	Frederick County	VALLEY PIKE (0011)		\$514,704
		#HB2.FY17 Route 11 S. Apple Valley Rd. Right Turn Lane FROM: 0.13 M. N. Int. Apple Valley Rd. TO: 0.13 M. S. Int. Apple Valley Rd. (0.2600 MI)			
Primary	107020	Frederick County	0037		\$3,325,000
		RTE 37 - SAFETY IMPROVEMENTS FROM: Rte 11S TO: Rte 11N			
Primary	107022	Frederick County	NORTHWESTERN PIKE (0050)		\$4,800,000
		RTE 50 - SAFETY IMPROVEMENTS FROM: WVA State Line TO: Rte 654			
Primary	18003	Frederick County	FAIRFAX PIKE (0277)		\$35,934,878
		#HB2.FY17 RTE 277 - WIDEN TO 5 LANES FROM: 0.091 MILE WEST ROUTE STICKLEY DRIVE TO: 0.060 MILE EAST OF DOUBLE CHURCH ROAD (0.6410 MI)			
Secondary	109326	Frederick County	FOX DRIVE (0767)		\$650,996
		#HB2.FY17 Fox Drive Turn Lanes FROM: 0.07 Mi. S. Int. Rte. 522 TO: Int. Rte. 522 (0.0700 MI)			
Secondary	59259	Frederick County	SULPHUR SPRING RD. (0655)		\$5,809,076
		RTE 655 - RECONSTRUCTION FROM: ROUTE 50/ROUTE 17 TO: .288 Mi. E. Rte 656 (1.1860 MI)			
Secondary	100547	Frederick County	WELL TOWN ROAD (0661)		\$1,159,583
		Adding Right Turn Lane to Rt 661 to South Rte 11 FROM: Intersection of Route 11 (Martinsburg Pike) TO: 0.14 Mile North Intersection of Route 11 (Martinsburg Pike) (0.1400 MI)			
Urban	103013	Winchester	VALLEY AVENUE (U000)		\$5,715,978
		Rte 11 - Improve Drainage, Add Sidewalks and C&G FROM: Middle Road TO: Southern City Limits (1.4000 MI)			
Construction : Safety/ITS/Operational Improvements Total					\$75,492,049

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	97834	Winchester	EN10		\$1,200,000
		Green Circle Trail-Phase II-construction of multi-use trail			
Enhancement	106054	Winchester	EN14		\$562,500
		Wentworth Drive SRTS Sidewalk			
Enhancement	106055	Winchester	EN14		\$350,000
		Green Circle Trail - Jubal Early Segment			
Miscellaneous	T18971	Staunton District-wide	0000		\$0
		CN: TRANSPORTATIONS ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL			

Winchester MPO

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	70314	Winchester	EN03		\$170,000
			WINCHESTER GREEN CIRCLE BIKE/PEDESTRIAN BRIDGE		
			PLEASANT VALLEY ROAD AND TRAIL TO SHAWNEE SPRINGS		

Construction : Transportation Enhancement/Byway/Non-Traditional Total \$2,282,500

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

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

Winchester MPO Total \$78,859,238

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021	
WINCHESTER AREA METROPOLITAN PLANNING ORGANIZATION							
Winchester Transit Operating Assistance							
FTA 5307	439	439	439	439	439	FTA 5307	1,756
State	189	189	189	189	189	State	756
Local	250	250	250	250	250	Local	1,000
Revenues	87	87	87	87	87	Revenues	348
Year Total:	965	965	965	965	965	Total Funds:	3,860
Description:							
Winchester Transit Passenger Shelters							
FTA 5307			16	16		FTA 5307	32
State			3	3		State	6
Local			1	1		Local	2
Year Total:	-	-	20	20	-	Total Funds:	40
Description:	Move passenger shelter purchase from 2019 to 2020.						
Winchester Transit Route Signage							
FTA 5307			4			FTA 5307	4
State			1			State	1
Local			1			Local	1
Year Total:	-	-	6	-	-	Total Funds:	6
Description:							
Winchester Transit Shop Equipment							
FTA 5307		8	8			FTA 5307	16
State		1	1			State	2
Local		1	1			Local	2
Year Total:	-	10	10	-	-	Total Funds:	20
Description:	Move shop equipment purchase from 2019 to 2018.						
Winchester Transit ADP Hardware							
FTA 5307		4		4	2	FTA 5307	10
State		1		1	1	State	3
Local		1		1	1	Local	3
Year Total:	-	6	-	6	4	Total Funds:	16
Description:	Remove ADP Hardware purchase from 2018 and 2020, add ADP Hardware purchase to 2021.						
Winchester Transit Replacement of Rolling Stock							
FTA 5307		212	320	360	200	FTA 5307	1,092
State		42	64	72	40	State	218
Local		11	16	18	10	Local	55
Year Total:	-	265	400	450	250	Total Funds:	1,365
Description:	Revise total replacement rolling stock to \$265,000 for 2018; remove rolling stock purchase from 2019.						
Winchester Transit Expansion of Rolling Stock							
FTA 5307		100	-	540	128	FTA 5307	768
State		20	-	108	26	State	154
Local		5	-	27	6	Local	38
Year Total:	-	125	-	675	160	Total Funds:	960
Description:	Remove expansion rolling stock from 2018; add expansion rolling stock to 2021.						
Winchester Purchase Support Vehicles							
FTA 5307			24			FTA 5307	24
State			5			State	5
Local			1			Local	1
Year Total:	-	-	30	-	-	Total Funds:	30
Description:							
Winchester Transit Rehab/Renovation of Maintenance Facility							
FTA 5307		600	600			FTA 5307	1,200
State		120	120			State	240
Local		30	30			Local	60
Year Total:	-	750	750	-	-	Total Funds:	1,500
Description:	Move Rehab/Renovation of Maintenance Facility to 2019.						

		Title: New Freedom			Recipient: Shenandoah Area Agency on Aging		
FTA 5310		196	170	170	170	FTA 5310	706
State		156	161	161	161	State	639
Local		39	9	9	9	Local	66
Revenues		20	12	12	12	Revenues	56
Year Total:	-	411	352	352	352	Total Funds:	1,467
Description:							
		Title: Paratransit Vehicles			Recipient: Shenandoah Area Agency on Aging		
FTA 5310		52	160	220	168	FTA 5310	600
State						State	-
Local		13	40	55	42	Local	150
Year Total:	-	65	200	275	210	Total Funds:	750
Description:							