

Morgantown Monongalia Metropolitan Planning Organization



Transportation Improvement Program

FY 2020-FY 2023

Morgantown Monongalia Metropolitan Planning Organization

243 High Street Room 110

Morgantown WV

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I-Introduction

Transportation Improvement Program (TIP)

Purpose and Development

The Morgantown Monongalia Metropolitan Planning Organization (MMMPO) was established as the urban area's transportation planning agency in 2003 as required by Federal legislation for any urban area with a population over 50,000. The two primary responsibilities of the MMMPO are the development of the Urban Area's Metropolitan Transportation Plan with a minimum of a 20 year planning horizon and the oversight of the use of federal surface transportation funds within the planning area. The MMMPO is charged with ensuring that the use of federal funds is consistent with the goals and objectives of the Metropolitan Transportation Plan. This document is the primary tool for that oversight.

In accordance with 23 CFR 450 subpart C the Morgantown Monongalia Metropolitan Planning Organization (MMMPO) is charged with developing the local Transportation Improvement Program (TIP) documenting the expenditure of Federal Funds on regionally significant transportation projects. Two primary purposes of the TIP are to monitor the progress of implementing the area's Metropolitan Transportation Plan (MTP), and to provide an opportunity for the area's stakeholders to comment on the expenditure of Federal Funds in the area. Federal regulation requires that the TIP be prepared as part of a continuous, cooperative, and comprehensive planning process, that includes an open public involvement process. This TIP includes a list of both public transportation and highway projects programmed for implementation by WVDOT, the West Virginia University Personal Rapid Transit System and Mountain Line Transit. This is consistent with the requirements of Federal legislation.

The TIP must also be fiscally constrained and be consistent with the area's Metropolitan Transportation Plan. To meet these requirements the MMMPO prepares the draft TIP in cooperation with the West Virginia Department of Transportation, Mountain Line Transit, West Virginia University, and other area institutions and stakeholders. The MPO also identifies how each project is consistent with the policies of the Metropolitan Transportation Plan. It should also be noted that the last two fiscal years shown in the TIP are informational and subject to change.

The MPO relies on the State of West Virginia's ongoing budget analysis to assure that the programmed projects are fiscally feasible in the short term. The list of currently programmed projects is the primary purpose for developing a TIP, it provides local decision makers with the opportunity to track progress in implementing the Metropolitan Transportation Plan and it provides the public with an opportunity to comment on how Federal funds are spent for transportation purposes. Given that the WVDOT is the primary funding agency for projects in the MPO area, the list of programmed projects has been prepared in cooperation with and reviewed by WVDOT to insure that the list is financially constrained given the future year funding anticipated by WVDOT.

MAP 21 passed by Congress in 2012 and the FAST Act (Fixing America's Surface Transportation) of 2016 requires the States and Metropolitan Planning Organizations to establish performance measures to identify how transportation investments are meeting national goals. States are required to establish the goals for these performance measures and MPOs are to adopt the State goals or establish their own goals within 180 days of the establishment of the State goals. The MMMPO adopted the State goals for this

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program in January of 2018 and these performance measures have been updated annually as shown in the appendix.

In addition to the TIP the MPO prepares a Priority List as an informational item for the WVDOT as they prepare the State Transportation Improvement Program. The Priority List expresses the order in which the MPO would like to see the MTP Projects implemented.

The Mountain Line Transit System as the grant recipient for FTA 5307 Urbanized Formula funds is primarily responsible for the development of the Transit portion of the Local TIP. As a grant recipient of Federal funds for the maintenance of the Personal Rapid Transit system (PRT) WVU prepares the portions of the TIP related to these funds.

Public Involvement

Once the draft TIP is prepared it is submitted for review by the public during a thirty (30) day public comment period and by the MPO's Committees. The Technical Advisory Committee made up of technical staff from WVDOT and the area's municipalities, and the Citizens Advisory Committee which includes representatives of the general public as well as groups specifically interested in bicycle and pedestrian planning are the MPO Committee's charged with reviewing this document. The results of the Public and Committee comments are then provided to the MPO's Policy Board for their review prior to final adoption of the TIP.

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II-2020 Morgantown Monongalia MPO Committee Membership

MPO Policy Board

Chairman-Joe Statler, Town of Blacksville

Vice-Chairman-Commissioner Tom Bloom, Monongalia County

Treasurer-Mayor Patricia Lewis, Granville

Secretary, Bill Austin, MPO Director ex officio

Mountain Line Transit, Dave Bruffy

City of Morgantown-Mayor Bill Kaweck, Councilor Jennifer Selin, Councilor Dave Harshbarger

Westover-Councilperson Janice Goodwin

Monongalia County Commission-Commissioner Edward Hawkins, Commissioner Sean Sikora

Star City-Recorder Steven Blinco

West Virginia University-Ron Justice

West Virginia Department of Transportation-Division of Highways-Brian Carr

MPO Citizen's Advisory Committee

Maria Smith, Christiaan Abildso, Chip Wamsley, Ed Sneckenberger, Bill Rice, Joe Patten,
Matthew Cross, Charles Renner, Heather Britton

MPO Transportation Technical Advisory Committee

Federal Highway Administration and Federal Transit Administration (ex-officio)-Jason Workman, Chandra Inglis-Smith

Town of Granville, Latina Mayle, Town Manager

Monongalia County Board of Education

Monongalia County, Andrew Gast-Bray, Planning Director

City of Morgantown, Damien Davis-City Eng., Chris Fletcher-Dir. of Dev. Services,

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Morgantown Monongalia MPO-Bill Austin, ex officio

Mountain Line Transit, Dave Bruffy

West Virginia Department of Transportation-Brian Carr, Elwood Penn, Foad Shoukry

West Virginia University, Clement Solomon, Bill Oliver

Morgantown Utility Board-Tim Ball

MPO Freight Advisory Committee

Edward Boyle, Robert Henn, John Laurita, Ryan Nuzum, Barry Pallay

III-Glossary

Transportation Agencies

FHWA-Federal Highway Administration

FTA-Federal Transit Administration

WVDOT-West Virginia Department of Transportation

MPO-Morgantown Monongalia Metropolitan Planning Organization

Federal Funding Classifications

ADHS-Appalachian Development Highway System

ARRA-American Recovery and Rehabilitation Act

BR-Bridge Replacement and Rehabilitation

CMAQ-Congestion Mitigation and Air Quality

FAST Act-Fixing America's Surface Transportation Act

HSIP-Highway Safety Improvement Program

IM-Interstate Maintenance

MAP-21-Moving Ahead for Progress in the 21st Century

NHPP-National Highway Performance Program

NRT-National Recreational Trail

SAFTEA-Safe, Accountable, Flexible, Transportation Efficiency Act of 2003

STP-Surface Transportation Program

Section 5307-FTA Formula (Operating and Capital)

Section 5311-Rural Area Formula Grants

Section 5337-State of Good Repairs Grants

Section 5339-Bus and Bus Facilities Program

TA-Transportation Alternatives funding

Work Categories

CON-Construction, ENG.-Engineering, M-Maintenance, P/PE-Planning and Planning and Environmental, ROW-Right of Way

**IV List of Programmed and Ongoing Projects and Map of Programmed
Projects**

Summary of MPO Metropolitan Transportation Plan Goals and Objectives

(Updated 2017)

- 1) Goal 1-A multimodal transportation system that efficiently moves goods and people**
 - a. Eliminate/reduce current congestion...
 - b. Ensure that future development and related...improvements address capacity needs...proactively
 - c. Improve ingress/egress to most densely developed/highest activity areas of the region
 - d. Provide adequate transportation capacity to support existing business
 - e. Focus capacity improvements for all modes in areas of desired future growth...
- 2) Goal 2-A transportation system in which all modes are highly integrated and connected**
 - a. ...allow for convenient transfer from one mode to another
 - b. ...encourage the use of the most efficient mode...based on the characteristic of the trip...
 - c. Increase the...area in which people have access to non-automobile modes.
 - d. Reduce reliance on automobile for travel
 - e. Better serve those who do not/cannot own and drive a personal automobile.
 - f. Allow for efficient transfer of goods between modes.
 - g. Improve and expand infrastructure for pedestrians, bicyclists and people with disabilities.
 - h. Increase the use of existing rail trails for transportation purposes
- 3) Goal 3-A multimodal transportation system that safely moves people and goods**
 - a. Minimize crashes
 - b. Ensure that future...transportation improvements address safety...
- 4) Goal 4-A transportation system that maximizes the efficiency of freight movement through and within the region with minimal impacts on neighborhoods and campus areas.**
 - a. Reduce truck traffic in residential neighborhoods.
 - b. Improve truck access to key industrial areas
 - c. Increase options for freight movement that minimizes truck traffic on non-interstate roads.
- 5) Goal 5-Greater collaboration between local agencies, state officials, and private interests in pursuit of funding of transportation improvements.**

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- a. More effective and less costly improvements by capitalizing on common needs
 - b. Higher quality improvements due to cost sharing and collaboration
 - c. Transportation improvements that support the...vision for the region
- 6) Goal 6-A transportation system that is attractive, sustainable and livable**
- a. Integrate the local context in planning, design and construction of improvements
 - b. Include sustainability features in design and construction of transportation improvements
 - c. Address multimodal needs in planning, design, and construction of improvements
 - d. Reduce or mitigate the impact of transportation facilities on storm-water facilities
 - e. Enhance travel and tourism in the Morgantown area
- 7) Goal 7-Reduce automobile trip demand, especially during peak hours**
- a. Reduce need for costly transportation and parking infrastructure
 - b. Invest in transportation improvements that support land use patterns that decrease the need to travel.
 - c. Reduce auto emissions and improve air quality
 - d. 50% increase in walking trips
 - e. 5% of all trips made by bicycle by 2025
 - f. Increase number of transit trips by 200%
 - g. Increase telecommuting and virtual lectures (WVU)
 - h. Increase average vehicle occupancy by 50%
- 8) Goal 8 A multimodal transportation system that enhances the homeland security of the region.**
- a. Heighten awareness of homeland security needs related to transportation.
 - b. Improve understanding of critical transportation security issues in the region
 - c. Incorporate homeland security needs in transportation planning, design and construction.

Federal Highway Project List-Project Information (Sorted by Project Name and Map ID)

Project Name	MAP ID	FFY	Funding Obligation Date	Obligation Date Type	Fund Type	Phase	Route	Type of Work	State Project Number	Federal Project Number	Federal Dollar Amount	Total Phase Amount
Airport Exit BR (Garvee 2)	1	2018	8/07/2018	A	OTHER	CON	CO857	REPLACE BRIDGE	S3318570072600	NFA2217036D	\$0	\$6,300,000
Beechurst Ave (General Obligation Bond 4)	2	2018	1/23/2018	A	NHPP	ENG	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019443D	\$400,000	\$500,000
		2021	1/28/2021	E	NHPP	ROW	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019444D	\$2,400,000	\$3,000,000
		2021	8/28/2021	E	OTHER	CON	US019	IMPROVE I/S & WIDEN	U33119132400	NFA2317024D	\$0	\$8,000,000
Boyers Ave/US 19 Improvements	3	2020	12/28/2019	E	NHPP	ENG	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019437D	\$4,000	\$5,000
		2020	1/28/2020	E	NHPP	ROW	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019438D	\$800	\$1,000
		2020	4/28/2020	E	NHPP	CON	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019439D	\$461,600	\$577,000
Brookhaven Rd Improvements	4	2020	4/28/2020	E	CMAQ	ROW	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007263D	\$12,000	\$15,000
		2020	4/28/2020	E	CMAQ	CON	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007264D	\$380,000	\$475,000
Collins Ferry Trail Connector	5	2020	4/28/2020	E	NRT	CON	NA	CONST TRL	U331COLLI100	NRT2014221D	\$44,800	\$56,000
Dunkard Ave Sidewalks Phase V	6	2020	12/28/2019	E	TAP	ENG	NA	Sidewalks	U331MONON604	TAP2018215DTC	\$60,000	\$60,000
		2021	1/28/2021	E	TAP	CON	NA	Sidewalks	U331MONON604	TAP2018216DTC	\$240,000	\$240,000
Everettville BR	7	2020	7/28/2020	E	STP	CON	CO045	REPL	S3314524200	ACST0045069D	\$400,000	\$500,000
Foundry St Linkage Trail	8	2020	6/28/2020	E	NRT	CON	NA	CONST TRL	U331FOUND100	NRT2014219D	\$24,256	\$30,320
Greenbag Rd (General Obligation Bond 4)	9	2023	1/28/2023	E	OTHER	CON	CO857	IMPROVE I/S & WIDEN	U33185706700	NFA2317022D	\$0	\$16,000,000
		2022	11/28/2021	E	STP	ROW	CO857	IMPROVE I/S & WIDEN	U33185706700	STP0857020D	\$2,400,000	\$3,000,000
I-79 Halleck Road Overpass	10	2020	10/22/2019	A	NHPP	CON	I079	Replace Bridge	S331791438100	NHPP0793280D	\$11,970,000	\$13,300,000
I-79 Star City Interchange Improvements	11	2020	3/28/2020	E	NFA	CON	I079	Reconstruction	U331791545000	NFA2317029D	-	\$66,000,000
Mon Blvd - Stewartstown Rd	12	2018	9/25/2018	A	NHPP	CON	WV705	RESURFACE	S33170500200	NHPP0705018D	\$3,355,732	\$4,194,665
Morgantown Multiuse Path	13	2018	5/10/2018	A	TAP	ENG	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016335DTC	\$125,000	\$125,000
		2020	6/28/2020	E	TAP	CON	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016336D	\$300,000	\$375,000
Mylan Park Bridge Approach	14	2020	1/28/2020	E	NHPP	ENG	I079	REALIGN APPROACHES	S3317915400	NHPP0793269D	\$90,000	\$100,000
		2020	5/28/2020	E	NHPP	CON	I079	REALIGN APPROACHES	S3317915400	NHPP0793270D	\$900,000	\$1,000,000
Pleasant St Streetscape	15	2019	3/28/2019	A	TAP	ENG	NA	CONST SW	U331MORGA1900	TAP2016309DTC	\$160,000	\$160,000

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Project Name	MAP ID	FFY	Funding Obligation Date	Obligation Date Type	Fund Type	Phase	Route	Type of Work	State Project Number	Federal Project Number	Federal Dollar Amount	Total Phase Amount
River Road (CO45) Slide Repairs	16	2019			STBG	CON		Road Slide Repair		STBG00455080D	\$2,000,000	\$2,500,000
		2020	1/28/2020	E	STBG	ROW	CO 45	Slide Repairs	S33145115000	STBG00455080D	1180000	\$1,475,000
		2020	5/28/2020	E	STBG	CON	CO 45	Slide Repairs	S33145115000	STBG00455080D	4800000	\$6,000,000
Smithtown Road	17	2019	6/26/2019	A	NHPP	CON	CO073	Resurface	S331 073 00135 00	STBG0073088D	\$1,208,000	\$1,510,000
Star City Trail Connector	18	2020	07/28/2020	E	NRT	CON	NA999	CONSTRUCT TRAIL	U331STARC800	NRT2015041D	\$73,600	\$92,000
University Av/Collins Ferry Ave I/S Improvements	19	2018	3/12/2018	A	CMAQ	ROW	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055037D	\$792,000	\$990,000
		2019	9/16/2019	A	CMAQ	CON	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055038D	\$2,039,375	\$2,549,219
Van Voorhis Rd (WV 705-West Run Rd)	20	2023	6/28/2023	E	OTHER	CON	CO059	IMPROVE I/S & WIDEN	U3315900000	NFA2317023D	\$0	\$15,000,000
		2018	1/23/2018	A	STP	ENG	CO059	IMPROVE I/S & WIDEN	U3315909400	STP0059006D	\$480,000	\$600,000
		2022	6/28/2022	E	STP	ROW	CO059	IMPROVE I/S & WIDEN	U3315900000	STP0059007D	\$4,000,000	\$5,000,000
Walnut St Streetscape	21	2020	8/28/2020	E	TAP	CON	NA	CONST WALK, CROSSWALKS, CURB CUTS, LIGHTING	U331MORGA1700	TEA2012638D	\$238,000	\$297,500
West Run Road	22	2020	8/28/2020	E	HSIP	CON	CO067/01	WIDEN ROAD	U33167100000	HSIP0671006D	\$2,400,000	\$2,400,000
West Run Road (General Obligation Bond 4)	23	2021	28/7/2021	E	OTHER	CON	CO067/01	IMPROVE I/S & WIDEN	U33167118600	NFA2317025D	\$0	\$13,000,000
		2018	2/8/2018	A	STP	ENG	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671008D	\$1,520,000	\$1,900,000
		2020	8/1/2019	A	STP	ROW	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671009D	\$4,640,000	\$5,800,000
WV 100 & Dents Run I/S Improvement	24	2020	4/28/2020	E	HSIP	CON	WV100	IMPROVE TURNING RADIUS/INTERSECTION	U33110010200	HSIP0100152D	\$150,000	\$150,000
WV 7 Improvements (Kings Run Rd-Buckeye Rd)	25	2019	6/26/2019	A	NHPP	CON	WV007	Resurface	S331 007 01456 00	NHPP0007296D	\$751,224	\$939,030
Greenbag Rd & WV 71/S	26	2019	2/14/2019	A	CMAQ	CON	WV007	I/S IMPROVEMENT	U3317353500	CMAQ0007248D	\$1,625,258	\$2,031,572
WV7 OP Interchange (AUTH AC Project) (Split funded)	27	2021	7/28/2021	E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000
		2022	7/28/2022	E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000
		2023	7/28/2023	E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000
		2021	7/28/2021	E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000
		2022	7/28/2022	E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000
		2023	7/28/2023	E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000

Project Name	MAP ID	FFY	Funding Obligation Date	Obligation Date Type	Fund Type	Phase	Route	Type of Work	State Project Number	Federal Project Number	Federal Dollar Amount	Total Phase Amount
Morgantown Ped Improvement Design Study WV 705	N/A	2019	9/4/2019	A	HSIP	ENG	WV 705	Design Study	S23170500000	HSIP0705019D	\$300,000	\$375,000
I-79 Access PIE Study	N/A	2019	8/29/2019	A	NHPP	ENG	NA	Design Rpt PIE	X231MORAC000	NHPP0792200D	\$1,170,000	\$13,000,000
Deckers Creek Trail Resurfacing	N/A	2019	9/26/2019	A	NRT	CON	NA999	PAVE TRAIL	U331DECKE200	NRT2012693D	\$80,000	\$100,000
Deckers Creek Trail Undercut Repair	N/A	2019	9/26/2019	A	NRT	CON	NA	REPAIR EXISTING TRAIL	U331DECKE300	NRT2012686D	\$120,265	\$150,331
Deckers CRK Trail Repair	N/A	2019	8/23/2019	A	NRT	CON	NA	REPAIR TRL	U331DECKE400	NRT2014223D	\$169,898	\$212,370
BOPARC Trail EQ	N/A	2020	12/28/2019	E	NRT	ENG	NA999	EQUIPMENT PURCHASE, TRAIL MAINT	U331BOPAR200	NRT2017162D	\$14,400	\$18,000
Caperton Trail Drainage	N/A	2020	9/28/2020	E	NRT	CON	NA	Design/Upgrade Drainage	U331CAPER200	NRT2018214D	\$31,400	\$39,250
Caperton Trail Lighting	N/A	2020	12/28/2019	E	NRT	ENG	NA	Install Lighting	U331CAPER300	NRT 2018217DTC	25000	25000
	N/A	2020	9/28/2020	E	NRT	CON	NA	Lighting	U331CAPER300	NRT2018218D	\$100,000	\$125,000
Deckers Creek Landslide R	N/A	2020	12/28/2019	E	NRT	ENG	NA999	DESIGN CONST LANDSLIDE REPAIR	U331DECKE600	NRT2017161D	\$36,000	\$45,000
Mon River Rail Trail MNT EQ	N/A	2020	12/28/2019	E	NRT	ENG	NA	EQUIP PURCHASE	U331MONRV100	NRT2015294D	\$48,000	\$60,000
North Central Rail Map Update	N/A	2020	12/28/2019	E	NRT	ENG	NA999	UPDATE & PRINT TRAIL BROCHURE	T631NORTH100	NRT2015244D	\$20,800	\$26,000
Morris Builders BR	N/A	2020	5/28/2020	E	STP	CON	CO019/25	REPL 2 BRIDGES	S331192505500	ACST1925001D	\$900,000	\$1,125,000
Morgantown Bicycle Signage	N/A	2020	7/28/2020	E	TAP	CON	NA999	PURCHASE BICYCLE SIGNAGE	U331MORGA1800	TEA2014195D	\$96,000	\$120,000

Federal Highway Project List-Project Type and Goal (Sorted by Project Name and Map ID)

Project Name	MAP ID	Program Type	Target Performance Measures	MTP Goal
Airport Exit BR (Garvee 2)	1	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety
Beechurst Ave (General Obligation Bond 4)	2	Localized Mobility Program	Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Localized Mobility Program	Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Localized Mobility Program	Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
Boyers Ave/US 19 Improvements	3	Localized Mobility Program	Travel Time Reliability , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety
		Localized Mobility Program	Travel Time Reliability , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety
		Localized Mobility Program	Travel Time Reliability , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety
Brookhaven Rd Improvements	4	Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
		Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
Collins Ferry Trail Connector	5	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction
Dunkard Ave Sidewalks Phase V	6	Community Development and Connectivity Program	Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
		Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Everettville BR	7	Bridge Program	NHS Bridge Condition, Safety	#1-Multimodal, #3-Safety
Foundry St Linkage Trail	8	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction
Greenbag Rd (General Obligation Bond 4)	9	Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection, #4-Freight
		Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection, #4-Freight
I-79 Halleck Road Overpass	10	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety
I-79 Star City Interchange Improvements	11	Regional Mobility Program	Travel Time Reliability , Congestion Mitigation	#1-Multimodal, #3-Safety , #4-Freight
Mon Blvd - Stewartstown Rd	12	Community Development and Connectivity Program	Congestion Mitigation , Safety , NHS Pavement Condition	#1-Multimodal, #3-Safety , #4-Freight, #6-Attractive, Sustainable & Livable
Morgantown Multiuse Path	13	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction
		Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction
Mylan Park Bridge Approach	14	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety
		Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety

Project Name	MAP ID	Program Type	Target Performance Measures	MTP Goal
Pleasant St Streetscape	15	Community Development and Connectivity Program	Bike/Ped Safety	#6-Attractive, Sustainable & Livable
River Road (CO45) Slide Repairs	16	Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
		Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
		Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
Smithtown Road	17	Resurfacing Program	NHS Pavement Condition	#1-Multimodal, #3-Safety , #4-Freight
Star City Trail Connector	18	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction
University Av/Collins Ferry Ave I/S Improvements	19	Localized Mobility Program	Travel Time Reliability , Safety , Bike/Ped Safety, Congestion Mitigation , Freight Movement	#1-Multimodal, #3-Safety , #4-Freight
		Localized Mobility Program	Travel Time Reliability , Safety , Bike/Ped Safety, Congestion Mitigation , Freight Movement	#1-Multimodal, #3-Safety , #4-Freight
Van Voorhis Rd (WV 705-West Run Rd)	20	Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection
		Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection
		Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection
Walnut St Streetscape	21	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #6-Attractive, Sustainable & Livable
West Run Road	22	Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety
West Run Road (General Obligation Bond 4)	23	Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
		Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
		Localized Mobility Program	NHS Pavement Condition , Travel Time Reliability , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
WV 100 & Dents Run I/S Improvement	24	Localized Mobility Program	Safety	#3-Safety
WV 7 Improvements (Kings Run Rd-Buckeye Rd)	25	Resurfacing Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety
Greenbag Rd & WV 71/S	26	Localized Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #4-Freight

Project Name	MAP ID	Program Type	Target Performance Measures	MTP Goal
WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
		Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
Morgantown Ped Improvement Design Study WV 705	N/A	Planning and Workforce Development Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
I-79 Access PIE Study	N/A	Planning and Workforce Development Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection, #4-Freight
Deckers Creek Trail Resurfacing	N/A	Resurfacing Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Deckers Creek Trail Undercut Repair	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Deckers CRK Trail Repair	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
BOPARC Trail EQ	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Caperton Trail Drainage	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Caperton Trail Lighting	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Deckers Creek Landslide R	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight
Mon River Rail Trail MNT EQ	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety
North Central Rail Map Update	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable
Morris Builders BR	N/A	Bridge Program	NHS Bridge Condition, Safety , Freight Movement , Congestion Mitigation	#1-Multimodal, #3-Safety
Morgantown Bicycle Signage	N/A	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable , #7-Trip Demand Reduction

Federal Highway Project List (Sorted by Amendment Date and Obligation Date)

MORGANTOWN MONONGALIA MPO - TRANSPORTATION IMPROVEMENT PROGRAM (TIP)												
Federal Highway Project List (2020-2023)												
Updated January, 2020												
Month Added	Funding Obligation Date	Project Name	Map ID	Program Type	FFY	Obligation Date Type	Fund Type	Phase	Type of Work	Federal Project Number	Federal Dollar Amount	Total Phase Amount
11/1/2019	5/28/2020	River Road (CO45) Slide Repairs	16	Localized Mobility Program	2020	E	STBG	CON	Slide Repairs	STBG00455080D	4800000	\$6,000,000
11/1/2019	1/28/2020	River Road (CO45) Slide Repairs	16	Localized Mobility Program	2020	E	STBG	ROW	Slide Repairs	STBG00455080D	1180000	\$1,475,000
8/1/2019	1/28/2021	Dunkard Ave Sidewalks Phase V	6	Community Development and Connectivity Program	2021	E	TAP	CON	Sidewalks	TAP2018216DTC	\$240,000	\$240,000
8/1/2019	9/28/2020	Caperton Trail Lighting	N/A	Community Development and Connectivity Program	2020	E	NRT	CON	Lighting	NRT2018218D	\$100,000	\$125,000
8/1/2019	12/28/2019	Dunkard Ave Sidewalks Phase V	6	Community Development and Connectivity Program	2020	E	TAP	ENG	Sidewalks	TAP2018215DTC	\$60,000	\$60,000
8/1/2019		River Road (CO45) Slide Repairs	16	Localized Mobility Program	2019		STBG	CON	Road Slide Repair	STBG00455080D	\$2,000,000	\$2,500,000
6/1/2019	9/28/2020	Caperton Trail Drainage	N/A	Community Development and Connectivity Program	2020	E	NRT	CON	Design/Upgrade Drainage	NRT2018214D	\$31,400	\$39,250
6/1/2019	12/28/2019	Caperton Trail Lighting	N/A	Community Development and Connectivity Program	2020	E	NRT	ENG	Install Lighting	NRT 2018217DTC	25000	25000
6/1/2019	10/22/2019	I-79 Halleck Road Overpass	10	Bridge Program	2020	A	NHPP	CON	Replace Bridge	NHPP0793280D	\$11,970,000	\$13,300,000
3/1/2019	6/26/2019	Smithtown Road	17	Resurfacing Program	2019	A	NHPP	CON	Resurface	STBG0073088D	\$1,208,000	\$1,510,000
3/1/2019	6/26/2019	WV 7 Improvements (Kings Run Rd-Buckeye Rd)	25	Resurfacing Program	2019	A	NHPP	CON	Resurface	NHPP0007296D	\$751,224	\$939,030
6/1/2018	3/28/2020	I-79 Star City Interchange Improvements	11	Regional Mobility Program	2020	E	NFA	CON	Reconstruction	NFA2317029D	-	\$66,000,000
	8/1/2019	West Run Road (General Obligation Bond 4)	23	Localized Mobility Program	2020	A	STP	ROW	IMPROVE I/S & WIDEN	STP0671009D	\$4,640,000	\$5,800,000
	7/28/2023	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2023	E	NHPP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$4,000,000	\$5,000,000
	7/28/2023	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2023	E	STP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$16,000,000	\$20,000,000
	6/28/2023	Van Voorhis Rd (WV 705-West Run Rd)	20	Localized Mobility Program	2023	E	OTHER	CON	IMPROVE I/S & WIDEN	NFA2317023D	\$0	\$15,000,000
	1/28/2023	Greenbag Rd (General Obligation Bond 4)	9	Localized Mobility Program	2023	E	OTHER	CON	IMPROVE I/S & WIDEN	NFA2317022D	\$0	\$16,000,000
	7/28/2022	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2022	E	NHPP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$4,000,000	\$5,000,000
	7/28/2022	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2022	E	STP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$16,000,000	\$20,000,000
	6/28/2022	Van Voorhis Rd (WV 705-West Run Rd)	20	Localized Mobility Program	2022	E	STP	ROW	IMPROVE I/S & WIDEN	STP0059007D	\$4,000,000	\$5,000,000

Obligation Type: E = Estimated, A=Actual

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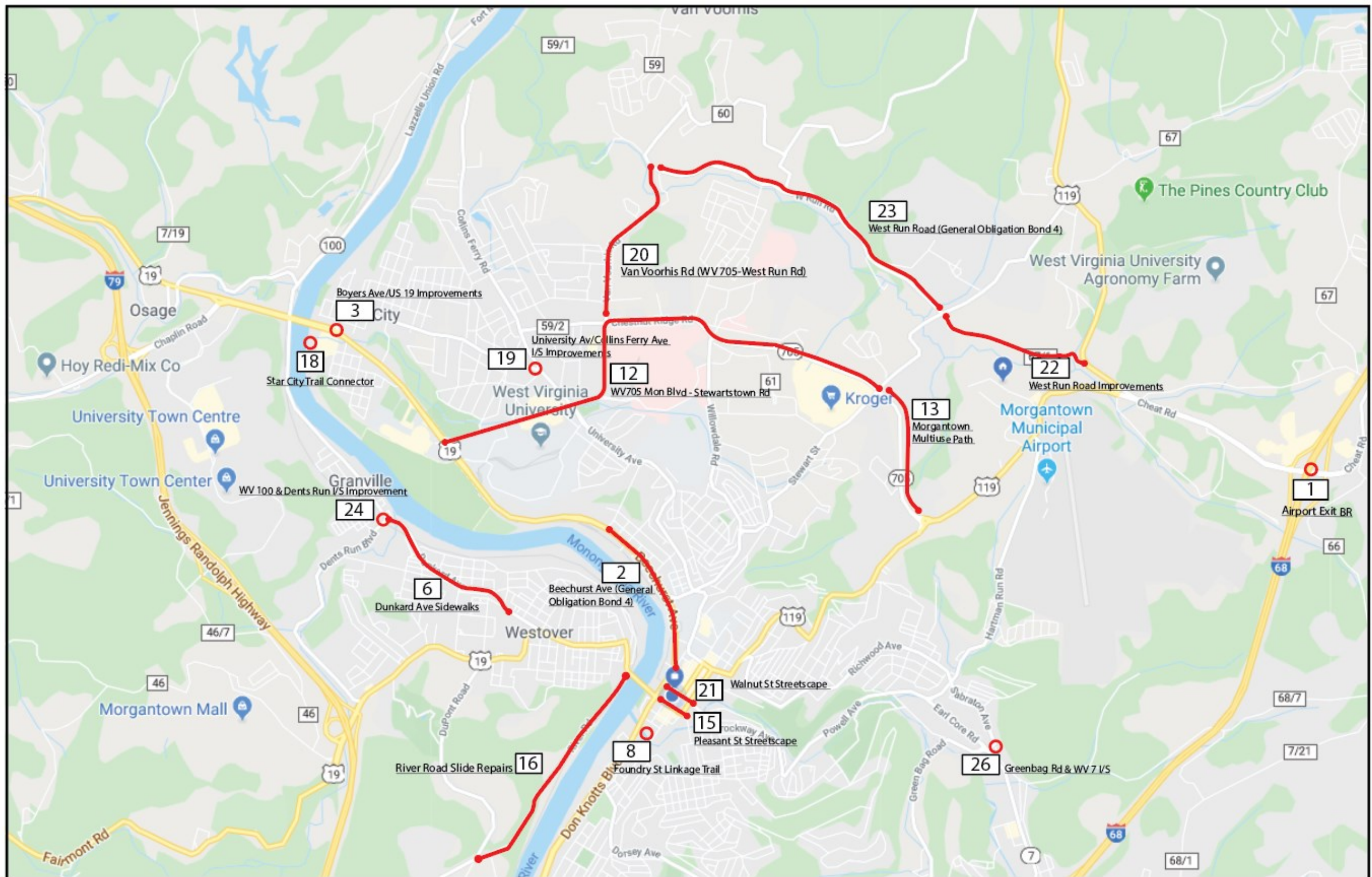
Month Added	Funding Obligation Date	Project Name	Map ID	Program Type	FFY	Obligation Date Type	Fund Type	Phase	Type of Work	Federal Project Number	Federal Dollar Amount	Total Phase Amount
	11/28/2021	Greenbag Rd (General Obligation Bond 4)	9	Localized Mobility Program	2022	E	STP	ROW	IMPROVE I/S & WIDEN	STP0857020D	\$2,400,000	\$3,000,000
	8/28/2021	Beechurst Ave (General Obligation Bond 4)	2	Localized Mobility Program	2021	E	OTHER	CON	IMPROVE I/S & WIDEN	NFA2317024D	\$0	\$8,000,000
	28/7/2021	West Run Road (General Obligation Bond 4)	23	Localized Mobility Program	2021	E	OTHER	CON	IMPROVE I/S & WIDEN	NFA2317025D	\$0	\$13,000,000
	7/28/2021	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2021	E	NHPP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$4,000,000	\$5,000,000
	7/28/2021	WV7 OP Interchange (AUTH AC Project) (Split funded)	27	Regional Mobility Program	2021	E	STP	CON	CONST NEW I/C AND ACCESS RD	NHPP0793271	\$16,000,000	\$20,000,000
	1/28/2021	Beechurst Ave (General Obligation Bond 4)	2	Localized Mobility Program	2021	E	NHPP	ROW	IMPROVE I/S & WIDEN	NHPP0019444D	\$2,400,000	\$3,000,000
	8/28/2020	Walnut St Streetscape	21	Community Development and Connectivity Program	2020	E	TAP	CON	CONST WALK, CROSSWALKS, CURB CUTS, LIGHTING	TEA2012638D	\$238,000	\$297,500
	8/28/2020	West Run Road	22	Localized Mobility Program	2020	E	HSIP	CON	WIDEN ROAD	HSIP0671006D	\$2,400,000	\$2,400,000
	7/28/2020	Everettville BR	7	Bridge Program	2020	E	STP	CON	REPL	ACST0045069D	\$400,000	\$500,000
	07/28/2020	Star City Trail Connector	18	Community Development and Connectivity Program	2020	E	NRT	CON	CONSTRUCT TRAIL	NRT2015041D	\$73,600	\$92,000
	7/28/2020	Morgantown Bicycle Signage	N/A	Community Development and Connectivity Program	2020	E	TAP	CON	PURCHASE BICYCLE SIGNAGE	TEA2014195D	\$96,000	\$120,000
	6/28/2020	Foundry St Linkage Trail	8	Community Development and Connectivity Program	2020	E	NRT	CON	CONST TRL	NRT2014219D	\$24,256	\$30,320
	6/28/2020	Morgantown Multiuse Path	13	Community Development and Connectivity Program	2020	E	TAP	CON	DESIGN / CONST TRAIL	TAP2016336D	\$300,000	\$375,000
	5/28/2020	Mylan Park Bridge Approach	14	Bridge Program	2020	E	NHPP	CON	REALIGN APPROACHES	NHPP0793270D	\$900,000	\$1,000,000
	5/28/2020	Morris Builders BR	N/A	Bridge Program	2020	E	STP	CON	REPL 2 BRIDGES	ACST1925001D	\$900,000	\$1,125,000
	4/28/2020	Boyers Ave/US 19 Improvements	3	Localized Mobility Program	2020	E	NHPP	CON	WIDEN, TURN LANE, TRAFFIC SIGNAL	NHPP0019439D	\$461,600	\$577,000
	4/28/2020	Brookhaven Rd Improvements	4	Localized Mobility Program	2020	E	CMAQ	ROW	INSTALL TRAVEL LANES; SIGNAL	CMAQ0007263D	\$12,000	\$15,000
	4/28/2020	Brookhaven Rd Improvements	4	Localized Mobility Program	2020	E	CMAQ	CON	INSTALL TRAVEL LANES; SIGNAL	CMAQ0007264D	\$380,000	\$475,000
	4/28/2020	Collins Ferry Trail Connector	5	Community Development and Connectivity Program	2020	E	NRT	CON	CONST TRL	NRT2014221D	\$44,800	\$56,000
	4/28/2020	WV 100 & Dents Run I/S Improvement	24	Localized Mobility Program	2020	E	HSIP	CON	IMPROVE TURNING RADIUS/INTERSECTION	HSIP0100152D	\$150,000	\$150,000
	1/28/2020	Boyers Ave/US 19 Improvements	3	Localized Mobility Program	2020	E	NHPP	ROW	WIDEN, TURN LANE, TRAFFIC SIGNAL	NHPP0019438D	\$800	\$1,000
	1/28/2020	Mylan Park Bridge Approach	14	Bridge Program	2020	E	NHPP	ENG	REALIGN APPROACHES	NHPP0793269D	\$90,000	\$100,000
	12/28/2019	Boyers Ave/US 19 Improvements	3	Localized Mobility Program	2020	E	NHPP	ENG	WIDEN, TURN LANE, TRAFFIC SIGNAL	NHPP0019437D	\$4,000	\$5,000

Obligation Type: E = Estimated, A=Actual

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Month Added	Funding Obligation Date	Project Name	Map ID	Program Type	FFY	Obligation Date Type	Fund Type	Phase	Type of Work	Federal Project Number	Federal Dollar Amount	Total Phase Amount
	12/28/2019	Deckers Creek Landslide R	5	Community Development and Connectivity Program	2020	E	NRT	ENG	DESIGN CONST LANDSLIDE REPAIR	NRT2017161D	\$36,000	\$45,000
	12/28/2019	BOPARC Trail EQ	N/A	Community Development and Connectivity Program	2020	E	NRT	ENG	EQUIPMENT PURCHASE, TRAIL MAINT	NRT2017162D	\$14,400	\$18,000
	12/28/2019	Mon River Rail Trail MNT EQ	N/A	Community Development and Connectivity Program	2020	E	NRT	ENG	EQUIP PURCHASE	NRT2015294D	\$48,000	\$60,000
	12/28/2019	North Central Rail Map Update	N/A	Community Development and Connectivity Program	2020	E	NRT	ENG	UPDATE & PRINT TRAIL BROCHURE	NRT2015244D	\$20,800	\$26,000
	9/26/2019	Deckers Creek Trail Resurfacing	N/A	Resurfacing Program	2019	A	NRT	CON	PAVE TRAIL	NRT2012693D	\$80,000	\$100,000
	9/26/2019	Deckers Creek Trail Undercut Repair	N/A	Community Development and Connectivity Program	2019	A	NRT	CON	REPAIR EXISTING TRAIL	NRT2012686D	\$120,265	\$150,331
	9/16/2019	University Av/Collins Ferry Ave I/S Improvements	19	Localized Mobility Program	2019	A	CMAQ	CON	I/S IMPROVEMENT	CMAQ0055038D	\$2,039,375	\$2,549,219
	9/4/2019	Morgantown Ped Improvement Design Study WV 705	N/A	Planning and Workforce Development Program	2019	A	HSIP	ENG	Design Study	HSIP0705019D	\$300,000	\$375,000
	8/29/2019	I-79 Access PIE Study	N/A	Planning and Workforce Development Program	2019	A	NHPP	ENG	Design Rpt PIE	NHPP0792200D	\$1,170,000	\$13,000,000
	8/23/2019	Deckers CRK Trail Repair	N/A	Community Development and Connectivity Program	2019	A	NRT	CON	REPAIR TRL	NRT2014223D	\$169,898	\$212,370
	3/28/2019	Pleasant St Streetscape	15	Community Development and Connectivity Program	2019	A	TAP	ENG	CONST SW	TAP2016309DTC	\$160,000	\$160,000
	2/14/2019	Greenbag Rd & WV 71/S	26	Localized Mobility Program	2019	A	CMAQ	CON	I/S IMPROVEMENT	CMAQ0007248D	\$1,625,258	\$2,031,572
	9/25/2018	Mon Blvd - Stewartstown Rd	12	Community Development and Connectivity Program	2018	A	NHPP	CON	RESURFACE	NHPP0705018D	\$3,355,732	\$4,194,665
	8/07/2018	Airport Exit BR (Garvee 2)	1	Bridge Program	2018	A	OTHER	CON	REPLACE BRIDGE	NFA2217036D	\$0	\$6,300,000
	2/8/2018	West Run Road (General Obligation Bond 4)	23	Localized Mobility Program	2018	A	STP	ENG	IMPROVE I/S & WIDEN	STP0671008D	\$1,520,000	\$1,900,000
	5/10/2018	Morgantown Multiuse Path	13	Community Development and Connectivity Program	2018	A	TAP	ENG	DESIGN / CONST TRAIL	TAP2016335DTC	\$125,000	\$125,000
	3/12/2018	University Av/Collins Ferry Ave I/S Improvements	19	Localized Mobility Program	2018	A	CMAQ	ROW	I/S IMPROVEMENT	CMAQ0055037D	\$792,000	\$990,000
	1/23/2018	Beechurst Ave (General Obligation Bond 4)	2	Localized Mobility Program	2018	A	NHPP	ENG	IMPROVE I/S & WIDEN	NHPP0019443D	\$400,000	\$500,000
	1/23/2018	Van Voorhis Rd (WV 705-West Run Rd)	20	Localized Mobility Program	2018	A	STP	ENG	IMPROVE I/S & WIDEN	STP0059006D	\$480,000	\$600,000

Obligation Type: E = Estimated, A=Actual



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V Programmed Public Transportation Needs and Funding Streams

ADOPTED 03-19-2020

Mountain Line Transit Authority Funding Streams

			2020		2021		2022		2023		2024		2025		Total
		Source	Federal	Local	Federal	Local	Federal	Local	Federal	Local	Federal	Local	Federal	Local	
	Note #		(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)	(1000's)
Operating Assistance	1	\$5307	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	1,568.9	18,826.8
Preventative Maintenance	1	\$5307	330.0	82.5	330.0	82.5	330.0	82.5	330.0	82.5	330.0	82.5	330.0	82.5	2,475.0
Security	1	\$5307	19.9	5.0	19.9	5.0	19.9	5.0	19.9	5.0	19.9	5.0	19.9	5.0	149.3
WV Division of Public Transit Vans for Mobility	8	\$5310	98.5	24.6											123.1
Bus & Bus Facilities FFY 2017, FFY2018	5	\$5339	438.4	145.6											584.0
Bus & Bus Facilities FFY 2019	5	\$5339			638.1	159.5									
Capital Improvement Door Locks	3	\$5307	13.1	3.3											16.4
Bus Shelters and bicycle route project	3	\$5307	12.1	3.0											15.1
Federal 5311(f)	4	\$5311(f)	295.3	295.3	295.3	295.3	295.3	295.3	295.3	295.3	295.3	295.3	295.3	295.3	3,543.6
Bus & Bus Facilities FY18 2019-013	5	\$5339	1,766.9	463.3											2,230.2
Bus & Bus Facilities 2018 -014	5	\$5339	605.1	151.3	150.0	37.5	150.0	37.5	150.0	37.5	150.0	37.5	150.0	37.5	1,693.9
RTAP Operational Study Grant	2	\$5311	50.0	-											
Mobility Contracted Services	8	\$5310	80.0	20.0	80.0	20.0	80.0	20.0	80.0	20.0	80.0	20.0	80.0	20.0	600.0
CMAQ	7	\$5307	8.0	-	7.8	-									15.8
Support Needed			5,286.2	2,762.8	3,090.0	2,168.7	2,444.1	2,009.2	2,444.1	2,009.2	2,444.1	2,009.2	2,444.1	2,009.2	31,120.7
Local Support Provided															
Local Support Levy	9			2,250.0		2,300.0		2,300.0		2,300.0		2,300.0		2,300.0	
Other Local Support Provided	9			1,484.0		1,484.0		1,484.0		1,484.0		1,484.0		1,484.0	
Tota Local Support				3,734.0		3,784.0		3,784.0		3,784.0		3,784.0		3,784.0	
Notes on above by number showing Transit Asset Management goals jointly developed with the State of West Virginia															
1	These are operating funds making rides more affordable. The preventative maintenance portion helps in funding the care and upkeep of the buses.														
2	These Federal funds provided through the State so West Virginia are for an operational study to create a short to medium term strategic plan.														
3	These Federal funds allocated by the State are helping replace the outdated the locks on the main facility to make the facility more secure.														
3	These Federal funds were allocated by the State to help provide shelter for bus and bicycle riders to facilitate coordination of bicycle and bus riding modes.														
4	These Federal funds were allocated through the State to help provide lower cost interstate rides from Clarksburg, WV to Pittsburgh, PA														
5	These Federal funds were allocated by the State to help with the funding of facilities improvements and bus purchases for maintenance and expansion of the fleet.														
7	These funds are used to mitigate traffic congestion and improve air quality by forming vanpools.														
8	These funds are for the support of mobility services for Senior Citizens and people with disabilities														
9	Local support for local match, and support over and above grant revenue in known amounts in thousands:														
		WVU annually	\$	859.6											
		Monongalia County Levy (FY 2020 \$2,250 and FY 2021 \$2,300)	\$	2,250.0											
		Hazel Ruby McClain Foundation	\$	20.0											
		Monongalia County New Fit \$5310 support	\$	20.0											
		Senior Mons	\$	69.9											
		West Run	\$	158.0											
		City of Morgantown	\$	356.5											
		Local Support	\$	3,734.0											

ADOPTED 03-19-2020

West Virginia University Funding Streams

West Virginia University Personal Rapid Transit (PRT)							Vehicle Replacement
Fiscal Year	PROJECT DESCRIPTION	Adoption Date	FUNDING SOURCE	Federal Funds	Match	Total Cost	100% MPRT Funds
2016-2017	MPRT ATC & AFC Project FY 2013		FTA Section 5337	\$959,307	\$239,828	\$1,199,135	
2017-2018	MPRT Power Distribution Gear Replacement		FTA Section 5337	\$1,439,391	\$345,000	\$1,784,391	
2018-2019	MPRT ATC & AFC Project FY 2014 , 2015, 2016		FTA Section 5337	\$2,681,349	\$670,338	\$3,351,687	\$500,000
2019-2020	MPRT Modernization (LONP) 5337	6/21/2018	FTA Section 5337	\$25,000	\$6,700	\$31,700	
	MPRT Modernization (LONP) 5337		FTA Section 5337	\$927,797	\$232,000	\$1,159,797	\$3,063,965
	State of Good Repair-Section 5337	8/15/2019		\$1,960,267.00	\$490,350	\$2,450,617	
2021-2022	MPRT Modernization (LONP) 5337		FTA Section 5337	\$780,000	\$195,000	\$975,000	\$8,547,401
2022-2023	Vehicle Replacement	6/21/2018	FTA Section 5337	\$0	\$14,650	\$14,650	\$14,650
	MPRT Modernization (LONP) 5337		FTA Section 5337	\$780,000	\$195,000	\$975,000	\$13,577,943
2023-2024	Vehicle Replacement	6/21/2018	FTA Section 5337	\$0	\$14,650	\$14,650	\$14,650
	MPRT Modernization (LONP) 5337		FTA Section 5337	\$780,000	\$195,000	\$975,000	\$3,661,282
2024-2025	Vehicle Replacement	6/21/2018	FTA Section 5337	\$0	\$14,650	\$14,650	\$14,650
	MPRT Modernization (LONP) 5337		FTA Section 5337	\$780,000	\$195,000	\$975,000	
2025-2026	Vehicle Replacement	6/21/2018	FTA Section 5337	\$0	\$14,650	\$14,650	\$14,650
	In \$000's						

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Summary of Highway and Transit Funding

Federal Highway Funding Category	Funding Code	FY2018-2019	FY2019-2020	FY2020-2021	FY2021-2022	FY2022-2023	FY2023-2024	FY2024-2025	FY2025-2026	Total
Surface Transportation Performance Program	STPP	\$2,500,000	\$0	\$7,425,000	\$20,000,000	\$28,000,000	\$20,000,000			\$77,925,000
Highway Safety Improvement Program	HSIP	\$0	\$375,000	\$2,400,000	\$150,000	\$0	\$0			
Transportation Alternatives Program	TAP	\$125,000	\$160,000	\$852,500	\$240,000	\$0	\$0			\$1,377,500
National Highway Performance Program	NHPP	\$4,694,665	\$15,449,030	\$14,983,000	\$8,000,000	\$5,000,000	\$5,000,000			\$53,126,695
Congestion Mitigation and Air Quality Program	CMAQ	\$990,000	\$4,580,791	\$490,000	\$0	\$0	\$0			\$6,060,791
	NFA	\$0	\$0	\$0	\$0	\$66,000,000	\$0			\$66,000,000
Surface Transportation Block Grant program	STBG	\$0	\$2,500,000	\$7,475,000	\$0	\$0	\$0			\$9,975,000
NATIONAL RECREATIONAL TRAILS	NRT	\$0	\$462,701	\$516,570	\$0	\$0	\$0			\$979,271
OTHER		\$6,300,000	\$0	\$0	\$21,000,000	\$0	\$31,000,000			\$58,300,000
Total Highway Funding		\$14,609,665	\$23,527,522	\$34,142,070	\$49,390,000	\$99,000,000	\$56,000,000			\$273,744,257
Transit Funds										
FTA 5307				1952000	1926600	1918800	1918800	1918800	1918800	\$11,553,800
FTA 5310				178500	80000	80000	80000	80000	80000	\$578,500
FTA 5339				438400	638100	0	0	0	0	\$1,076,500
FTA 5311(f)				345300	295300	295300	295300	295300	295300	\$1,821,800
FTA 5339				2372000	150000	150000	150000	150000	150000	\$3,122,000
Total Transit Funding		\$0	\$0	\$5,286	\$3,090	\$2,444	\$2,444			\$18,152,600
Total Federal Funding by Year		\$14,609,665	\$23,527,522	\$34,147,356	\$49,393,090	\$99,002,444	\$56,002,444			\$291,896,857

* This table summarizes Federal Funding ONLY. State and Local funds are identified in individual tables

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**VI Analysis of Transportation Project Impact on Title VI and Environmental
Justice Communities**

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In keeping with the requirements of Title VI of the Civil Rights Act of 1964 as amended, and with Executive Order 12898 the Morgantown Monongalia MPO identified the location of low income and minority populations including non-English speakers within Monongalia County. The MPO utilized Census data to determine the location of these populations in relation to scheduled transportation improvements and transit service in the area. In reviewing the locational data it became apparent that the majority of these populations are associated with West Virginia University. It is assumed that low-income student populations are more likely to utilize transit and non-motorized forms of transportation.

The maps included in this section of the Transportation Improvement Program demonstrate that the subject populations in the urban area receive significant transportation benefits from the projects included in the TIP. Since none of the highway projects included in the TIP require significant relocation of homes or other long term disruptions of any community, it is reasonable to assume that these communities will not be disproportionately adversely impacted by these actions any more than the members of the community at large.

The Census Bureau's American Community Survey indicated that Monongalia County had an estimated total population of 106,420 as of 2018. Approximately, 73,429 (approximately 69%) of those residents reside in and around the urban core centered on Morgantown.

There were about 10,424 self-reported "non-white" residents in Monongalia County making up 9.7% of the County's population. Approximately 3.4% (350) of these residents live outside of the urban core, with the remaining 10,074 living within the urban core with the highest density living in close proximity to a WVU campus. This area is well served by transit including the PRT, and given the total population density and related traffic volumes it does not appear that they are subject to an undue amount of disruptive activity scheduled in the TIP.

There were 6,914 County residents who report that they speak a language beside English at home. Approximately 21% (1,451) of those residents reside outside of the urban core. The highest density area for this population is in the vicinity of a WVU campus. This area is served by transit including the PRT, and given the total population density and related traffic volumes the area does not appear to have an undue amount of disruptive activity scheduled in the TIP.

A higher percentage (19.5%) or 20,763 of Monongalia County residents report that they are at or below the poverty level than any of the other groups examined. Over 15.3% (3,176) of these residents reside outside of the urban area. Overall the urban area has a significantly higher density poverty level population than the areas of the County outside of the urban area. Within the urban area the highest density of poverty level residents are in the vicinity of WVU's campuses, and in Granville and Westover. These areas are well served by transit and given the total population density and related traffic volumes in these areas there does not appear to be an undue amount of disruptive activity scheduled in the TIP.

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Environmental Justice Analysis

EJ Block Group Analysis is a system level evaluation on the relations between proposed projects and environmental justice populations. It documents the special relations of proposed projects and EJ Block Groups and the level of planned transportation investment in the area's EJ and non-EJ neighborhoods. Both positive and negative impact of an investment are considered.

EJ Block Group: a census block group with a population that has either: 1) A higher percentage of households in poverty than the county average of 24.0 percent. Or 2) A higher percentage of minority residents than the county average of 9.2 percent.

Non-EJ Block Group: a census block group with a population that has both the same or a lower percentage of households in poverty than the county average of 24.0 percent and the same or a lower percentage of minority residents than the county average of 9.2 percent.

The following tables summarized the results from the Environmental Justice Block Group Analysis.

Based on the analysis described above, it is concluded that:

- There are 27 mapped TIP projects, among which 16 projects are located within in the EJ Block Groups, counting approximately 25% of total funding; 7 projects are partly located within in the EJ Block Groups, accounting approximately 65% of total funding; and 4 projects are not located within in the EJ Block Groups, counting approximately 10% of total funding.
- EJ communities are expected to have more direct benefit from the listed TIP projects, as majority of the projects are operational improvements on existing roadways and aimed to improve community coherency and livability.
- Majority of projects are located in areas with the following demographic characteristics:
 - Higher percentage of minority population
 - Higher percentage of low-income population
 - Higher percentage of linguistically isolated population
 - Lower percentage of population with less than high school education

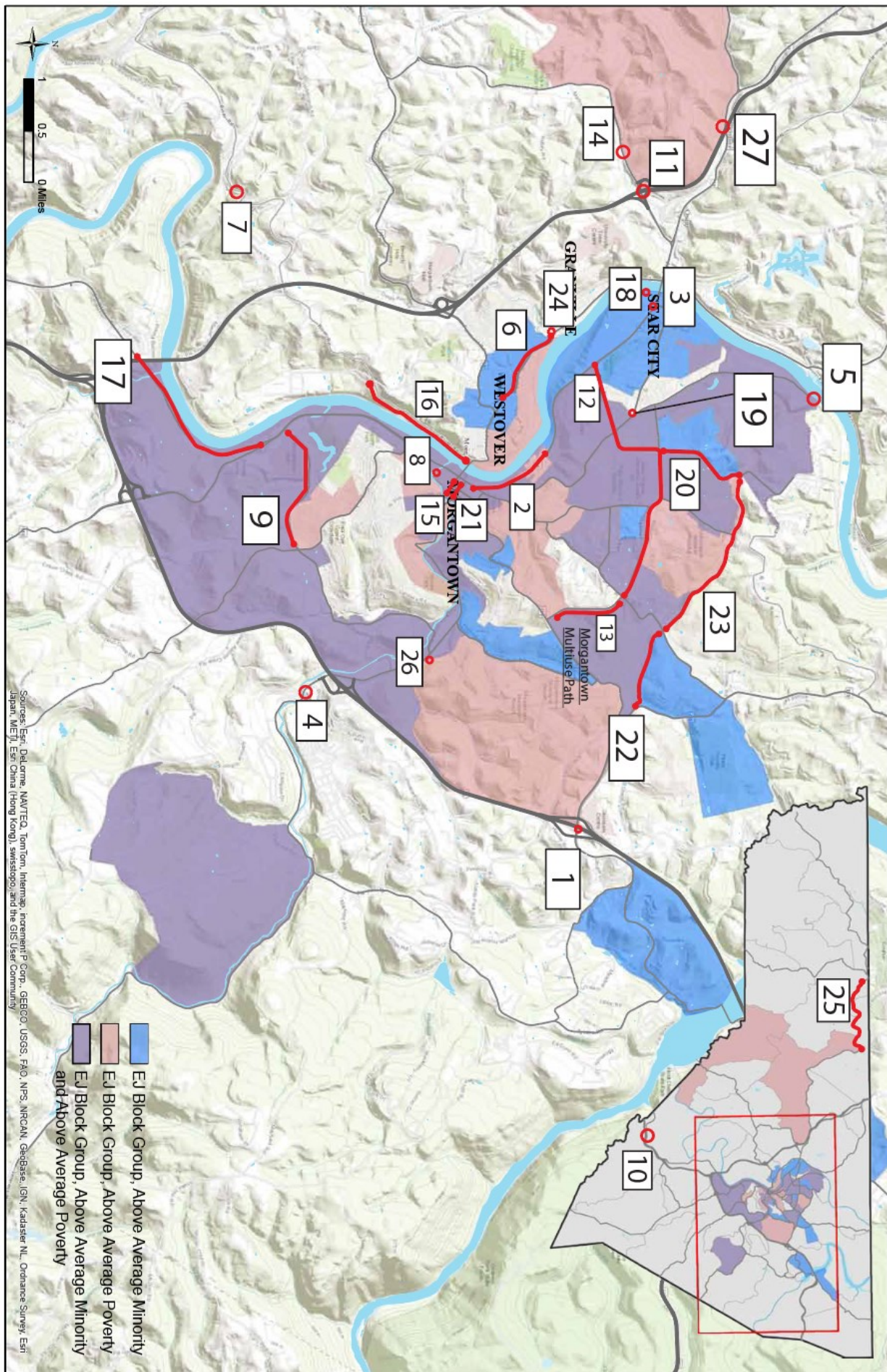
Map ID	Project Name	Total Phase Amount	Relation with EJ Block Groups
1	Airport Exit BR	\$6,300,000	Partly within
2	Beechurst Ave (General Obligation Bond 4)	\$11,500,000	Within

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3	Boyers Ave/US 19 Improvements	\$583,000	Within
4	Brookhaven Rd Improvements	\$490,000	Not within
5	Collins Ferry Trail Connector	\$56,000	Within
6	Dunkard Ave Sidewalks Phase V	\$300,000	Within
7	Everettville BR	\$500,000	Not within
8	Foundry St Linkage Trail	\$30,320	Within
9	Greenbag Rd (General Obligation Bond 4)	\$19,000,000	Within
10	I-79 Halleck Road Overpass	\$13,300,000	Not within
11	I-79 Star City Interchange Improvements	\$66,000,000	Partly within
12	Mon Blvd - Stewartstown Rd	\$4,194,665	Within
13	Morgantown Multiuse Path	\$500,000	Within
14	Mylan Park Bridge Approach	\$1,100,000	Partly within
15	Pleasant St Streetscape	\$160,000	Within
16	River Road (CO45) Slide Repairs	\$9,975,000	Not within
17	Smithtown Road	\$1,510,000	Within
18	Star City Trail Connector	\$92,000	Within
19	University Av/Collins Ferry Ave I/S Improvements	\$3,539,219	Within
20	Van Voorhis Rd (WV 705-West Run Rd)	\$20,600,000	Within
21	Walnut St Streetscape	\$297,500	Within
22	West Run Road	\$2,400,000	Within
Map ID	Project Name	Total Phase Amount	Relation with EJ Block Groups
23	West Run Road (General Obligation Bond 4)	\$20,700,000	Partly within
24	WV 100 & Dents Run I/S Improvement	\$150,000	Partly within
25	WV 7 Improvements (Kings Run Rd-Buckeye Rd)	\$939,030	Partly within

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26	Greenbag Rd & WV 71/S	\$2,031,572	Within
27	WV7 OP Interchange (AUTH AC Project) (Split funded)	\$75,000,000	Partly within
n/a	Morgantown Ped Improvement Design Study WV 705	\$375,000	Not mapped
n/a	I-79 Access PIE Study	\$13,000,000	Not mapped
n/a	Deckers Creek Trail Resurfacing	\$100,000	Not mapped
n/a	Deckers Creek Trail Undercut Repair	\$150,331	Not mapped
n/a	Deckers CRK Trail Repair	\$212,370	Not mapped
n/a	BOPARC Trail EQ	\$18,000	Not mapped
n/a	Caperton Trail Drainage	\$39,250	Not mapped
n/a	Caperton Trail Lighting	\$150000	Not mapped
n/a	Mon River Rail Trail MNT EQ	\$60,000	Not mapped
n/a	North Central Rail Map Update	\$26,000	Not mapped
n/a	Morgantown Bicycle Signage	\$120,000	Not mapped
n/a	Deckers Creek Landslide R	\$45,000	Not mapped



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VII Certification

X Metropolitan Transportation Planning Process Certification

In accordance with 23 CFR 450 334, the West Virginia Department of Transportation and the Morgantown Monongalia Metropolitan Planning Organization, hereby certify that the transportation planning process is addressing the major issues in accordance with all applicable requirements of:

- I. 23 USC 134 49 5303 and this subpart, in non-attainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act as amended (42 USC 7504, 7506, c, (d), and 40 CFR part 93,
- II. Title VI of the Civil Rights Act of 1964 as amended (42 USC 2000d-1) and 49 CFR part 21 49 USC 5332 prohibiting discrimination on the basis of race, color, creed, national origin, or age in employment or business opportunity,
- III. Section 1101(b) of the SAFETEA-LU (Pub. L.109-59) and 49 CFR part 26 regarding the employment of disadvantaged businesses
- IV. 23 CFR part 230, regarding the implementation of an equal opportunity program on Federal-aid highway construction projects
- V. The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq) and 49 CFR parts 27, 37 and 38The Older Americans Act as amended ((42 USC 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal Financial Assistance Section 324 of title 23 USX regarding the prohibition of discrimination based on gender
- VI. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities

Morgantown Monongalia MPO

West Virginia Department of Transportation

Signed_____

Signed_____

Title_____

Title _____

Date_____

Date_____