



243 High Street Room 110
Morgantown, WV 26505
(304) 291-9571
www.plantgether.org

Agenda

MPO Transportation Technical Advisory Committee Meeting

Conference Room

MPO Offices

243 High Street Room 110

Morgantown WV

May 9 2018

1:30 PM

1. Call To Order
2. Approval of Minutes
3. TIP Adoption
4. Memorandums of Understanding with Transit Agencies and WVDOT
 - a. WVDOT
 - b. WVU
 - c. Mountain Line
5. Update on Pedestrian Plan
6. Update on ongoing "PIE Studies"
7. Ongoing Project Update
8. Other Business
9. Meeting Adjournment



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Memorandum

Date: May 3, 2018

To: Transportation Technical Advisory Committee Members

From: Bill Austin, AICP

Subject: May 9, 2018 TTAC Meeting Agenda Items

This memorandum is to inform you of the action items for the May 9th TTAC Meeting.

-2018 Transportation Improvement Program-Please find enclosed the draft 2018-2023 Urban Area Transportation Improvement Program (TIP). This document has been updated to include the projects completed in the last 5 years, and a separate list of projects programmed and obligated but not completed in the last year. The document is consistent with the March 15th WVDOH State Transportation Improvement Program (STIP) and it will be administratively adjusted to reflect additional funding required for the Monongahela Boulevard two way left turn lane project. This administrative adjustment is the only change in the STIP since staff created the updated TIP. The draft TIP was released for public review on April 4th to meet the requirements of the MPO's public participation plan. It is respectfully requested that the TTAC recommend adoption of the 2018-2023 TIP to the Policy Board.

-Memorandums of Understanding-The most recent Federal transportation legislation MAP 21 and the FAST Act require the State's, transit agencies, and MPO's, to develop performance measures to help ensure that the investments in transportation are meeting national, state, and local goals. To this end the federal legislation requires these agencies to enter into agreements identifying how the performance measures will be implemented. The federal legislation also requires the agency's to identify how the participants will develop a financial plan as well as an annual list of obligated projects. In discussions with the WVDOH and FHWA, we have determined that the best way to accomplish this is for the MPO to enter into an agreement with WVDOT on performance measures. This agreement spells out the MPO's responsibilities to include performance measurement including those measures that are the responsibility of the area's transit agencies, in the urban area's Prospectus which defines the task in the Unified Planning Work Program. As outlined in the Agreement the MPO will also enter into agreements with the area's transit agencies identifying their responsibilities and

agreeing to define these work tasks in the MPO's Prospectus. Once these agreements are in place and the performance measures are fully identified the MPO, in cooperation with WVU and Mountain Line will amend the recently added performance measure section of the Prospectus to reflect each agency's responsibilities.

Please find attached a copy of the MPO's proposed agreement with WVDOT and a sample agreement with a transit agency, since we are proposing to use the same agreement with both WVU and Mountain Line. It is respectfully requested that the TTAC recommend adoption of these agreements to the MPO Policy Board.

-Pedestrian Plan Update-The MPO has been conducting preliminary data collection for the update of the area's pedestrian plan as outlined in the current years UPWP. However, the actual conduct of the Study has been under discussion with Pedestrian Safety Working group established in conjunction with WVDOH District 4, WVU, the City of Morgantown, the MPO and a collection of stakeholders including WVU students, Monongalia County, LTAP (including Dr. Ron Eck), and others. This group is tentatively recommending that the MPO's effort be expanded to comprehensively review the area's pedestrian needs using a consultant recognized for their expertise in pedestrian access. We are also in the process of approaching the Bicycle Board to see if they are willing to join into this effort.



82 Hart Field Road Suite 105
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MINUTES

MPO Transportation Technical Advisory Committee
MMMPO Conference Room
243 High St. Room 110, Morgantown, WV
March 6, 2018, 3 PM

Members Present

Bill Austin, Damien Davis, Rich Wood, Brian Carr, Donny Williams, Dave Bruffy

Others Present

John Whitmore-City of Morgantown, Chris Kinsey-WV DOH,
Alex Stockdale-City of Morgantown, Jing Zhang-MMMPO

1. Call to Order

With a quorum present, Mr. Austin called the meeting of the TTAC to order at 3:00 PM.

2. Approval of the Minutes

Mr. Austin noted that the minutes of the last meeting were included in the agenda packet. Mr. Davis moved to approve the minutes as presented, seconded by Mr. Wood. With no discussion, the motion was unanimously approved.

3. TIP Amendments

Mr. Austin noted that the WV DOH requested that the MPO amend the TIP. The amendments are related to federal funding for the new I-79 interchange and access road construction project from 2021 to 2024. It is anticipated that the environmental work for the I-79 Access project may not be completed in time for the project to be included in the general obligation bonds to be issued in the next four years. It is assumed that if that work is completed in time, the project will be funded through the general obligation bonds as previously proposed by WVDOH. Mr. Wood moved to recommend approval of the TIP Amendments to the Policy Board as presented, seconded by Mr. Carr. With no discussion, the motion was unanimously approved.

4. Draft Unified Planning Work Program

Mr. Austin noted that the committee has reviewed the draft UPWP in the January meeting and since then, no substantial changes have been made. Aside from normal operations the draft UPWP includes: working with the Bike Board to update the regional bike plan; preparing an operational analysis at the intersection of Willey Street and Richwood Avenue for the City of Morgantown; developing a guidebook for working with the MPO; and developing an ongoing bicycle and pedestrian data collection program. Mr. Bruffy moved to recommend approval of the Draft Unified Planning Work Program to the Policy Board as presented, seconded by Mr. Williams. With no discussion, the motion was unanimously approved.

5. Update on Pedestrian Plan

Mr. Austin noted that in responding to the recent pedestrian crashes near the WVU campus, the MPO is working with the DOH, the City of Morgantown, and WVU to establish a working group to improve the pedestrian safety in the area. The MPO will revise the scope of work for the pedestrian safety plan update. The new work scope will have significant emphasis on public involvement and education programs for both pedestrians and motorists. The MPO will probably work with a consulting firm on this project. Mr. Austin also noted that the MPO is preparing for pedestrian traffic counts and the map of count locations is included in the agenda package for review.

Mr. Williams noted that there should be a data-driven process to identify the causes of pedestrian hazards and to adopt a holistic approach to improve pedestrian safety in the area. He suggested developing a toolbox for pedestrian safety that can also be used by the DOH in other areas of the state. Mr. Williams suggested identifying 3-5 demonstration projects to improve pedestrian safety in the area. Mr. Carr asked what kind of demonstration projects that Mr. Williams refers to. Mr. Williams noted that those projects could be focusing on immediate improvement at critical locations, such as lighting, warning signs, signal timing, restriping, and other innovative solutions to a particular location. He also noted that the secondary impact of a project should be closely considered, including traffic patterns and driving behavior.

Mr. Davis noted that it is critical to identify the causes of crashes and to develop countermeasure accordingly to prevent further incidents. Mr. Carr noted that highway projects should balance pedestrian accessibility and vehicle mobility. Mr. Bruffy noted that improving the access to bus stops and bus shelters will enhance the overall walking environment. He also noted that there are large number of bus passengers at the Morgantown motel at the US 119 and Smithtown Rd intersection.

Mr. Austin noted that the upcoming reconstruction project on Mileground Rd could provide an opportunity for such demonstration to improve pedestrian safety. He also point out the need to develop long term strategies to address pedestrian safety in the area and to include the whole community in the discussion. Mr. Austin noted that the MPO will amend the current UPWP to include the expanded work on pedestrian safety initiatives.

6. Other Business

Mr. Austin noted that the MPO Freight Advisory Committee meeting is on March 8, 2018. The manager of the Freight Planning SW Pennsylvania Commission will make a presentation on US Army Corp of Engineers Upper Ohio River System Study.

7. Meeting Adjournment

The meeting adjourned at 4:17 PM.

Morgantown Monongalia Metropolitan Planning Organization



Transportation Improvement Program FY 2019-FY 2023

Morgantown Monongalia Metropolitan Planning Organization

243 High Street Room 110

Morgantown WV

www.plantgether.org

Draft

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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 use of federal funds are 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. In addition to currently scheduled projects the TIP includes a list of projects completed in the area over the last five years. 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. To date West Virginia has adopted statewide Highway Safety Improvement Program goals. The MMMPO adopted the State goals for this program in January of 2018 as shown in the appendix. The MMMPO anticipates adopting goals for the remaining Federal categories as the State progresses through the process. The MMMPO will modify this TIP accordingly.

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.

II 2018 Morgantown Monongalia MPO Committee Membership

MPO Policy Board

Chairman-The Honorable Mike Kelly, Monongalia County Board of Education

Vice-Chairman-Councilperson Jennifer Selin, City of Morgantown

Treasurer-Mayor Patricia Lewis, Granville

Secretary, Bill Austin, MPO Director ex officio

Mountain Line Transit, Dave Bruffy

City of Morgantown-Mayor Bill Kaweck, Councilor Ryan Wallace

Blacksville, The Honorable Joe Statler

Westover-Councilperson Janice Goodwin

Monongalia County Commission-Commissioners Tom Bloom, Edward Hawkins, Sean Sikora

Star City-Councilman Dominick Claudio

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, Chris Azzaro, Ed Sneckenberger, Bill Rice,
Joe Patten, Matthew Cross, Charles Renner, Heather Britton, Kyle Haugh

MPO Transportation Technical Advisory Committee

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

Town of Granville, Ron Snyder, Town Manager

Monongalia County Board of Education, Jeff Meadows

Monongalia County, Richard Wood, Planning Director

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

Morgantown Monongalia MPO-Bill Austin, ex officio

Mountain Line Transit, Dave Bruffy

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

West Virginia University, Clement Solomon

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

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

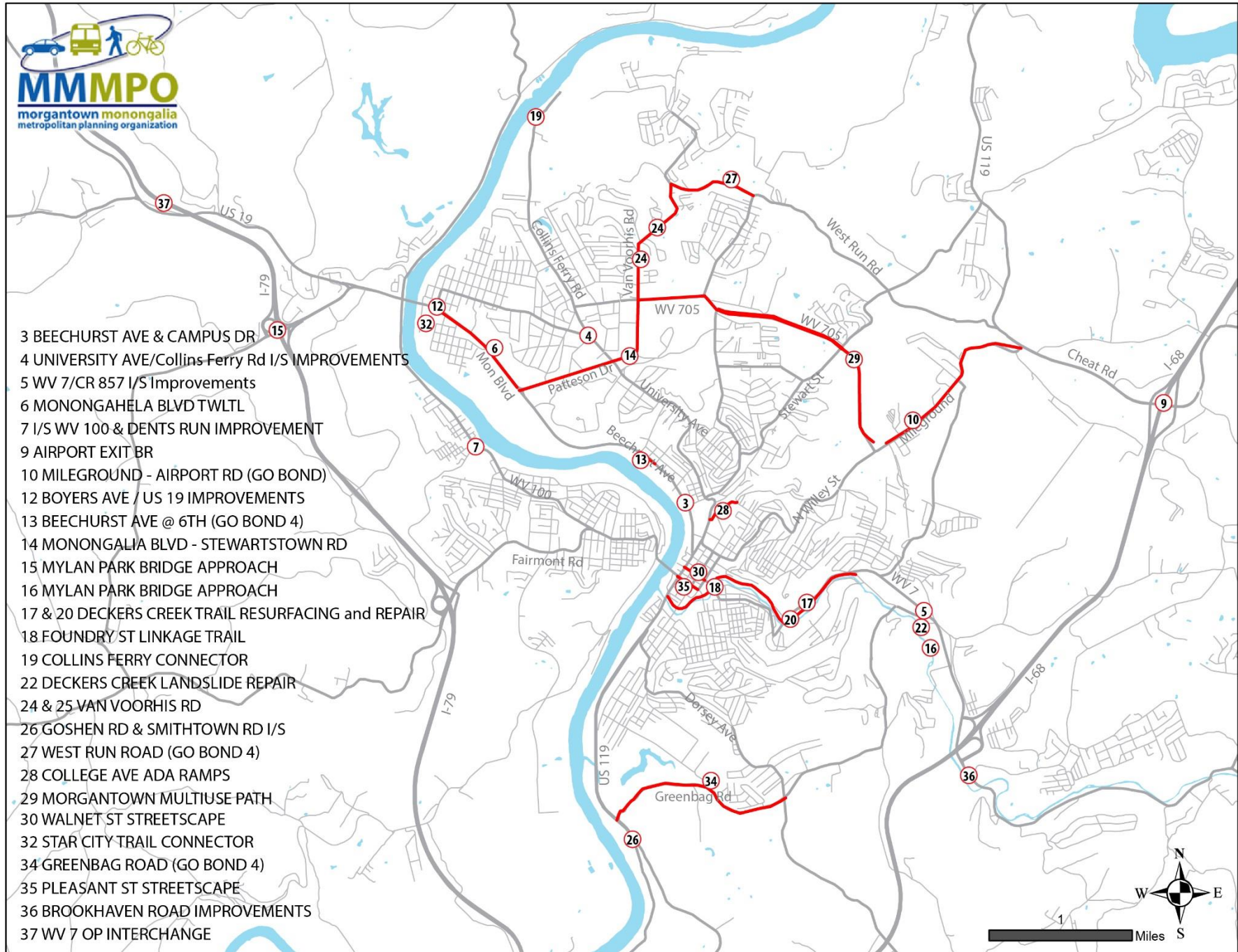
MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM FEDERAL HIGHWAY PROJECTS: Projects List (2018-2023)													
	PROJECT NAME	FFY	FUNDING OBLIGATION DATE	FUND TYPE	PHASE	ROUTE	TYPE OF WORK	STATE PROJECT NUMBER	FEDERAL PROJECT NUMBER	FEDERAL DOLLAR AMOUNT	TOTAL PHASE \$ AMOUNT	MIP GOAL	Performance Measures
1*	EVERETTville BR	2018	2/28/2018	STP	CON	CO045	REPL	S3314524200	ACST0045069D	\$400,000	\$500,000	1, 3	
2*	MORRIS BUILDERS BR +1	2018	2/28/2018	STP	CON	CO019/25	REPL 2 BRIDGES	S331192505500	ACST1925001D	\$900,000	\$1,125,000	1, 3	
3	BEECHURST AVE & CAMPUS DR	2018	2/28/2018	CMAQ	ENG	US019	REALIGNMENT	U33119118500	CMAQ0019408D	\$24,000	\$30,000	1, 3, 4	
			6/28/2018	CMAQ	ROW	US019	REALIGNMENT	U33119118500	CMAQ0019409D	\$48,000	\$60,000		
			10/28/2018	CMAQ	CON	US019	REALIGNMENT	U33119118500	CMAQ0019410D	\$424,000	\$530,000		
4	UNIVERSITY AVE I/S IMPROVEMENTS	2018	4/28/2018	CMAQ	ROW	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055037D	\$1,520,000	\$1,900,000	1, 3, 4	
			10/28/2018	CMAQ	CON	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055038D	\$1,040,000	\$1,300,000		
5	WV 7/CR 857	2018	3/28/2018	HSIP	CON	WV007	I/S IMPROVEMENT	U3317353500	HSIP0007248D	\$1,600,000	\$2,000,000	1, 3, 4	
6	MONONGAHELA BLVD TWLTL	2018	2/8/2018	HSIP	CON	US019	ADD AUXILIARY LN	U33119133500	HSIP0019449D	\$3,593,365	\$3,992,628	1, 2, 3, 6	
7	I/S WV 100 & DENTS RUN IMPROVEMENT	2018	3/28/2018	HSIP	CON	WV100	IMPROVE TURNING RADIUS/INTERSECT ION	U33110010200	HSIP0100152D	\$150,000	\$150,000	1, 3, 4	
8*	COOPERS ROCK PIPE (GARVEE 2)	2018	2/28/2018	OTHER	CON	I068	REPLACE PIPE	S33168145300	NFA2217022D	\$0	\$400,000	1, 3	
9	AIRPORT EXIT BR (GARVEE 2)	2018	2/28/2018	OTHER	CON	CO857	REPLACE BRIDGE	S3318570072600	NFA2217036D	\$0	\$6,300,000	1, 3	
10	MILEGROUND - AIRPORT RD (GO BOND)	2018	6/28/2018	OTHER	CON	US119	WIDEN US 119, CHEAT DR TO DONNA AVE	U331119160003	NFA2317026D	\$0	\$14,000,000	1, 2, 3, 6	
11*	WANA - BLACKSVILLE	2018	3/28/2018	NHPP	CON	WV007	RESURFACE	S331791700	NHPP0007295D	\$280,000	\$350,000	1, 3	
12	BOYERS AVE / US 19 IMPROVEMENTS	2018	2/28/2018	NHPP	ENG	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019437D	\$4,000	\$5,000	1, 2, 3	
			2/28/2018	NHPP	ROW	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019438D	\$800	\$1,000		
			5/28/2018	NHPP	CON	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019439D	\$461,600	\$577,000		
13	BEECHURST AVE @ 6TH (GO BOND 4)	2018	1/23/2018	NHPP	ENG	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019443D	\$400,000	\$500,000	2, 3, 4, 6	
		2019	6/28/2019	NHPP	ROW	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019444D	\$2,400,000	\$3,000,000		
		2021	6/28/2021	OTHER	CON	US019	IMPROVE I/S & WIDEN	U33119132400	NFA2317024D	\$0	\$8,000,000		
14	MONONGALIA BLVD - STEWARTSTOWN RD	2018	3/28/2018	NHPP	CON	WV705	RESURFACE	S33170500200	NHPP0705018D	\$2,086,334	\$2,607,917	1, 3, 4	
15	MYLAN PARK BRIDGE APPROACH	2018	2/28/2018	NHPP	ENG	I079	REALIGN APPROACHES	S3317915400	NHPP0793269D	\$90,000	\$100,000	1, 3	
			2/28/2018	NHPP	CON	I079	REALIGN APPROACHES	S3317915400	NHPP0793270D	\$900,000	\$1,000,000		
16	DECKERS CREEK TRAIL UNDERCUT REPAIR	2018	6/28/2018	NRT	CON	NA	REPAIR EXISTING TRAIL	U331DECKE300	NRT2012686D	\$78,615	\$98,269	1, 2, 3, 6, 8	
17	DECKERS CREEK TRAIL RESURFACING	2018	3/28/2018	NRT	CON	NA999	PAVE TRAIL	U331DECKE200	NRT2012693D	\$64,000	\$80,000	1, 2, 3, 6, 8	
18	FOUNDRY ST LINKAGE TRAIL	2018	5/28/2018	NRT	CON	NA	CONST TRL	U331FOUND100	NRT2014219D	\$24,256	\$30,320	1, 2, 3, 6, 8	
19	COLLINS FERRY CONNECTOR T	2018	7/28/2018	NRT	CON	NA	CONST TRL	U331COLLI100	NRT2014221	\$44,800	\$56,000	1, 2, 3, 6, 8	
20*	DECKERS CRK TRAIL REPAIR	2018	8/28/2018	NRT	CON	NA	REPAIR TRL	U331DECKE400	NRT2014223D	\$199,661	\$249,577	1, 2, 3, 6, 8	
21*	NORTH CENTRAL RAIL TRAIL MAP UPDATE	2018	5/28/2018	NRT	ENG	NA999	UPDATE & PRINT TRAIL BROCHURE	T631NORTH100	NRT2015244D	\$20,800	\$26,000	1, 2, 3, 6, 8	
22	DECKERS CREEK LANDSLIDE R	2018	4/28/2018	NRT	ENG	NA999	DESIGN CONST LANDSLIDE REPAIR	U331DECKE600	NRT2017161D	\$36,000	\$45,000	1, 2, 3, 6, 8	
23*	BOPARC TRAIL EQUIPMENT	2018	4/28/2018	NRT	ENG	NA999	EQUIPMENT PURCHASE, TRAIL MAINT	U331BOPAR200	NRT2017162D	\$14,400	\$18,000	5, 6	
24	VAN VOORHIS RD	2018	2/28/2018	HSIP	CON	CO067/01	WIDEN ROAD	U33167100000	HSIP0671006D	\$2,400,000	\$2,400,000	1, 2, 3, 6	

	PROJECT NAME	FFY	FUNDING OBLIGATION DATE	FUND TYPE	PHASE	ROUTE	TYPE OF WORK	STATE PROJECT NUMBER	FEDERAL PROJECT NUMBER	FEDERAL DOLLAR AMOUNT	TOTAL PHASE \$ AMOUNT	MIT GOAL	Performance Measures
25	VAN VOORHIS RD (GO BOND 4)	2018	1/23/2018	STP	ENG	CO059	IMPROVE I/S & WIDEN	U3315909400	STP0059006D	\$480,000	\$600,000	1, 2, 3, 6	
		2019	6/28/2019	STP	ROW	CO059	IMPROVE I/S & WIDEN	U3315909400	STP0059007D	\$4,000,000	\$5,000,000		
		2021	6/28/2021	OTHER	CON	CO059	IMPROVE I/S & WIDEN	U3315909400	NFA2317023D	\$0	\$11,000,000		
26	GOSHEN RD & SMITHTOWN RD I/S	2018	12/18/2017	STP	CON	CO073	RESURF	U3317338400	STP0073086D	\$785,582	\$1,631,977	1, 2, 3	
27	WEST RUN ROAD (GO BOND 4)	2018	2/8/2018	STP	ENG	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671008D	\$600,000	\$750,000	1, 2, 3, 6	
		2019	28/6/2019	STP	ROW	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671009D	\$4,000,000	\$5,000,000		
		2021	28/6/2021	OTHER	CON	CO067/01	IMPROVE I/S & WIDEN	U33167118600	NFA2317025D	\$0	\$13,000,000		
28	COLLEGE AVE +3	2018	2/28/2018	STP	CON	CO019/22	DESIGN BUILD ADA RAMP	S331192202900	STP1922002D	\$124,000	\$155,000	1, 2, 3, 6	
29	MORGANTOWN MULTIUSE PATH	2018	6/28/2018	TAP	ENG	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016335DTC	\$125,000	\$125,000	1, 2, 3, 6, 8	
		2019	8/28/2019	TAP	CON	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016336D	\$300,000	\$375,000		
30	WALNUT ST STREETScape 2012	2018	3/28/2018	TAP	CON	NA	CONST WALK, CROSSWALKS, CURB CUTS, LIGHTING	U331MORGA1700	TEA2012638D	\$238,000	\$297,500	3, 6, 7	
31*	MORGANTOWN BICYCLE SIGNAGE	2018	5/28/2018	TAP	CON	NA999	PURCHASE BICYCLE SIGNAGE	U331MORGA1800	TEA2014195D	\$96,000	\$120,000	1, 2, 3, 6	
32	STAR CITY TRAIL CONNECTOR	2019	12/28/2018	NRT	CON	NA999	CONSTRUCT TRAIL	U331STARC800	NRT2015041D	\$73,600	\$92,000	1, 2, 3, 6	
33*	MON RIVER RAIL TRL MNT EQ	2019	8/28/2019	NRT	ENG	NA	EQUIP PURCHASE	U331MONRV100	NRT2015294D	\$48,000	\$60,000	1, 2, 3, 6	
34	GREENBAG ROAD (GO BOND 4)	2019	6/28/2019	STP	ROW	CO857	IMPROVE I/S & WIDEN	U33185706700	STP0857020D	\$2,400,000	\$3,000,000	1, 2, 3, 6, 8	
		2021	6/28/2021	OTHER	CON	CO857	IMPROVE I/S & WIDEN	U33185706700	NFA2317022D	\$0	\$16,000,000		
35	PLEASANT ST STREETScape	2019	3/28/2019	TAP	ENG	NA	CONST SW	U331MORGA1900	TAP2016309DTC	\$160,000	\$160,000	3, 6, 7	
36	BROOKHAVEN ROAD IMPROVEMENTS	2020	4/28/2020	CMAQ	ROW	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007263D	\$12,000	\$15,000	1, 3, 4	
		2020	4/28/2020	CMAQ	CON	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007264D	\$380,000	\$475,000		
37	WV 7 OP INTERCHANGE (AUTH AC PROJECT) (SPLIT FUNDED)	2021	7/28/2021	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$16,000,000	\$20,000,000	1, 2, 3, 4, 6, 7, 8	
		2021	7/28/2021	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$4,000,000	\$5,000,000		
		2022	7/28/2022	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$4,000,000	\$5,000,000		
		2022	7/28/2022	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$16,000,000	\$20,000,000		
		2023	7/28/2023	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$4,000,000	\$5,000,000		
		2023	7/28/2023	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0796271	\$16,000,000	\$20,000,000		

* Not Mapped



- 3 BEECHURST AVE & CAMPUS DR
- 4 UNIVERSITY AVE/Collins Ferry Rd I/S IMPROVEMENTS
- 5 WV 7/CR 857 I/S Improvements
- 6 MONONGAHELA BLVD TWLTL
- 7 I/S WV 100 & DENTS RUN IMPROVEMENT
- 9 AIRPORT EXIT BR
- 10 MILEGROUND - AIRPORT RD (GO BOND)
- 12 BOYERS AVE / US 19 IMPROVEMENTS
- 13 BEECHURST AVE @ 6TH (GO BOND 4)
- 14 MONONGALIA BLVD - STEWARTSTOWN RD
- 15 MYLAN PARK BRIDGE APPROACH
- 16 MYLAN PARK BRIDGE APPROACH
- 17 & 20 DECKERS CREEK TRAIL RESURFACING and REPAIR
- 18 FOUNDRY ST LINKAGE TRAIL
- 19 COLLINS FERRY CONNECTOR
- 22 DECKERS CREEK LANDSLIDE REPAIR
- 24 & 25 VAN VOORHIS RD
- 26 GOSHEN RD & SMITHTOWN RD I/S
- 27 WEST RUN ROAD (GO BOND 4)
- 28 COLLEGE AVE ADA RAMPs
- 29 MORGANTOWN MULTIUSE PATH
- 30 WALNET ST STREETSCAPE
- 32 STAR CITY TRAIL CONNECTOR
- 34 GREENBAG ROAD (GO BOND 4)
- 35 PLEASANT ST STREETSCAPE
- 36 BROOKHAVEN ROAD IMPROVEMENTS
- 37 WV 7 OP INTERCHANGE



V 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.**
- 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.

VI Programmed Public Transportation Needs and Funding Streams

West Virginia University Personal Rapid Transit (PRT)						Vehicle Replacement
Fiscal Year	PROJECT DESCRIPTION	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	FTA Section 5337	\$927,797	\$232,000	\$1,159,797	\$3,063,965
2020-2021	MPRT Modernization (LONP) 5337	FTA Section 5337	\$780,000	\$195,000	\$975,000	\$8,547,401
2022-2023	MPRT Modernization (LONP) 5337	FTA Section 5337	\$780,000	\$195,000	\$975,000	\$13,577,943
2023-2024*	MPRT Modernization (LONP) 5337	FTA Section 5337	\$780,000	\$195,000	\$975,000	\$3,661,282
2024-2025*	MPRT Modernization (LONP) 5337	FTA Section 5337	\$780,000	\$195,000	\$975,000	
*Informational						

Mountain Line Transit	Note #	2017-2018			2018-2019		2019-2020		2020-2021		2021-2022		2022-2023		Total
		Source	Federal	Local	Federal	Local	Federal	Local	Federal	Local	Federal	Local	Federal	Local	
Operating Assistance & Stic	1	\$5307	\$1,272,800	1,272,800	1,272,800	1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$1,272,800	\$15,273,600
Preventative Maintenance & Stic	1	\$5307	\$330,000	82,500	330,000	82,500	\$330,000	\$82,500	\$330,000	\$82,500	\$330,000	\$82,500	\$330,000	\$82,500	\$2,475,000
Security	1	\$5307	\$16,200	4,100	16,200	4,100	\$16,200	\$4,100	\$16,200	\$4,100	\$16,200	\$4,100	\$16,200	\$4,100	\$121,500
Monongalia County	2	Levy	-	2,000,000	-	\$2,100,000	-	\$2,200,000	-	\$2,300,000	-	\$2,350,000	-	\$2,400,000	\$13,350,000
Capital Improvement Door Locks	3	\$5307	\$13,100	3,300											\$16,400
Bus Shelters and bicycle route project	3	\$5307			\$59,900	\$15,000									\$74,900
Federal 5311(f)	4	\$5311(f)	\$266,200	266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$3,194,400
Bus & Bus Facilities	5	\$5339	\$140,900	35,200	\$464,200	\$116,100	\$128,100	\$32,000	\$150,000	\$37,500	\$150,000	\$37,500	\$150,000	\$37,500	\$1,479,000
Bus Purchases	5	\$5307			\$433,500	\$108,400									\$541,900
Mobility Management	6	\$5307	\$40,900	10,200	\$22,200	\$5,600									\$78,900
CMAQ	7	\$5307	\$8,000	-	\$8,000	-	\$6,700	-							\$22,700

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. The security portion is a Federal requirement on these funds to help keep the population more secure.
2. Local levy funds provide for operations, service expansion, capital improvements, bus purchases and matching of Federal Funds
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 which is needed in this service expansion.
6. Mobility coordination Federal funds allocated by the State are from a program designed to coordinate riders who need assistance with existing bus routes.
7. These funds are used to mitigate traffic congestion and improve air quality by forming vanpools.

Total Urban Area Federal Funding

Federal Highway Funds*	Federal Funding Source	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	Total
Surface Transportation								
Performance Program	(STPP)	\$3,289,582	\$10,400,000	\$0	\$16,000,000	\$16,000,000	\$16,000,000	\$61,689,582
Highway Safety Improvement								
Program	(HSIP)	\$5,343,365	\$0	\$0	\$0	\$0	\$0	\$5,343,365
Transportation Alternatives								
Program (Includes Nat. Rail Tr. and former Trans. Enhancement Funds)	(TAP)	\$2,894,400	\$421,600	\$0	\$0	\$0	\$0	\$3,316,000
National Highway Performance								
Program	(NHPP)	\$1,146,400	\$2,400,000	\$0	\$4,000,000	\$4,000,000	\$4,000,000	\$15,546,400
Bridge Repair		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Congestion Mitigation and Air Quality Program (CMAQ)		\$1,616,000	\$1,040,000	\$392,000	\$0	\$0		\$0
Total Highway Funding		\$14,289,747	\$14,261,600	\$392,000	\$20,000,000	\$20,000,000	\$20,000,000	\$85,895,347
Federal Transit Funds	Federal Funding Source	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	Total
FTA 5307		\$1,681,000	\$2,142,600	\$1,619,000	\$1,606,900	\$1,619,000	\$1,359,400	\$10,027,900
FTA 5311(f)		\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$266,200	\$1,597,200
FTA 5337		\$1,439,391	\$2,681,349	\$927,797	\$780,000	\$780,000	\$780,000	\$7,388,537
FTA 5339		\$140,900	\$464,200	\$150,000	\$150,000	\$150,000	\$150,000	\$1,205,100
Total Transit Funding		\$3,527,491	\$5,554,349	\$2,962,997	\$2,803,100	\$2,815,200	\$2,555,600	\$20,218,737
Total Federal Funding by Year		\$17,817,238	\$19,815,949	\$3,354,997	\$22,803,100	\$22,815,200	\$22,555,600	\$108,450,947
* This table summarizes Federal Funding ONLY State and Local funds are identified in individual tables								

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

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.

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:

- ☐ All programmed projects, except one, are located within or partially within environmental justice block groups as defined in this chapter.
- ☐ EJ communities are expected to have more direct benefit from recommended transportation improvements, as majority of the projects are operational improvements on existing roadway and aimed to improve community coherency and livability.

□ Majority of projects are located in areas, which share 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

PROJECT NAME	ROUTE	TOTAL PHASE \$ AMOUNT	Relation with EJ Block Groups
EVERETTville BR	CO045	\$500,000	Not mapped
MORRIS BUILDERS BR +1	CO019/25	\$1,125,000	Not mapped
BEECHURST AVE & CAMPUS DR	US019	\$30,000	Within
	US019	\$60,000	
	US019	\$530,000	
UNIVERSITY AVE I/S IMPROVEMENTS	CO055	\$1,900,000	Within
	CO055	\$1,300,000	
WV 7/CR 857	WV007	\$2,000,000	Within
MONONGAHELA BLVD TWLTL	US019	\$3,992,628	Within
I/S WV 100 & DENTS RUN IMPROVEMENT	WV100	\$150,000	Within
COOPERS ROCK PIPE (GARVEE 2)	I068	\$400,000	Not mapped
AIRPORT EXIT BR (GARVEE 2)	CO857	\$6,300,000	Partly within
MILEGROUND - AIRPORT RD (GO BOND)	US119	\$14,000,000	Within
WANA - BLACKSVILLE	WV007	\$350,000	Not mapped
BOYERS AVE / US 19 IMPROVEMENTS	US019	\$5,000	Within
	US019	\$1,000	
	US019	\$577,000	
BEECHURST AVE @ 6TH (GO BOND 4)	US019	\$500,000	Within
	US019	\$3,000,000	
	US019	\$8,000,000	
MONONGALIA BLVD - STEWARTSTOWN RD	WV705	\$2,607,917	Within
MYLAN PARK BRIDGE APPROACH	I079	\$100,000	Partly within
	I079	\$1,000,000	
DECKERS CREEK TRAIL UNDERCUT REPAIR	NA	\$98,269	Within
DECKERS CREEK TRAIL RESURFACING	NA999	\$80,000	Within

PROJECT NAME	ROUTE	TOTAL PHASE \$ AMOUNT	Relation with EJ Block Groups
FOUNDRY ST LINKAGE TRAIL	NA	\$30,320	Within
COLLINS FERRY CONNECTOR T	NA	\$56,000	Within
DECKERS CRK TRAIL REPAIR	NA	\$249,577	Not mapped
NORTH CENTRAL RAIL TRAIL MAP UPDATE	NA999	\$26,000	Not mapped
DECKERS CREEK LANDSLIDE R	NA999	\$45,000	
BOPARC TRAIL EQUIPMENT	NA999	\$18,000	Not mapped
VAN VOORHIS RD	CO067/01	\$2,400,000	Within
VAN VOORHIS RD (GO BOND 4)	CO059	\$600,000	Within
	CO059	\$5,000,000	
	CO059	\$11,000,000	
GOSHEN RD & SMITHTOWN RD I/S	CO073	\$1,631,977	Within
WEST RUN ROAD (GO BOND 4)	CO067/01	\$750,000	Partly Within
	CO067/01	\$5,000,000	
	CO067/01	\$13,000,000	
COLLEGE AVE +3	CO019/22	\$155,000	Within
MORGANTOWN MULTIUSE PATH	NA999	\$125,000	Within
	NA999	\$375,000	
WALNUT ST STREETScape 2012	NA	\$297,500	Within
MORGANTOWN BICYCLE SIGNAGE	NA999	\$120,000	Not mapped
STAR CITY TRAIL CONNECTOR	NA999	\$92,000	Within
MON RIVER RAIL TRL MNT EQ	NA	\$60,000	Not mapped
GREENBAG ROAD (GO BOND 4)	CO857	\$3,000,000	Within
	CO857	\$16,000,000	
PLEASANT ST STREETScape	NA	\$160,000	Within
BROOKHAVEN ROAD IMPROVEMENTS	WV007	\$15,000	Not Within
	WV007	\$475,000	
WV 7 OP INTERCHANGE (AUTH AC PROJECT) (SPLIT FUNDED)	I-79	\$20,000,000	Partly Within
	I-79	\$5,000,000	
	I-79	\$5,000,000	
	I-79	\$20,000,000	
	I-79	\$5,000,000	
	I-79	\$20,000,000	

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VIII Previously Funded Ongoing Projects (2016-17)

MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM FEDERAL HIGHWAY PROJECTS: Previously Funded Projects (2016-17)
Funds Obligated but projects not complete

PROJECT NAME	FFY	FUNDING OBLIGATION DATE	FUND TYPE	PHASE	ROUTE	TYPE OF WORK	STATE PROJECT NUMBER	FEDERAL PROJECT NUMBER	FEDERAL DOLLAR AMOUNT	TOTAL PHASE \$ AMOUNT
KLONDIKE HILL (ACC)	2016	11/16/2015	STP	CON	CO015	RESURFACE	S3311500000	ACST0015103D	\$157,200	\$196,500
STAR CITY-MORGANTOWN	2017	8/1/2017	STP	CON	CO055	RESURFACE	S3315504000	ACST0055040D	\$55,914	\$69,893
COLLINS FERRY	2017	8/1/2017	STP	CON	CO057	RESURFACE	S3315700100	ACST0057017D	\$52,846	\$66,058
MORGANTOWN MARYLAND LIGHTING	2017	9/26/2017	HSIP	CON	I068	INSTALL LIGHTING ; DMS MD ST LN	U3316813600	HSIP0068175D	\$3,738,385	\$3,738,385
PATTESON DRIVE LIGHTING	2016	3/11/2016	HSIP	ROW	WV705	INSTALL ROADWAY	U33170500000	HSIP0705016D	\$45,000	\$50,000
MORGANTOWN I-68 WB HFST	2017	8/23/2017	HSIP	CON	I068	HFST	U3316804700	HSIP2017095D	\$216,526	\$240,584
ARNETTSVILLE ARCH BR	2017	9/28/2017	OTHER	CON	US019	REPLACE BR	S3311906700	NFA2117028D	\$0	\$1,867,000
BLUE HORIZON DR - PA ST LN (GARVEE)	2017	9/28/2017	OTHER	CON	I079	FULL DEPTH PCC/WARRANTY	S331791155000	NFA2117035	\$0	\$16,600,000
BLACKVILLE - PENTRESS RD	2017	8/7/2017	NHPP	CON	WV007	RESURFACE	S3317118800	NHPP0007293D	\$484,264	\$605,330
WHITEDAY CK BR NB O/L + 1	2017	3/8/2017	NHPP	ENG	I079	LMC OVERLAY	S331791423700	NHPP0793261D	\$9,000	\$10,000
CRPL THOMAS BENNETT MEM BR	2017	9/7/2017	NHPP	ENG	I079	6 YR BR INSPECT	T631791494100	NHPP0793268D	\$517,500	\$575,000
WESTOVER PARK LOOP 2012	2017	9/4/2017	NRT	CON	NA	CONST TRAIL	U331WESTO100	NRT2012702D	\$28,800	\$36,000
COLLINS FERRY CONNECTOR T	2017	9/21/2017	NRT	ENG	NA999	CONST TRL	U331COLLI100	NRT2014220DTC	\$19,000	\$23,750
DECKERS CRK TRAIL REPAIR	2017	7/14/2017	NRT	ENG	NA999	REPAIR TRL	U331DECKE400	NRT2014222D	\$65,000	\$81,250
MON RIVER WATER TRAIL MAP	2017	9/5/2017	NRT	ENG	NA999	DEVELOPMENT & PRINTING TRAIL MAP	T631MONRV100	NRT2015250D	\$6,000	\$7,500
VAN VOORHIS RD +1	2017	8/7/2017	STP	CON	CO059	RESURFACE	S3315904200	STP0059009D	\$197,339	\$246,674
MAIDSVILLE RD	2017	8/7/2017	STP	CON	WV100	RESURFACE	S33110039300	STP0100156D	\$331,360	\$414,200
MILEGROUND - AIRPORT RD	2016	12/10/2015	STP	ROW	US119	WIDEN US 119, CHEAT DR TO DONNA AVE	U331119160003	STP0119384D	\$15,200,000	\$19,000,000
GREENBAG ROAD (GO BOND 4)	2017	7/25/2017	STP	ENG	CO857	IMPROVE I/S &	U33185706700	STP0857019D	\$800,000	\$1,000,000
MORGANTOWN DECKERS CREEK PEDESTRIAN BRIDGE 2013	2017	8/24/2017	OTHER	CON	NA	CONST PED BR, TRAIL	U331MOPED100	TEA2014142D	\$192,671	\$240,839

IX Certification

IX 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
- III. 49 USC 5332 prohibiting discrimination on the basis of race, color, creed, national origin, or age in employment or business opportunity
- IV. Section 1101(b) of the SAFETEA-LU (Pub. L.109-59) and 49 CFR part 26 regarding the employment of disadvantaged businesses
- V. 23 CFR part 230, regarding the implementation of an equal opportunity program on Federal-aid highway construction projects
- VI. The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq) and 49 CFR parts 27, 37 and 38
- VII. The Older Americans Act as amended ((42 USC 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal Financial Assistance
- VIII. Section 324 of title 23 USX regarding the prohibition of discrimination based on gender
- IX. 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_____

X List of Projects completed the Last Five Years

MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM FEDERAL HIGHWAY PROJECTS COMPLETED OVER THE LAST 5 YEARS								
ROUTE	PROJECT NAME	TYPE OF PROJECT	FY COMPLETED	LENGTH IN MILES	PHASE(S)	FEDERAL PROGRAM	FED PROJ NUMBER	TOTAL PROJECT COST
WV 7	SABRATON PARK AND RIDE	EXP PK & RIDE ADD LIGHT	2012-2013		CON	CMAQ	CMAQ-0792(174)D	647000
WV 7	BLACKSVILLE ROAD	RESURFACING	2012-2013	2.6	CON	NH	NH-0007(241)D	1099000
US 19	I/S DENTS RUN/COMMERCE DR/US19	RENEW SIGNAL	2012-2013		CP,CON	HSIP	HSIP0019(316)D	314000
CO 53	FORT MARTIN ROAD	CIP RECYCLE/DRAINAGE	2012-2013	1.67	CON	STP	STP-0053(010)D	1175000
CO 64/3	CARNEGIE AVE BRIDGE	OVERLAY	2014-2015		CON	STP	STP-0643(002)D	159000
I-68	SIGNING	RENEW SIGNS	2014-2015		CP,CON	NHG	NHG-0068(133)D	1773000
I-68/I-79	UFFINGTON BRIDGE	REPLACE JOINTS	2013-2014	0.56	CON	NHS	NHHS-0793(237)D	574000
Various Locations	BOPARC EQUIPMENT	ACQUISITION	2013-2014			NRT	NRT-2009(069)D	41000
MON RIVER TRAILS	VAN VOORHIS TRAILHEAD	EQUIPMENT PURCHASE	2014-2015		CON	NRT	NRT-2011(040)D	151000
STAR CITY	CO 55-STAFFORD ST	SW/LIGHTING/LANDSC	2012-2013		CON	TE	TEA-OH22(001)D	178000
US 119	HIGH ST INT IMPROVE KIRK&FOUNDRY	CON	2014-2015		CON	TEA	TEA-OL22(001)D	438000
US 119	FROM 119/19 TO CR77	RESURFACING	2014-2015	2.42	CON	STP	STP 0019(380)D	935000
US 119	MORGANTOWN ROAD	.51MN I-68 TO .32 MN BR	2014-2015	2	CON	NHS	NHS-0119(390)D	1332000
US 119	STEWARTSTOWN RD-705-705/119	RECON IS WV705/119	2013-2014		CON/RW	STP	STP-0119(370)D	11666000
CO 19/13	GLADESVILLE RD 119/13-CR 85	COLD IN PLACE RECYCLE	2014-2015	1.18	CON	STP	STP1913(001)D	537000
I-68	MP0-MD STATELINE	PAVEMENT MARKING	2013-2014	32.06	CON	HSIP	HSIP-0068(152)DTC	2408000
MON RIVER TRAILS	PURCHASE DUMP TRUCK		2013-2014			NRT	NRT-2012(694)D	79000
CO 857	REPLACE DECKERS CR BRIDGE	BRIDGE REPLACEMENT	2013-2014		CP/CON	BR	ACBR-0857(014)D	550000
WV 7	RESURFACE CR7/4 TI ME CR 11	RESURFACING	2016-2017	2.09	CON	ACNH	ACNH007(277)D	250000
A	CR5 TO MP 10.32	INSTALL GUARDRAIL	2016-2017	3.5	CON	HSIP	HSIP-007(277)D	379000
WV 7	CR41 TO JUNCTURE CR 43	RESURFACING	2017-2018	2.11	CON	NHP	NHPP-0007(292)D	371000
WV 7	JUNCTURE CR43 TO US 19	RESURFACING	2016-2017	1.89	CON	NHP	NHPP-0007(283)D	315000
WV 7	CASSVILLE ARCH BRIDGE	REPLACE BRIDGE	2015-2016		CON	NHP	NHPP-0007(196)D	1105000
US 19	BEECHURST CR19/22-.82MN CR19/22	RESURFACING	2015-2016	0.7	CON	NHP	ACHP-0019(426)D	619000
US 19	US 19 AT CR19/24	INTERSECTION IMPROVE	2015-2016	0.08	CON	CMAQ	CMAQ-0019(404)D	1212000
US 19	JUNCTION CR19/12 TO WV7	RESURFACING	2015-2016	1.42	CON	NHP	NHPP-0019(416)D	410000
US 19	US 19 AT WV 7	DESIGN STUDY	2016-2017	0	STUDY	CMAQ	CMAQ-0019(407)D	50000
CO19/19 DUPONT RD	.17 MN CO 45	SLIDE REPAIR	2013-2014	0	CON	STP	STP1919(003)D	2528000
CO 41 INDIAN CR	CR37/5 TO WV7	RESURFACING	2012-2013	9.27	CON	STP	ACST-0041(079)D	118000
CO45 RIVER RD	CR40 TO .01ME CR 45/8	RESURFACING	2015-2016	1.51	CON	STP	ACST-0045(070)D	224000
CO45 RIVER RD	MP11.46 TO CR45	SLIDE REPAIR	2016-2017	0.1	CON	STP	STP-0045(0074)D	1046000
CO 55 UNIV AVE	I/S UNIV AVE AND COLLINS FERRY	DESIGN STUDY	2017-2018	0	STUDY	CMAQ	CMAQ-0055(038)D	50000
CO59 VAN VOORHIS	WV705 TO CO 67/1	RESURFACING/GUTTER	2017-2018	0.94	ROW	STP	STP-0059(005)D	1100000
					CON	STP		1174000
CO 67 S. PIERPONT RD	CR 68/7 TO CR 857	RESURFACING	2014-2015	1.55	CON	ACST	ACST-0067(007)D	306000
CO 67 PIERPONT RD	WV 705 TO DEAD END	RESURFACING	2013-2014	0.93	CON	ACST	ACST-0067(006)D	136000
CR 67/1 WEST RUN	JCT 67/1 TO JCT US119	THIN OVERLAY	2016-2017	1.23	CON	ACST	ACST-0671(007)D	129000
I-68	I-79 TO SABRATON	RESURFACING	2017-2018	4.18	CON	NHP	NHPP-0068(165)D	3272000
I-68/I-79	INTERCHANGE	LIGHTING	2014-2015	0.4	CON PLN	HSIP	HSIP-0068(154)D	53000
			2015-2016	0.04	CON	HSIP		1445000
I-68	JCT WV7 AND CO857	RESURFACING	2012-2013	3.02	CON	HSIP	HSIP-0068(150)D	1801000
I-68	PIERPONT RD INT MOD	SIGNAL/LANE MOD	2015-2016		CON PLN	NHP	NHPP0068(171)D	10000
					CON	NHP		505000
CO73 SMITHTOWN RD	MP 4.3 TO MP 5.96	THIN OVERLAY	2015-2016	1.66	CON	ACST	ACST-0073(082)D	166000
CO73 SMITHTOWN RD	CR 73/5 TO .03 N CR 73/7	RESURFACING	2016-2017	1.69	CON	STP	STP-0073(073)D	265000
CO73 UFFINGTON	.05 MN 73/7 TO .08 MS US 119	RESURFACING	2017-2018	1.53	CON	STP	STP-0073(087)D	492000
I-79	WHITE DAY CR TO GOSHEN RD	RESURFACING	2015-2016	3.19	CON	NHPP	NHPP0793(247)D	2663000
I-79	GOSHEN RD TO UFFINGTON	RESURFACING	2015-2016	3.73	CON	NHPP	NHPP0793(251)D	2931000
I-79	CORP T BENNET BRIDGE	INSPECTION	2014-2015	0	INS	BR-NBIS	BR-NBIS(389)D	528000
I-79	NEW INTERCHANGE W/CO46/7	CON PLN	2015-2016	1.1	CON PLN	NHPP	NHPP-0793(240)	1722000
		CON			CON	NHPP		28079000
					CON	NHPP		
CO81 DORSEY AVE	CR 857 TO .14 MS MORG CTY LIMIT	RESURFACING	2014-2015	0.71	ASCT	CON	ACST-0081(027)D	86000
CO88/1	MONFAYETTE PK AND RIDE	CONSTRUCT PK AND RIDE	2015-2016	1.05	CMAQ	CON	CMAQ0881(003)D	717000
WV 705/WV 719	VARIOUS LOCATIONS	INSTALL ACS LITE SIGNALS	2017-2018		CMAQ	CON	CMAQ-0705(014)D	2476000
COOPERS ROCK	STATE FOREST	CONSTRUCT TRAIL HEAD	2015-2016	0	NRT	CON	NRT-2011(693)	14000
WV 100	GRANVILLE MAIN ST	SIDEWALK	2014-2015	0	TEA	CON	TEA-OL22(001)D	324000
DUNKARD AVE	RICHMOND TO WESTERN	SIDEWALK	2016-2017	0	TEA	CON	TEA-OL22(001)D	322000
WESTOVER DUNKARD	DUNKARD/SCHELY/COLUMBUS STS	SIDEWALK	2017-2018	0	TEA	CON	TEA-2012(637)D	600000
HARTMAN RUN RD	CO857/HARTMAN RUN	BRIDGE REPLACEMENT	2014-2015	0	BR	CON	BR-2000(024)D	3598000
WV 100	1.98 MN US19 TO 1.99MN US19	SLIDE REPAIR	2017-2018	0.1	STP	CON	STP0100(154)D	263000
WV100 BOWLBY RD	CR19/7 TO US 19	RESURFACING	2016-2017	1.89	STP	CON	STP0100(155)D	315000
US119	CO LINE TO MP 1.15	RESURFACING	2015-2016	1.15	ACST	CON	ACST-0119(424)D	126000
US119 HIGH ST	KIRK ST TO FOUNDRY	SW, LIGHTING	2014-2015	0.26	TEA	CON	TEA-OL22(001)D	438000
US 119	CR83 TO CR 119/9	RESURFACING	2014-2015	2.64	ACST	CON	ACST0119(409)D	603000
US 119	CR119/9 TO CR 77	RESURFACING	2013-2014	2.42	STP	CON	STP0119(380)D	874000
US 119	CR 77 TO .18 MS CR 76	RESURFACING	2015-2016	2.01	STP	CON	STP0119(407)D	313000
US 119	.51 MN I-68 O/P .32 MN BRIDGE	RESURFACING	2014-2015	2	NHHS	CON	NHHS0119(390)D	1208000
US 119	STEWARTSTOWN TO WV 705	WIDEN CONST RDABOUT	2012-2013	0.94	STP	CON	STP0119(370)D	5614000
US 119	CR 67 TO CR 80	RESURFACING	2016-2017	1.4	STP	CON	STP119(431)D	254000
US119	CR 60 TO PA LINE	RESURFACING	2016-2017	2.61	STP	CON	STP0119(430)D	527000
US 119/3 GLADESVILLE	CR85 TO PRESTON LINE	COLD IN PLACE RECYCLE	2014-2015	1.18	STP	CON	STP1913(001)d	512000
CO 857	CO 857/CR67 INT	CONST TURN LANE	2015-2016	0.15	STP	CON	STP857(018)D	410000
CO 857	CR 67 TO ICES FERRY BRIDGE	MICROSEAL	2017-2018	2.19	STP	CON	STP857(022)D	294000

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Transportation Improvement Program

FY 2019-FY 2023

Morgantown Monongalia Metropolitan Planning Organization

243 High Street Room 110

Morgantown WV

www.plantgether.org

MEMORANDUM OF UNDERSTANDING
FOR THE
PERFORMANCE PLANNING PROCESS
BY AND BETWEEN

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, AND THE MORGANTOWN
MONONGALIA METROPOLITAN PLANNING ORGANIZATION

This Memorandum of Understanding (MOU) is made this _____ by and between the Monongalia Morgantown Metropolitan Planning Organization (MMMPO) and the West Virginia Department of Transportation (WVDOT) to document the institution of Performance based planning as required by the Moving Ahead for Progress in the 21st Century Act and the Fixing America's Surface Transportation (FAST) Act OF 2015.

WITNESS THAT

WHEREAS, pursuant to federal statutes, and as a requirement for obtaining federal transportation funds, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have established regulations requiring each metropolitan area, the States and public transportation to utilize a continuing, cooperative, and comprehensive performance based multimodal transportation planning process to engage the citizenry and support metropolitan community development; and

WHEREAS, federal statute and regulations require that the state and the MMMPO have fully coordinated transportation planning processes with a minimum twenty-year planning horizon; and

WHEREAS, the MMMPO is responsible for regional transportation planning on behalf of its member governments within a geographic area boundary that includes Monongalia County; and

WHEREAS, the pertinent federal regulations require an agreement between each MPO, the transit provider(s), and the State DOT that specifies the responsibilities for cooperatively carrying out transportation planning and programming, including activities related to transportation system performance;

WHEREAS, the federal regulations require that the MMMPO, State DOT, and the public transit provider shall jointly agree upon and develop specific written procedures for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO, and the collection of data for the State asset management plan for the National Highway System (NHS).

WHEREAS, it is the desire and intent of the parties to fulfill the pertinent federal requirements pursuant to this MOU, nothing in this MOU shall be construed as limiting or affecting the legal authorities of the parties or shall be construed as requiring the parties to perform beyond their respective authorities; and

NOW, THEREFORE, BE IT RESOLVED THAT the parties hereto do mutually agree as follows:

A. PARTIES

The parties to this agreement are the MMMPO, governed by the Policy Board, and the West Virginia Division of Highways, governed by the WVDOT.

The MMMPO has been designated the MPO policy body for the greater MORGANTOWN area consisting of Monongalia County. The MPO is composed of representatives from cities, counties, citizens, public agencies, and public transportation agencies serving the area.

B. APPLICABILITY

This MOU applies to the continuing, cooperative and comprehensive performance based multimodal metropolitan transportation planning and programming process required for the MPO by 23 USC Section 134 and 135 and 49 USC 5303, et seq. and 43-1 Part 11, C.R.S., as implemented by the applicable regulations in order for the region to qualify for federal transportation funds and meet state regional transportation planning requirements.

C. PURPOSE

This MOU is established to define the specific roles and responsibilities of the MMMPO, and the WVDOT for the Performance Measures process within the boundaries of the metropolitan planning area.

D. PARTICIPANT RESPONSIBILITIES

The MMMPO, and the WVDOT hereby agree to carry out and actively participate in the continuing, cooperative and comprehensive performance based multimodal metropolitan transportation planning and programming process in accordance with applicable federal and state law and regulations.

E. PERFORMANCE REGULATIONS

The performance based planning process established in Moving Ahead for Progress in the 21st Century Act (MAP-21) and continued in Fixing America's Surface Transportation Act (FAST Act) (23 U.S.C 119) requires that the MPO, affected transit agencies and the WVDOT develop transportation plans and transportation improvement programs through a performance-driven, outcome-based approach to planning. 23 USC 150(c) establishes requirements for performance measures and targets for safety, infrastructure condition, system performance, freight, and air quality.

1. Developing and Coordinating Transportation Performance Data

- a. The MMMPO will establish an agreement specifying that the MMMPO will be the lead agency for Performance Measures with the transit agencies within its region. Each agency's responsibilities will be spelled out in the MPO's Prospectus as provided for in the June 2003 agreement establishing the MPO.
- b. The WVDOT, and MMMPO, shall jointly coordinate to develop specific targets related to transportation performance data, and the respective agencies mutually agree to share all pertinent available data related to the development of required performance measures and plans. Examples of such data include but are not limited to traffic counts, travel times/speeds, socioeconomic data, transit ridership data and infrastructure condition measures.
- c. WVDOT will provide the MPO's with the statewide performance data (including the sharing and collection of data for the State asset management plan for the NHS) used in developing statewide targets, and will also provide MPOs with subsets of the statewide data, based on their metropolitan planning area boundaries.
- d. If an MPO chooses to develop their own target for any measure, they will provide the WVDOT with any supplemental data they utilize in association with the target-setting process.

2. Selection of Transportation Performance Targets

- a. WVDOT will develop draft statewide performance targets in coordination with the applicable MPOs. Coordination may include in-person meetings, web meetings, conference calls, and/or email communication. MPOs shall be given an opportunity to provide comments on statewide targets before final statewide targets are adopted.
- b. If an MPO chooses to adopt their own target for any measure, they will develop draft MPO performance targets in coordination with the WVDOT. Coordination may include in-person meetings, web meetings, conference calls, and/or email communication. The WVDOT shall be provided an opportunity to provide comments on draft MPO performance targets prior to final approval by their Policy Board/Committee.

3. Reporting of Performance Targets

- a. WVDOT performance targets will be reported to FHWA and FTA, as applicable. MPOs will be notified via letter when WVDOT has reported the final statewide targets.
 - b. The MMMPO in accord with the agreement documented in its Prospectus will work with the area's transit agencies to establish transit asset management performance targets to be shared with interested parties.
 - c. MPO performance targets will be reported to the WVDOT.
 - i. For each target, the MPO will provide the following information no later than 180 days after the date the WVDOT or relevant provider of public transportation establishes performance targets, or the date specified by federal code.
 - ii. A determination of whether the MPO is 1) agreeing to plan and program projects so that they contribute toward the accomplishment of the WVDOT or relevant provider of public transportation performance target, or 2) setting a quantifiable target for that performance measure for the MPO's planning area.
 - iii. If a quantifiable target is set for the MPO planning area, the MPO will provide any supplemental data used in determining any such target.
 - iv. Documentation of the MPO's target or support of the statewide or relevant public transportation provider target will be provided in the form of a resolution.
 - d. The MPO and the WVDOT transportation plans amended or adopted after May 27, 2018 shall include performance targets that address performance measures and standards. Reporting of targets and performance by the WVDOT and MPOs shall conform to 23 CFR 490, 49 CFR 625, and 49 CFR 673. Plans requiring performance targets include but are not limited to:
 - Long-Range Metropolitan transportation plans;
 - Metropolitan Transportation Improvement Program (TIP);
 - Statewide Transportation Improvement Program (STIP); and
 - State asset management plans under the National Highway Performance Program (NHPP).
 - System Performance Reports
4. Reporting of Performance to be Used in Tracking Toward Attainment of Critical Outcomes for the Region
 - a. The WVDOT will provide MPOs with the statewide performance data used in developing statewide targets, and will also provide MPOs with subsets of the statewide data, based on their planning area boundaries. Updates of this data will include prior performance data.
 - b. The MMMPO, and the WVDOT will report to USDOT progress toward attainment of performance targets and critical outcomes, as established in 23 USC and requirements specified in 23 CFR 450 and 23 CFR 490.
5. The Collection of Data for the State Asset Management Plan
 - a. The WVDOT will be responsible for collecting bridge and pavement condition data for the State asset management plan for the NHS.

F. AMENDMENT, TERMINATION, AND SUPERSESSION OF AGREEMENT

Any party to this MOU may terminate it by a 60-day written notice to the other parties. If this occurs, the parties agree to consult further to determine whether the issues can be resolved and the agreement re-implemented in an amended form.

G. DISPUTE RESOLUTION

The parties to this MOA, along with FHWA and FTA staff, will make every attempt to resolve differences at the lowest staff level possible and in a timely manner. Differences not resolved at the staff level will be addressed at the executive director level. Policy issues not settled at the executive director level will be taken to the MMMPO Policy Board and the Secretary of the West Virginia Department of Transportation or his designee for resolution.

MEMORANDUM OF UNDERSTANDING
FOR THE
IMPLEMENTATION OF THE PERFORMANCE MANAGEMENT PROCESS
BY AND BETWEEN
MORGANTOWN MONONGALIA TRANSPORTATION PLANNING ORGANIZATION AND THE
MONONGALIA URBAN MASS TRANSIT SYSTEM

This Memorandum of Understanding (MOU) is made this _____ by and between the Morgantown Monongalia Transportation Planning Organization doing business as the Morgantown Monongalia MPO hereinafter MPO and the Monongalia Urban Mass Transit System hereinafter Transit, and shall serve as the Metropolitan Planning Agreement (MPA) in accordance with 23 CFR 450.

WITNESS THAT

WHEREAS, pursuant to federal statutes, and as a requirement for obtaining federal transportation funds, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have established regulations requiring each metropolitan area, the States and public transportation to utilize a continuing, cooperative, and comprehensive performance based multimodal transportation planning process to engage the citizenry and support metropolitan community development; and

WHEREAS, federal statute and regulations require that the state and **MPO** have fully coordinated transportation planning processes with a minimum twenty-year planning horizon; and

WHEREAS, the **MPO** is responsible for regional transportation and air quality (if applicable) planning on behalf of its member governments within a geographic area boundary of Monongalia County; and

WHEREAS, pursuant to Title 30, Article 28, C.R.S., as amended, the **MPO** is empowered to make and adopt regional plans for physical development within its geographic area, including transportation plans, nothing in this agreement shall be construed to limit its ability under state and federal law to review and take action on all matters within the scope of its statutory responsibilities, and

WHEREAS, the pertinent federal regulations require an agreement between each MPO, the transit provider(s), that specifies the responsibilities for cooperatively carrying out transportation planning and programming, including activities related to transportation system performance; and

WHEREAS, the Agreement creating the MPO requires the MPO to create a PROSPECTUS to "...document the interagency agreements and describe the respective agency roles and responsibilities" and

WHEREAS, the federal regulations require that the MPO, State DOT, and the public transit provider shall jointly agree upon and develop specific written procedures for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO, and the collection of data for the State asset management plan for the National Highway System (NHS) and;

WHEREAS, it is the desire and intent of the parties to fulfill the pertinent federal requirements pursuant to this MOU, nothing in this MOU shall be construed as limiting or affecting the legal authorities of the parties or shall be construed as requiring the parties to perform beyond their respective authorities; and

NOW, THEREFORE, BE IT RESOLVED THAT the parties hereto do mutually agree as follows:

A. PARTIES

The parties to this agreement are the **MPO**, governed by the Policy Board, and the Transit Agency.

The **MPO** has been designated the MPO policy body for the greater **Morgantown** area consisting of Monongalia County. The MPO is composed of representatives from the cities, County, Board of Education, and public transportation agencies serving the area.

The MPO has Bylaws that establish its membership, time and place of meeting, officers, voting procedures, ethics policies, committees, staffing and public participation procedures, a Prospectus to define the responsibilities of agencies participating in the planning process, and procedures for amendments to its bylaws.

B. APPLICABILITY

This MOU applies to the continuing, cooperative and comprehensive performance based multimodal metropolitan transportation planning and programming process required for the **MPO** by 23 USC Section 134 and 135 and 49 USC 5303, et seq. and 43-1 Part 11, C.R.S., as implemented by the applicable regulations in order for the region to qualify for federal transportation funds and meet state and regional transportation planning requirements.

C. PURPOSE

This MOU is an agreement by **MPO, and TRANSIT**, to follow the metropolitan transportation planning process within the boundaries of the metropolitan planning area, and to implement applicable statutes and regulations, to ensure that a cooperative transportation planning and programming process is established between the **MPO, and TRANSIT** for the metropolitan planning area. This agreement also documents the agencies agreement to participate in the Performance Management process as outlined in the MPO's agreement with the West Virginia Department of Transportation for Performance Management. Each agencies' responsibilities in that process being defined in the MPO's Prospectus as required by the MPO's July 1, 2003 Agreement with the West Virginia Department of Transportation.

D. PARTICIPANT RESPONSIBILITIES

The MPO, in cooperation with the WVDOT and TRANSIT, is responsible for the metropolitan transportation planning and programming process within the boundaries of the MPO. This responsibility includes preparing and adopting, in a manner consistent with this MOU, all required metropolitan transportation plans (MTPs), transportation improvement programs (TIPs), and documents of the metropolitan transportation planning and programming process.

Roles and Responsibilities of the MPO For Transportation Systems Planning.

The MPO shall:

- (i) produce in consultation with TRANSIT and interested state, local and regional parties a long range, multimodal, financially constrained transportation plan which identifies all

regionally significant proposed facilities and any corridor or subarea studies that may result in such proposed facilities;

- (ii) ensure that corridor and subarea studies include development and analysis of appropriate transit options based on consultation with transit operators;
- (iii) include MCUMTA in technical oversight of corridor and subarea studies;
- (iv) develop and reach consensus on regional forecasts of population, employment, and land use;
- (v) coordinate with appropriate state and local agencies in order to ensure consistency with statewide and national forecasts of population, employment, and land use to assure that travel demand forecasts are consistent so that projects remain eligible for Federal funding;
- (vi) develop transportation models and perform analysis for the region;
- (vii) work with other affected transit operators on the development and use of forecasting models and network representations in order to ensure consistency of models and adequacy for multi-modal analysis;
- (viii) provide a forum for members to identify travel and transit needs, potential concepts for transportation system improvements, and to identify the appropriate processes for advancing concepts; and
- (ix) participate in any evaluation process intended to set priorities for transit projects based on appropriate criteria established collectively by MCUMTA, the MPO and interested state and regional parties which allow for concepts to be identified, defined, screened, and developed in a phased, cost-effective manner that ensures that projects are feasible and meet the needs of the region and the implementing agencies.
- (x) the MPO will work with TRANSIT to develop an annual list of federally funded projects that are obligated for implementation

b. Roles And Responsibilities Of TRANSIT For Transportation Systems Planning.

TRANSIT, while coordinating with appropriate staff of the MPO and member organizations of the MPO, shall:

- (i) provide appropriate transit options for consideration in studies by the MPO of corridors and subareas;
- (ii) participate in technical oversight of studies by the MPO of corridors and subareas;
- (iii) provide technical assistance and data to staff of the MPO and member organizations of the MPO in the development of needs statements, concept definitions, and determinations of physical and operational feasibility;

- (iv) perform such studies as are necessary to sustain current operations, comply with federal and state requirements, and ensure integrity of existing, operations and services including, but not limited to, operations and capacity studies, market research, customer surveys, definition and development of concepts for transit service and infrastructure improvements and enhancements;
- (v) identify transit services and projects which cross the boundaries of the MPO and require planning and forecasting coordination among other MPO's;
- (vi) help develop models and methods of transit mode-specific forecasting and operations analysis consistent with regional and state projections;
- (vii) apply transit demand models and produce TRANSIT system-wide and project-specific travel demand forecasts;
- (viii) develop a staged process for any advancing transit new start capital projects including: (1) identification of purpose and need; (2) development of problem statements; (3) identification of concepts; (4) development of transit concepts; (5) feasibility screening; and (6) identification of steps to advance into the processes for evaluation and rating under the FTA's New Starts program and the National Environmental Policy Act ("NEPA");
- (ix) fully involve the MPO in the staged project evaluation process, including all aspects of public outreach, as appropriate;
- (x) develop and incorporate into the staged project evaluation process, criteria for transit project evaluation which shall be consistent with FTA New Starts Evaluation, Small Starts Evaluation and Rating Process, transit operational feasibility requirements, and the West Virginia State Plan and Development policies; and
- (xi) provide regular briefings to the MPO on any active transit planning.
- (xii) annually develop a list of obligated projects utilizing federal funds for the MPO's use in required reporting
- (xiii) work with the MPO and appropriate state agencies to develop and adopt performance measures as required by Federal regulations
- (xiv) provide financial data and forecasts needed for the MPO to develop required financial reports and fiscally constrained transportation plans, transportation improvement programs and or prioritized project lists

The parties agree that metropolitan transportation planning and programming processes leading to the development and adoption of MTPs and TIPs, may change in order to respond to changes in the law, restructuring within their respective organizations, or to reflect prior experience. Any required changes will be fully accommodated through a negotiated process between the agencies which will be documented in the MPO's duly adopted PROSPECTUS.