



82 Hart Field Road Suite 105
Morgantown, WV 26508
(304) 291-9571
www.plantgether.org

Agenda

MPO Transportation Technical Advisory Committee Meeting
MPO Conference Room
Morgantown Airport Terminal
January 5, 2016
1:30 PM

1. Call To Order
2. Approval of Minutes
3. Draft TIP
4. TIP Amendments
5. Draft MPO Unified Planning Work Program for FY 2016-17
6. Update on Project Status:
 - a. I-79 Access Study
 - b. University Avenue Complete Streets Study
 - c. Granville Westover Pedestrian Study
7. Other Business
8. Meeting Adjournment



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Memorandum

Date: December 30, 2015
To: Transportation Technical Advisory Committee Members
From: Bill Austin, AICP
Subject: January 5, 2016 TTAC Agenda

Please find below a short description of the items to be considered at the January 5, 2016 TTAC Meeting to be held at the MPO Office in the Conference Room at 1:30 PM.

-Draft 2016-2021 Transportation Improvement Program-MPO Staff has developed, advertised and released the draft Transportation Improvement Program (TIP) to the public for comment. The Highway portion of the TIP was developed from the recently released draft State Transportation Improvement Program. Since the last TTAC meeting staff received information from Mountain Line and WVU on items to be included in the draft TIP. This information was duly advertised as well.

In addition to the standard highway and transit project lists staff is proposing to identify low income and non-english speaking communities within the MPO's area. This information was reviewed at the last TTAC meeting and has been available for review by the public as required by the MPO's recently adopted Public Involvement Policy. To date there have been no comments received on the draft TIP

MPO staff respectfully requests that the TTAC recommend adoption of the draft Transportation Improvement Program at the January MPO Policy Board meeting.

-TIP Amendments-The West Virginia Department of Transportation has requested that the TIP be amended to include the following two projects:

FY 2016 Add

-I-79-Resurface proceeding north for a distance of 3.73 miles beginning at milepost 145.65 in the vicinity of Goshen Road-Uffington-Project Number NHP0793251D Total Cost \$3,200,000 Federal Funding \$2,880,000

-CO 73 Smithtown Road-Resurface for a distance of 6.16 miles beginning at milepost 4.3 to milepost 10.46-Project Number STP0073085D-Total Cost \$240,000 Federal Funding \$192,000

-Draft MPO Unified Planning Work Program for FY 2016-2017-Please find enclosed in your agenda packet the Draft Unified Planning Work Program for FY 2016-2017. The draft UPWP was developed from the input received during the most recent MPO Committee meetings as well as from discussions with members of the MPO Policy Board. The draft UPWP's primary work product in the upcoming year will be an updated Long Range Transportation Plan to be developed by MPO Staff. The primary change for MPO Staff proposed in the UPWP is a recommendation that the MPO's Planner I be promoted to the Planner II. Please note that for the sake of brevity the draft provided in the agenda packet does not include documentation of compliance with regulations required for submittal with the final document. That documentation will be provided with the final submittal for adoption in March.

We would appreciate the TTAC's review of this document. Under the MPO's new public involvement process the UPWP will be brought before the MPO Policy Board for adoption at their March 2016 meeting.

Morgantown Monongalia Metropolitan Planning Organization



Transportation Improvement Program

FY 2016-FY 2021

Morgantown Monongalia Metropolitan Planning Organization

82 Hart Field Road Suite 105

Morgantown WV

Adopted

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I-INTRODUCTION

Transportation Improvement Program (TIP)

Purpose and Development

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 long range transportation plan, 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 and Mountain Line. 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 Long Range Transportation Plan. To meet these requirements the MMMPO prepares the draft TIP in cooperation with the West Virginia Department of Transportation, Mountain Line Transit and other area institutions and stakeholders. The MPO also identifies how each project is consistent with the policies of the Long Range Transportation Plan. It should also be noted that the last two fiscal years shown in the TIP and those projects are those projects are 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 the progress of implementing the long range 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 and reviewed by WVDOT to insure that the list is financially feasible given the future year funding anticipated by WVDOT.

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 LRTP 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.

It should be noted that due to the recent passage of the Moving Ahead for Progress Act for the 21st Century (MAP-21) this TIP differs significantly from previous TIP's developed by the MPO in that the number of funding categories has been reduced significantly. This was primarily done by eliminating categories and making activities that were eligible funding in the eliminated categories eligible in one of the remaining categories. For example the National Recreational Trail program became part of the Transportation Alternatives category. While many funding categories were eliminated the funds available to those categories remain available until the obligation for these funds expires. For ease of use the summary of Federal funding in this TIP combines funds available in the previous funding categories into the appropriate

MAP 21 funding category. However, the individual project has the appropriate funding from previous legislation noted in its description so the public may accurately identify the projects funding source.

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-2016 MORGANTOWN MONONGALIA MPO COMMITTEE MEMBERSHIP

Metropolitan Planning Organization Policy Board

Officers

Chairman-TBD

Vice-Chairman-TBD

Treasurer-TBD

Secretary, Bill Austin, MPO Director ex officio

Mountain Line Transit, Dave Bruffy

City of Morgantown-Mayor Marty Shamberger, Councilors Jennifer Selin, Wes Nugent,

Monongalia County Board of Education-Michael Kelly

Blacksville, The Honorable Joe Statler

Granville-Mayor Patricia Lewis

Star City-Mayor Herman Reid

Westover-Councilperson Janice Goodwin

Monongalia County Commission-Commissioners Tom Bloom, Eldon Callen, Edward Hawkins

West Virginia University-Randy Hudak

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

MPO Transportation Technical Advisory Committee

Federal Highway Administration and Federal Transit Administration-Jason Workman, ex officio

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

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
- 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 5310-FTA Enhanced Mobility for Seniors and Individuals with Disabilities
- Section 5311-Rural Area Formula Grants
- Section 5337-State of Good Repairs Grants
- Section 5339-Bus and Bus Facilities Program
- TA-Transportation Alternatives funding
- TEA-21-Surface Transportation Efficiency Act for the 21st Century
- TEA-Transportation Enhancement Funds

Work Categories

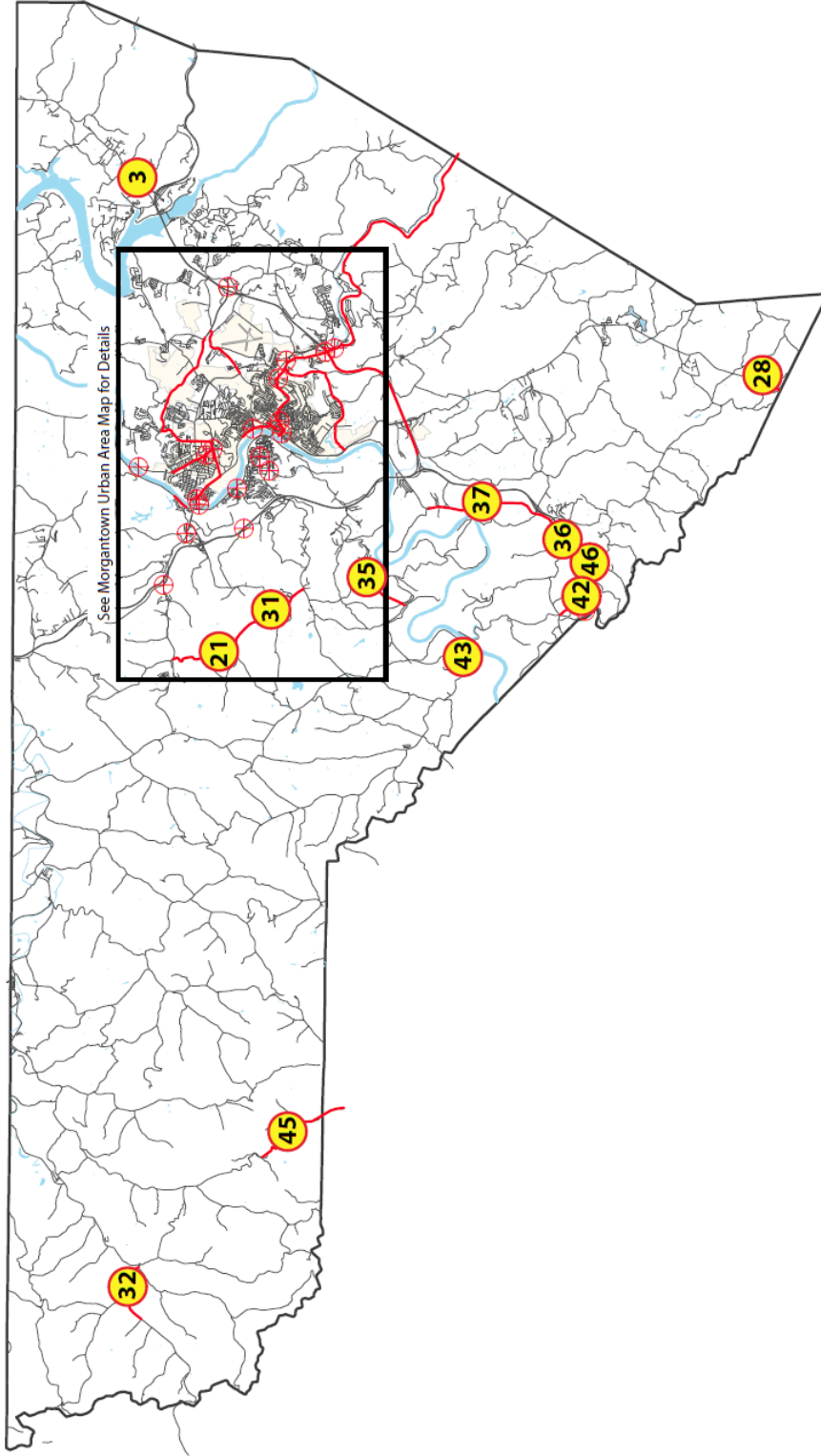
- CON-Construction
- ENG.-Engineering
- M-Maintenance
- P/PE-Planning and Planning and Environmental
- ROW-Right of Way

**IV-LIST OF PROGRAMMED AND ONGOING PROJECTS AND MAP OF
PROGRAMMED PROJECTS (WITH SUMMARY OF MPO LONG RANGE
TRANSPORTATION PLAN GOALS AND OBJECTIVES)**

MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM HIGHWAY PROJECTS FY 2015-FY 2021							PROJECT YEARS BEYOND 2018 SUBJECT TO CHANGE			
MAP REF.	ROUTE	PROJECT NAME	TYPE OF PROJECT	FED FISCAL YEAR	FED PROJ NUMBER	FEDERAL FUNDS	TOTAL PROJECT COST	LRTP GOAL(S)		
1	I-79	I-79 INTERCHANGE	CONST NEW INTERCHANGE	PREVIOUS YEAR	NHPP0793238	\$1,260,000	\$1,400,000	1,3,4,7,8		
				PREVIOUS YEAR	NHPP0793239	\$640,000	\$600,000			
				PREVIOUS YEAR	NHPP0793240	\$12,600,000	\$14,000,000			
2	US 119	MILEGROUND + 1 (SPLIT FUNDED) MILEGROUND + 1 (A/UTH AC MILEGROUND + 1 (AC PAYBACK)	CONST RD	2015	STP0119351D	\$3,840,000	\$4,800,000	1,3,4,8		
				2016	STP0119351D	\$3,840,000	\$4,800,000			
				2016	STP0119351D	\$3,840,000	\$4,800,000			
3	US 19	MONONGAHELA BLVD TWLTL	ADD AUXILIARY LN	2015	HSP0019394D	\$1,530,000	\$1,700,000	1,2,3,4,5,6		
				2016	STP0705008D	\$608,200	\$760,300			
4	WV 705	PATTESON DR #1	ADD TN LNS	2016	HSP0671005D	\$90,000	\$100,000	3		
				2016	HSP0671006D	\$1,080,000	\$1,200,000			
5	CO 67/01	WEST RUN ROAD	WIDEN ROAD	PREVIOUS YEAR	CMAQ.0007247D	\$160,000	\$200,000	1,2,3,6		
				2016	CMAQ.0007249D	\$400,000	\$500,000			
6	WV7/CO857	CO857/WV7 (GREEN BAG RD AND WV 7	IMPROVE INTERSECTION	2016	CMAQ.0007248D	\$800,000	\$1,000,000	1,2,4,6		
				2016	CMAQ.0007249D	\$400,000	\$500,000			
7	US 119	MILEGROUND WIDENING AIRPORT RD - EASTON ELEMENTARY	WIDEN US 119, DONNA AVE TO CHEAT RD	2016	STP0119372D	\$9,112,000	\$11,390,000	1,2,3,6,8		
				2016	STCVM0119373D	\$7,360,000	\$9,200,000			
8	WV 100 AND CO 49	DENTS RUN ROAD/MAIN STREET GVILLE	IMPROVE INTERSECTION	2016	STCVM0119373D	\$3,840,000	\$4,800,000	1,3,4		
				2016	HSP0100153D	\$56,000	\$70,000			
9	NA	WALNUT ST STREETScape 2012	CONST WALK, CROSSWALKS, CURB CUTS,	2016	HSP0100152D	\$120,000	\$150,000	3,6,7		
				2016	TEA2012602D	\$42,000	\$52,500			
10	WV 100	WESTOVER DUNKARD AVENUE SIDEWALKS 2012	CROSSWALKS, CURB CUTS,	2016	TEA2012638D	\$238,000	\$297,500	3,6,7		
				2016	TEA2012637D	\$36,000	\$45,000			
11	US 119	MILEGROUND - AIRPORT RD (SPLIT)	WIDEN US 119, CHEAT DR TO DONNA AVE	2016	STP0119384D	\$15,200,000	\$19,000,000	1,3,4,7,8		
				2017	STCVM0119371D	\$3,840,000	\$4,800,000			
				2017	STCVM0119371D	\$2,240,000	\$2,800,000			
12	CO 67/1	WEST RUN ROAD	WIDENING	PREVIOUS YEAR	HSP0671004D			1,3,6,7		
				PREVIOUS YEAR	HSP0671005D					
13	DECKERS CR. TR.	SABRATON	UNDERCUT REPAIR	2016	HSP0671006D	\$270,000	\$300,000	6,7,8		
				2015	NRT2012693D	\$98,269	\$78,615			
14	DECKERS CR. TR.	H.R. MCQUAIN PK TO WHITE AVE	RESURFACING	2017	NRT2012686D	\$64,000	\$80,000	6,7,8		
				PREVIOUS YEAR	CMAQ00557???	\$4,000	\$5,000			
15	UNIVERSITY (CO065)	UNIVERSITY AVE (CO055)/COLLINS FERRY	INTERSECTION IMPROVEMENT	2015	CMAQ0055036D	\$24,000	\$6,000	1,3		
				2015	CMAQ0055037D	\$160,000	\$200,000			
				2016	CMAQ0055038D	\$296,000	\$370,000			
16	WV 100	GRANVILLE ROAD	RESURFACING	2015	S3311000018100	\$960,000	\$1,200,000	3,6		
				2016	CMAQ00019407D	\$40,000	\$50,000			
17	US 19	US 19/WV 7 INTERSECTION-PURSGLOVE	DESIGN REPORT	2016	CMAQ00019409D	\$24,000	\$30,000	3,6		
				2016	CMAQ00019410D	\$48,000	\$60,000			
18	US 19 (BEECHURST AVE)	BEECHURST AVE/CAMPUS DR INT.	INTERSECTION REALIGNMENT	2016	CMAQ00019410D	\$424,000	\$530,000	2,3,4,6		
				2015	CMAQ0007262D	\$8,000	\$10,000			
19	WV 7	WV 7/BROOKHAVEN ROAD INT.	INSTALL SIGNALS AND TRAVEL LANE	2016	CMAQ0007263D	\$12,000	\$15,000	3		
				2016	CMAQ0007262D	\$380,000	\$475,000			
20	I-68	MPO TO MP 4.8	RESURFACING	2016	NHPP0068	\$1,480,000	\$1,850,000	3,6		
				2015	NHPP0007	\$760,000	\$950,000			
21	WV 7	LITTLE IND. CREEK RD TO US 19	RESURFACING	2015	TEA2014089TCD	\$87,500	\$87,500	1,2,3,6,7		
				2015	TEA2014088TCD	\$192,500	\$240,625			
22	DECKERS CR. PED BRIDGE	VICINITY OF WALNUT STREET	ENGINEERING	2015	NRT2012681	\$3,520	\$4,430	1,2,3,6,7		
				2018	NRT2012702D	\$19,520	\$24,400			
23	WESTOVER	WESTOVER PARK LOOP	CONSTRUCTION	2015	STD2015040TDC	\$28,000	\$28,000	1,2,3,6,7		
				2018	STD2015041TDC	\$73,600	\$92,000			
24	CAPERTON RAIL TRAIL, Star City	ADD PEDESTRIAN CONNECTOR TO RIVERS AND SHOPPING CENTER	ENGINEERING					1,2,3,6,7		
25	PATTESON DRIVE (WV705)	INSTALL LIGHTING US 19 VICINITY OF UNIVERSITY AVE	CONSTRUCTION	2016	HSP0705016D	\$45,000	\$50,000	3,6		
26	BOYERS AVENUE	INTERSECTION WITH US 19 MONONGAHELA BOULEVARD ADD TURN LANE	RIGHT OF WAY	2016	NHPP0019438D	\$800	\$1,000	1,2,3		
				2016	NHPP0019437D	\$4,000	\$5,000			
27	COLLINS FERRY ROAD	RESURFACING UNIVERSITY AVENUE TO MORGANTOWN CITY LIMIT	CONSTRUCTION	2016	NHPP0019439D	\$461,600	\$577,000	3,6		
				2016	ACST0057017D	\$0	\$66,290			
MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM HIGHWAY PROJECTS FY 2015-FY 2021							\$0			

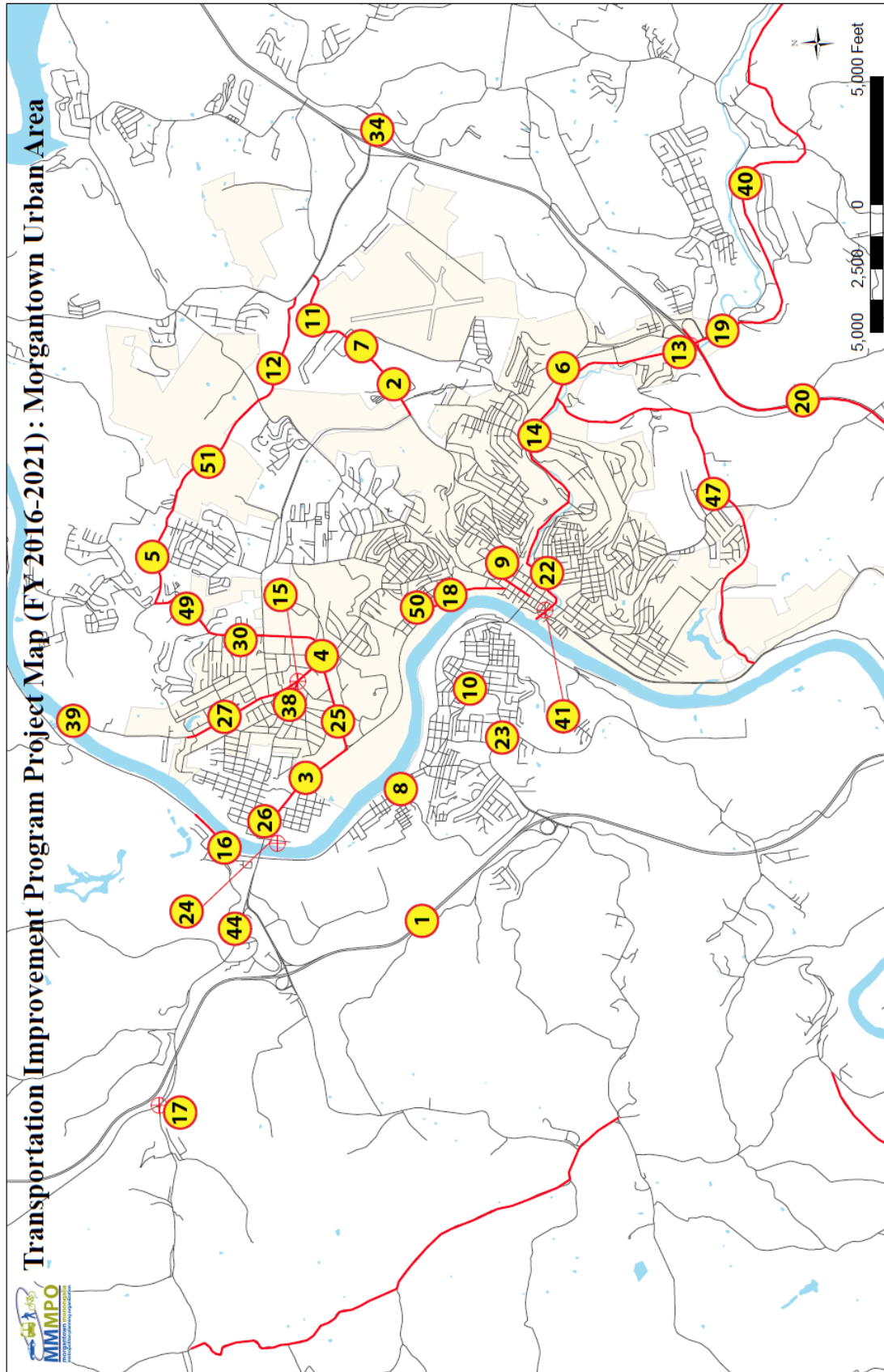
MAP REF.	MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM HIGHWAY PROJECTS FY 2015-FY 2021				PROJECT YEARS BEYOND 2018 SUBJECT TO CHANGE			
	ROUTE	PROJECT NAME	TYPE OF PROJECT	FED FISCAL YEAR	FED PROJ NUMBER	FEDERAL FUNDS	TOTAL PROJECT COST	L RTP GOAL(S)
28	GRAFTON ROAD (US119)	RESURFACING FROM TAYLOR CO LINE SOUTH 1.15 MILES	CONSTRUCTION	2016	ACST0119424D	\$0	\$90,600	3,6
29	HORNER	Resurface from CR 61/4 to CR 67 1.23 miles	CONSTRUCTION	2016	ACST0671007D	\$0	\$95,700	3,6
30	VAN VOORHIS ROAD (CO59)	RESURFACE FROM UNIVERSITY AVE TO CITY LINE	CONSTRUCTION	2016	ACST0059005	\$0	\$1,375,000	3,6
31	INDIAN CREEK ROAD (CR41)	RESURFACE FROM CR 61/4 to CR 67 1.42 MILES	CONSTRUCTION	2016	ACST00411079D	\$0	\$116,300	3,6
32	MASON DIXON HWY (WW7)	RESURFACE CR7/4 TO CR 11 2.09 MILES	CONSTRUCTION	2016	NHPP0007277D	\$0	\$179,600	3,6
NO MAP	MORGANTOWN BIKE SIGN	VARIOUS LOCATIONS INSTALL SIGNS AND PAVEMENT MARKINGS	CONSTRUCTION	2016	TEA2014195D	\$96,000	\$120,000	3,6,7
34	I-64/PIERPOINT ROAD INTERCHANGE	EB RAMP WIDEN ADD TURN LANE	RIGHT OF WAY ENGINEERING	2016	NHPP0068170D	\$900	\$1,000	3,4
				2016	NHPP0068169D	\$9,000	\$10,000	
				2017	NHPP0068171D	\$288,000	\$320,000	
35	RIVER RD (CO 45)	RESURFACE CR40 TO CR 45/8 1.3 MI	CONSTRUCTION	2016	ACST0045070D	\$0	\$124,000	3,6
36	SMITHOWN RD (CR73)	RESURFACE MP 4.4 TO MP 6.16	CONSTRUCTION	2016	ACST0073083D	\$0	\$369,000	3,6
37	SMITHOWN RD (CR73)	RESURFACE CR55 TO MP 4.4	CONSTRUCTION	2016	ACST0073083D	\$0	\$117,360	3,6
38	UNIVERSITY AVENUE (CR55)	RESURFACE MP .4 TO MP 1.35	CONSTRUCTION	2016	ACST0055040D	\$0	\$69,100	3,6
39	COLLINS FERRY CONNECT	CONNECT CAPERTON RAIL TRAIL	CONSTRUCTION	2017	NRT2014221DTC	\$44,800	\$11,200	1,2,3,6,7
40	DECKERS CR TRAIL	REPAIRS LENGTH OF TRAIL	CONSTRUCTION	2017	NRT2014222DTC	\$29,344	\$29,344	1,2,3,6,7
	FOUNDRY STREET	CONSTRUCT CONNECTION BETWEEN	ENGINEERING	2017	TAP2014218DTC	\$12,580	\$12,580	
41	LINKAGE TRAIL	CAPERTON TRAIL AND FOUNDRY ST	CONSTRUCTION	2017	TAP2014219D	\$24,256	\$30,320	1,2,3,6,7
	MORRIS BUILDERS BRIDGE	(CO 19/25)TWO BRIDGES SCOTTS RUN						
42	REPLACE PLUS 1	.2 MILES E OF CR19/2	CONSTRUCTION	2017	ACST1925001D	\$0	\$1,125,000	1,2,3,6,7
43	REPLACE EVERETTSVILLE BR	(CR 45) BRIDGE OVER INDIAN CREEK	CONSTRUCTION	2017	ACST0045069D	\$0	\$50,000	3,6
44	ARNETTSVILLE ARCH	US 19 .06 MILES S OF CR 45	CONSTRUCTION	2017	ACST0019425D	\$0	\$1,867,000	3,6
45	BRIDGE REPLACEMENT	MP 0 to MP 2.4	RESURFACING	2016	ACST0015103D	\$0	\$196,500	3,6
46	KLONDIKE HILL ROAD I-79	White Day Creek Bridge Replacement	BRIDGE	2016	NHPP0793247D	\$648,000	\$720,000	3,6
NO MAP	MORGANTOWN CBD	SIGNAL SYSTEM UPGRADE	CONSTRUCTION	2016				3,6
	GREENBAG ROAD (CO857)	IMPROVE /S AND WIDEN	ENGINEERING	2018	U33185706700 (STP)	\$800,000	\$1,000,000	
			RIGHT OF WAY	2019	STP	\$2,400,000	\$3,000,000	1,2,3,4,5,6,7
			CONSTRUCTION	2020	STP	\$8,800,000	\$11,000,000	
49	VAN VOORHIS ROAD	WIDEN	ENGINEERING	2018	U3315909400 (STP)	\$480,000	\$600,000	
			RIGHT OF WAY	2019	STP	\$2,400,000	\$3,000,000	1,2,3,5,6,7
			CONSTRUCTION	2020	STP	\$3,520,000	\$4,400,000	
			ENGINEERING	2019	U33119132400(NHP)	\$400,000	\$500,000	
50	BEECHURST AVE(US19)	SPOT IMPROVEMENTS BEGINNING AT 6TH STREET	RIGHT OF WAY	2020	NHP	\$2,400,000	\$3,000,000	1,2,3,5,6,7
			CONSTRUCTION	2021	NHP	\$4,000,000	\$5,000,000	
			ENGINEERING	2020	U33167118600(STP)	\$600,000	\$750,000	
			RIGHT OF WAY	2020	STP	\$4,000,000	\$5,000,000	1,2,3,5,6,7
51	WEST RUN (CO 67/1)	WIDENING	CONSTRUCTION	2021	STP	\$5,000,000	\$6,250,000	
MORGANTOWN MONONGALIA MPO TRANSPORTATION IMPROVEMENT PROGRAM HIGHWAY PROJECTS FY 2015-FY 2021								

Transportation Improvement Program Project Map (FY 2016-2021)



18,000 9,000 0 18,000 Feet





- 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. 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.

- 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

- 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**

FY 2016 - 2021 Transportation Improvement Program - Transit Projects
Morgantown Monongalia MPO

Project Description	Agency Conf.	Type Fed. Funds	2016		2017		2018		2019		2020		2021	
			Fed. (1000's)	Local (1000's)	Fed. (1000's)	Local (1000's)	Fed. (1000's)	Local (1000's)	Fed. (1000's)	Local (1000's)	Fed. (1000's)	Local (1000's)	Fed. (1000's)	Local (1000's)
Local Service Operating Assistance	FTA	5307 5307 Safety & Security	1,574.0	1,574.0	1,600.0	1,600.0	1,632.0	1,632.0	1,632.0	1,632.0	1,632.0	1,632.0	1,632.0	1,632.0
Oper. Assistance FTA 5311(F)	WV State	5311(F) State Funding pass through	266.2	266.2	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0
Planning		5307 Other Non Federal Funding	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bus Purchases		FTA 5339 Bus & Bus Facilities Formula Grant	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
CMAQ Operating Assistance		FTA 1113												
Mobility Manager		FTA 5307 Mobility Manager												
Operating Assistance		FTA 5307 New Fit and Senior Mons												
TOTALS			2,006.2	2,006.2	2,036.0	2,036.0	2,068.3	2,068.3	2,068.3	2,068.3	2,068.3	2,068.3	2,068.3	2,068.3

	West Virginia University Personal Rapid Transit (PRT)						
Fiscal Year	PROJECT DESCRIPTION AND FUNDING SOURCE	FEDERAL FUNDS	MATCH	TOTAL COST	100% MPRT FUNDED		
2014-2015	Power System Upgrade Sect. 5337 Vehicle Replacement	\$1,007,272	\$251,818	\$1,259,090		\$21,000,000	
2015-2016	Power System Upgrade Sect. 5307	\$1,439,391	\$359,847	\$1,799,238		\$51,218,685	
2016-2017	MPRT ATC & AFC Project FY 2013 FTA 5337 Funding	\$959,307	\$239,828	\$1,199,135			
2017-2018	MPRT Modernization (LONP) 5337	\$877,165	\$219,291	\$1,096,456			
2018-2019	MPRT Modernization (LONP) 5337	\$875,945	\$218,986	\$1,094,931			
2019-2020	MPRT Modernization (LONP) 5337	\$875,945	\$218,986	\$1,094,931			
2020-2021	MPRT Modernization (LONP) 5337	\$875,945	\$218,986	\$1,094,931			

**VII-SUMMARY OF PROGRAMMED PROJECTS FUNDING BY FUNDING
CATEGORY**

Total Morgantown Monongalia MPO Federal Funding FY 2016-2020

Does Not Include Match provided by WV DOT or Local Government

Project Years beyond 2017-2018 are subject to change-Informational Only

Highway Funds	Federal Funding Source	Fiscal Year										Total By Source	
		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021					
Surface Transportation Performance Program	(STPP)		\$47,992,000	\$6,080,000	\$1,353,600	\$8,800,000	\$16,920,000	\$5,000,000					\$64,225,600
Highway Safety Improvement Program	(HSIP)	\$1,530,000	\$1,571,000										\$3,101,000
Transportation Alternatives Program (Includes Nat. Rail Tr. And former Trans. Enhancement Funds)	(TAP)	\$378,269	\$334,000	\$174,980	\$19,520								\$906,769
National Highway Performance Program	(NHPP)	\$13,360,000	\$2,595,300	\$288,000		\$400,000	\$6,400,000	\$4,000,000					\$16,643,300
Bridge Repair													
Congestion Mitigation and Air Quality Program (CMAQ)			\$1,624,000										\$0
Total Highway Funding		\$15,268,269	\$54,116,300	\$6,542,980	\$1,373,120	\$9,200,000	\$23,320,000	\$9,000,000					\$118,820,669
Transit Funds													
FTA 5307			\$1,590,000	\$1,616,000	\$1,648,300	\$1,648,300	\$1,632,000	\$1,648,300					\$9,782,900
FTA 5311(f)			\$266,000	\$270,000	\$270,000	\$270,000	\$270,000	\$270,000					\$1,616,000
FTA 5339		\$1,007,272	\$1,439,391	\$959,307	\$877,165	\$875,945	\$875,945	\$875,945					\$6,910,970
CMAQ			\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000					\$900,000
Total Transit Funding		\$1,007,272	\$3,445,391	\$2,995,307	\$2,945,465	\$2,944,245	\$2,927,945	\$2,944,245					\$19,209,870
Total Federal Funding by Year		\$16,275,541	\$57,561,691	\$9,538,287	\$4,318,585	\$12,144,245	\$26,247,945	\$11,944,245					\$138,030,539

VIII-ANALYSIS OF COMMUNITIES IMPACTED BY TIP PROJECTS

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.

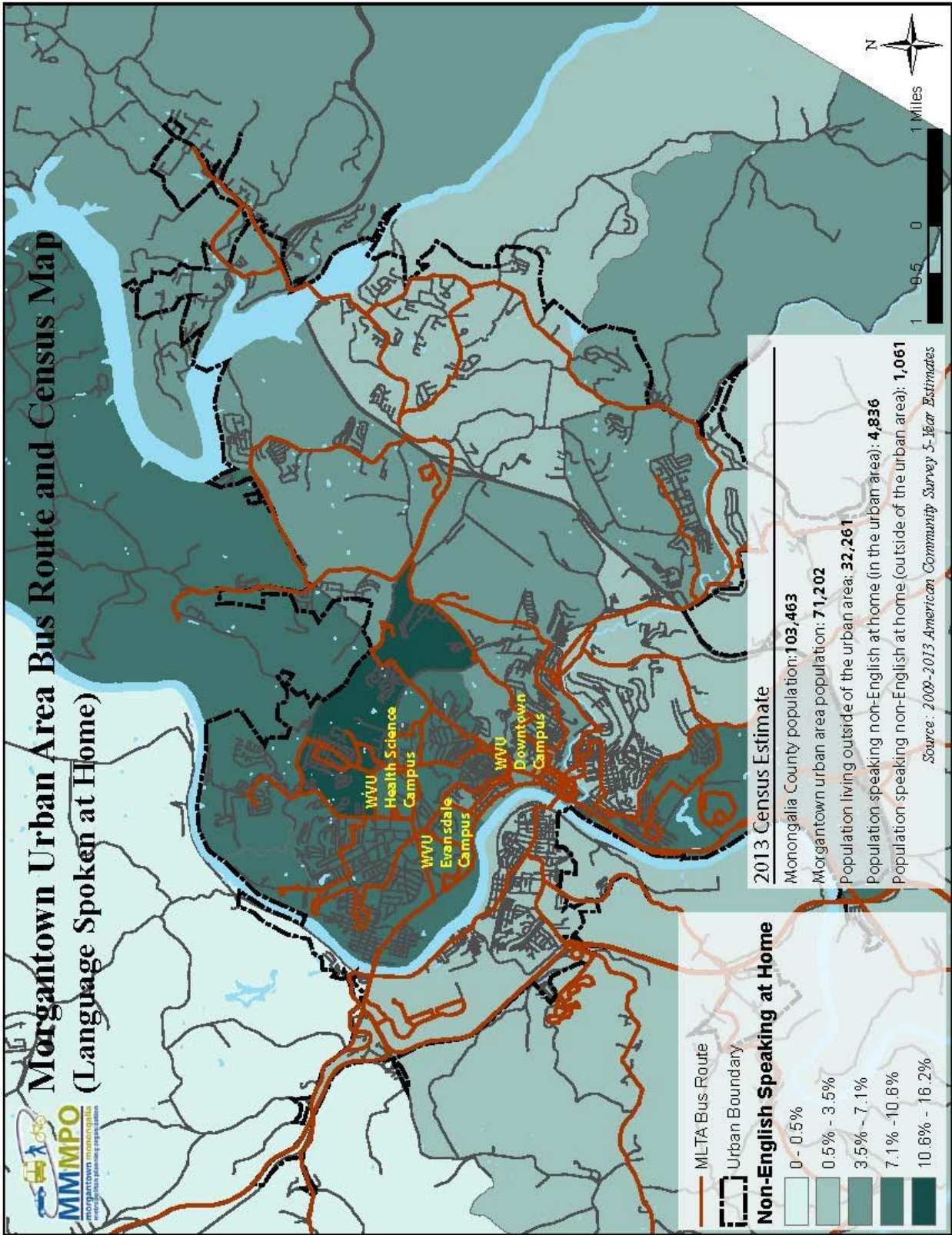
The maps included in this section of the Transportation Improvement Program demonstrate that the subject populations in the urban area receive significant transportation benefits from the projects included in the TIP. Since none of the highway projects included in the TIP require significant relocation 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.

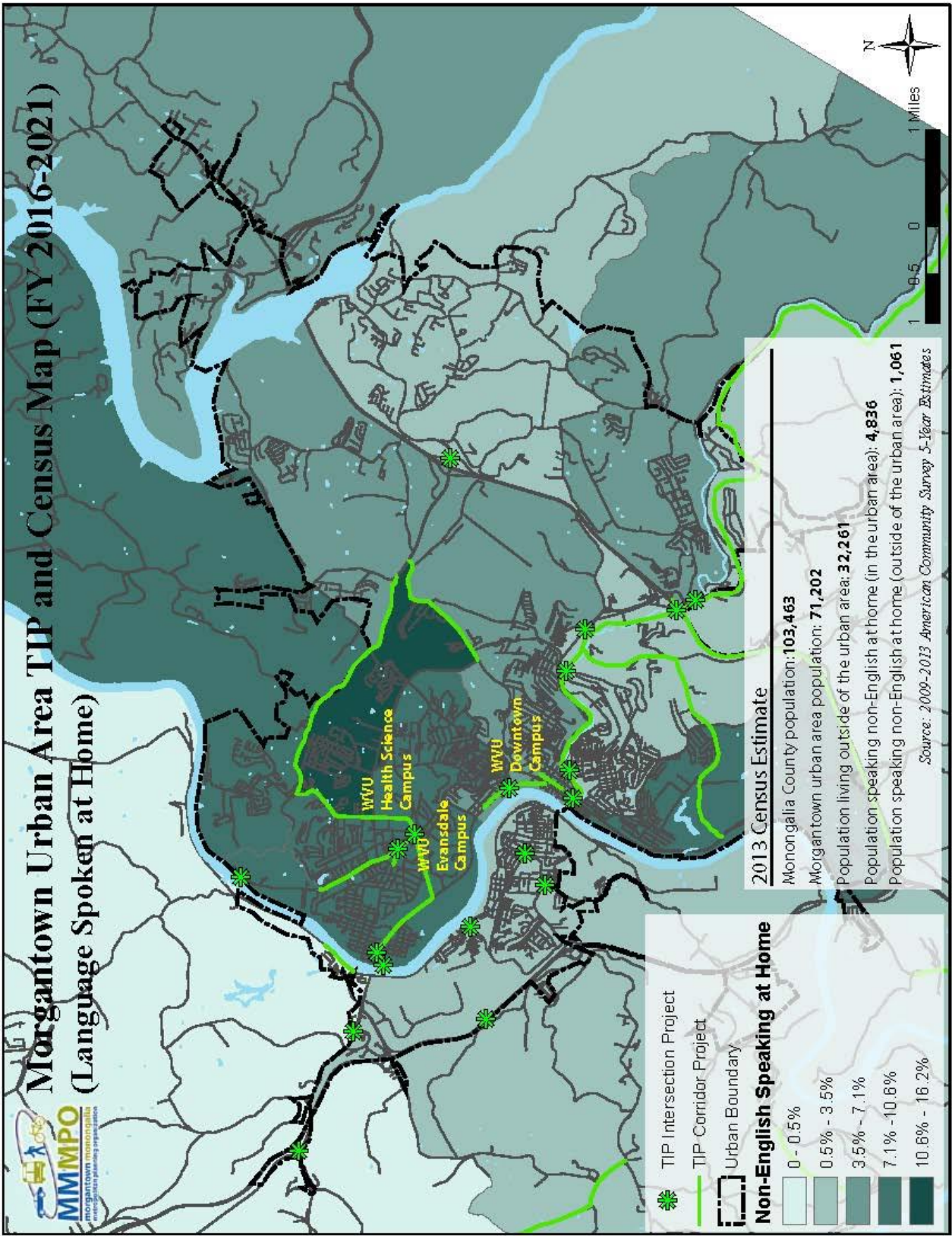
The Census Bureau's American Community Survey indicated that Monongalia County had an estimated total population of 103,463 as of 2013. Approximately, 71,202 (approximately 69%) of those residents reside in and around the urban core centered on Morgantown.

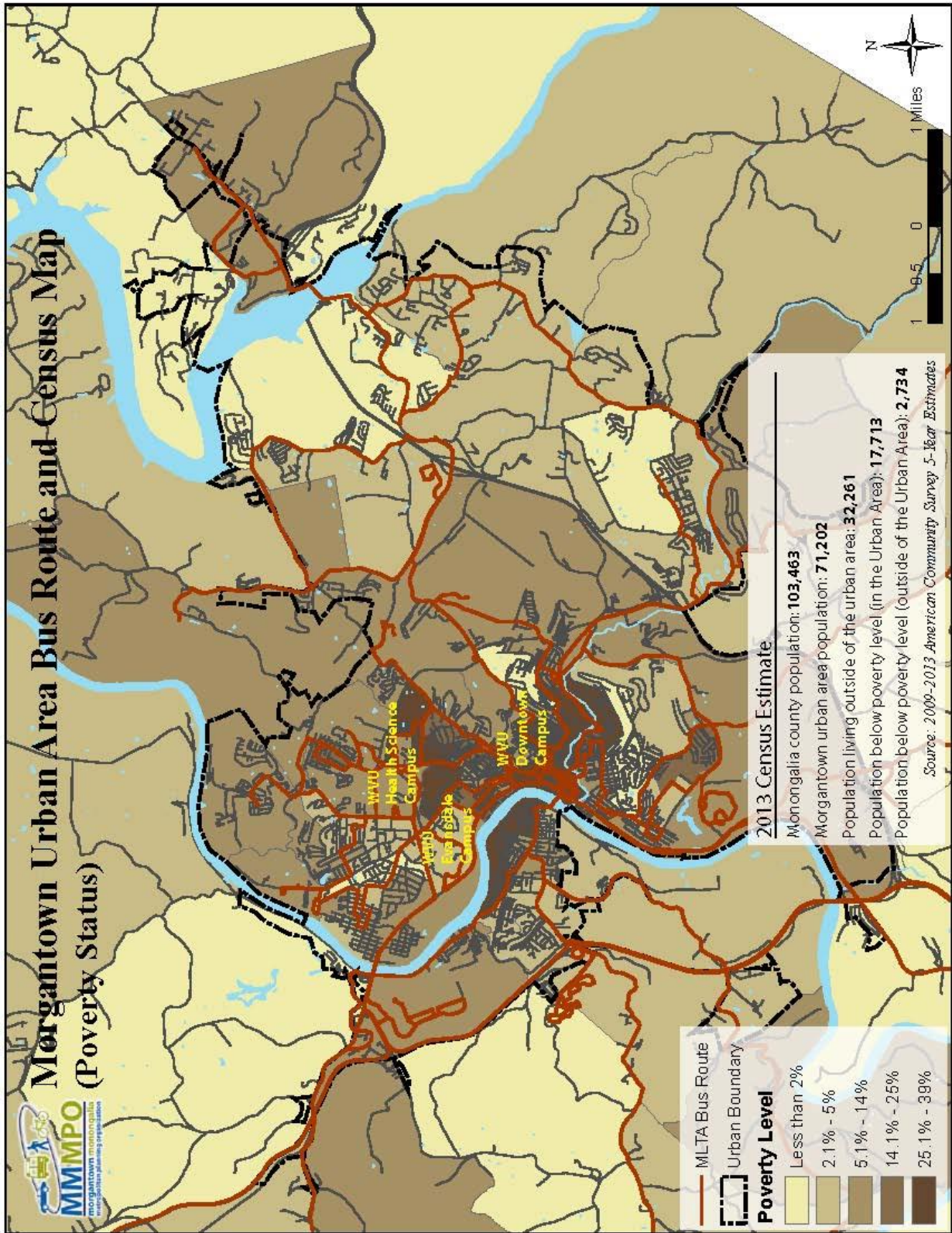
There were about 9,941 Self-reported "non-white" residents in Monongalia County making up 9.6% of the County's population. Approximately 3.7% (379) of these residents live outside of the urban core, with the remaining 9,570 living within the urban core with the highest density living in close proximity 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.

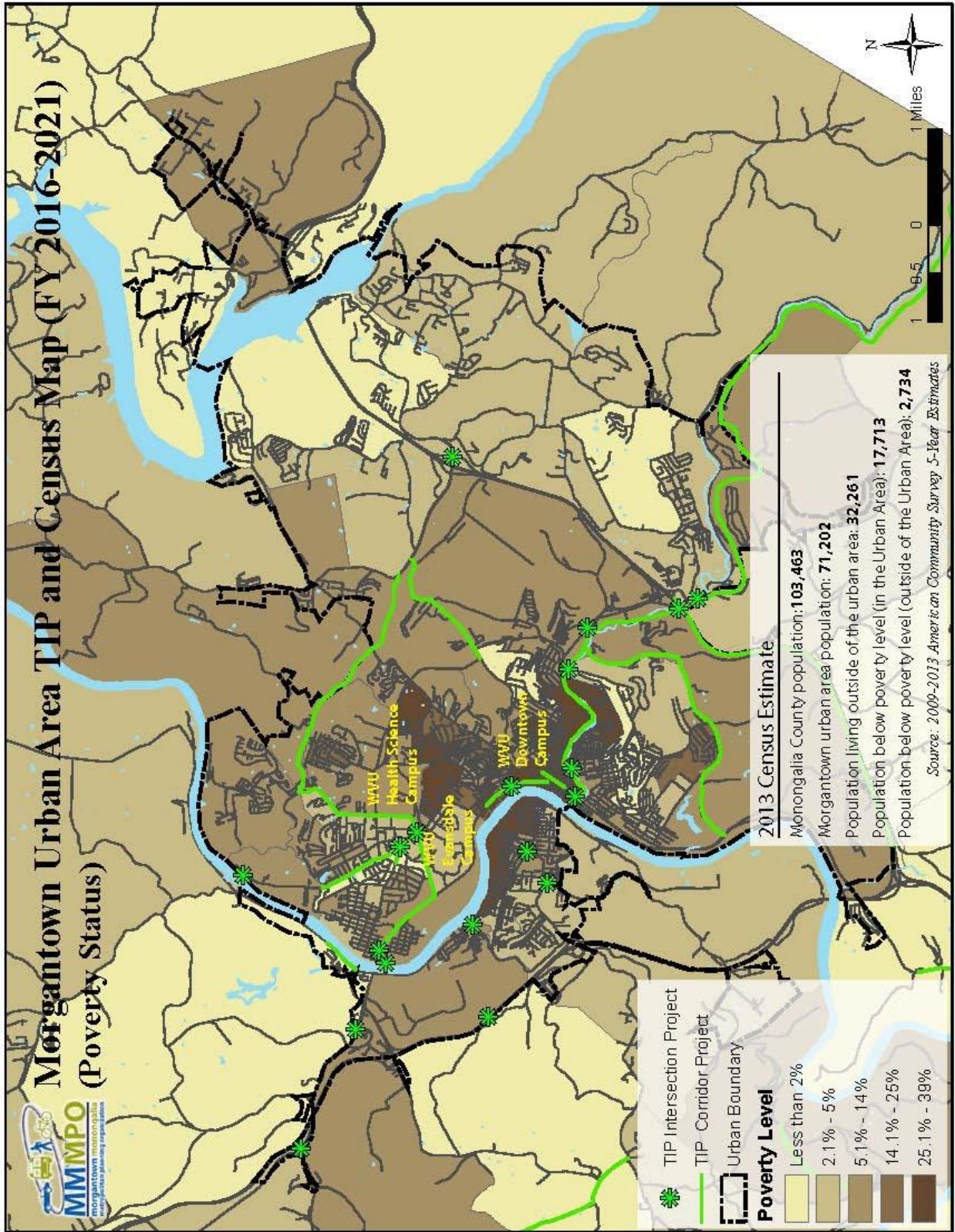
There were 4,836 County residents who report that they speak a language beside English at home. Approximately 22% (1,061) of those residents reside outside of the urban core. The highest density area for this population is in the vicinity of a WVU campus. This area is served by transit including the 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.

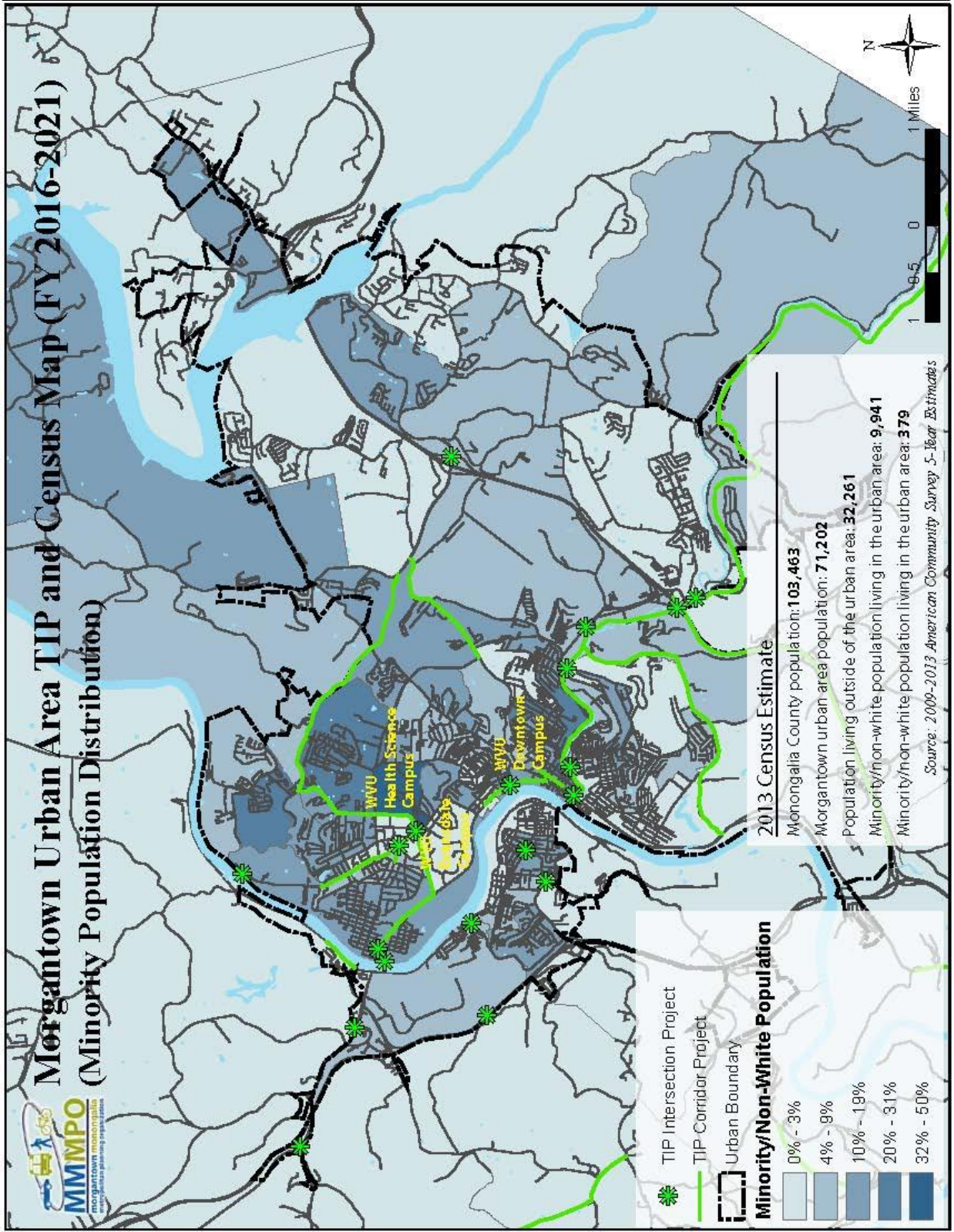
A higher percentage (19.8%) or 20,447 of Monongalia County residents report that they are at or below the poverty level than any of the other groups examined. Over 15.3% (2,734) of these residents reside outside of the urban area. Overall the urban area has a significantly higher density poverty level 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.











IX-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	PHASE(S)	LENGTH IN MILES	FEDERAL PROGRAM	ED PROJ NUMBER	TOTAL PROJECT COST		
WV 7	SABRATON PARK AND RIDE	EXP PK & RIDE ADD LIGHT	CON		CMAQ	CMAQ-0792(174)D	\$647,000		
WV 7	BLACKSVILLE ROAD	RESURFACING	2.6 CON	2012-2013	NH	NH-0007(241)D	\$1,099,000		
WV 7	DUNKARD BEACH T-BEAM BR REP	BRIDGE REPLACEMENT	CP,RW,CON	2011-2012	BR	BR-007(177)D	\$2,730,000		
WV 7	WV7/CR64 TURN LANE	CMAQ	CON	2011-2012	CMAQ	CMAQ-0007(236)D	\$229,000		
WV 7	WV7AT I-68 IMPROVEMENT	TRN LANE & SIGNAL	CON	2011-2012	CMAQ	CMAQ-0007(233)D	\$626,000		
US 19	I/S DENTS RUIN/COMMERCE DR/US19	RENEW SIGNAL	CP,CON	2012-2013	HSIP	HSIP0019(316)D	\$314,000		
US 19	BEECHURST/UNIV. AVE	CONST TURN LANES	0.08 CP,RW,CON	2010-2011	STP	STP-0019(316)D	\$3,533,000		
US 19	MONONGAHELA BLVD	RESURFACING	1.06 CON	2010-2011	STP	STP-0019(370)D	\$727,000		
CO 45	RIVER ROAD	CORRECT SLIDE	0.01 CON	2009-2010	STP	STP-0045(057)D	\$1,010,000		
CO 53	FORT MARTIN ROAD	CIP RECYCLE/DRAINAGE	1.67 CON	2012-2013	STP	STP-0053(010)D	\$1,175,000		
CO 64/3	CARNEGIE AVE BRIDGE	OVERLAY	CON	2014-2015	STP	STP-0643(002)D	\$159,000		
I-68	SIGNING	RENEW SIGNS	CP,CON	2014-2015	NHG	NHG-0068(133)D	\$1,773,000		
I-68	CHEAT LAKE BRIDGE	BRIDGE REPAIR	0.88 CON	2009-2010	STIMULUS	ERP-0068(139)D	\$6,413,000		
I-68/I-79	UFFINGTON BRIDGE	REPLACE JOINTS	0.56 CON	2013-2014	NHS	NHHS-0793(237)D	\$574,000		
I-79	CORP BENNETT BRIDGE	OVERLAY	0.57 CON	2009-2010	BR	BR-NBIS(339)E	\$528,000		
I-79	WESTOVER BRIDGE	OVERLAY	CON	2008-2009	STIMULUS	ERP-0793(222)D	\$1,264,000		
Various Locations	BOPARC EQUIPMENT	ACQUISITION	CON	2013-2014	NRT	NRT-2009(069)D	\$41,000		
WV 100 (MAIN ST-GR)	DENTS RUN BR TO EVERLY	CONST SIDEWALK	CON	2009-2010	STIMULUS	ERP2009(170)D	\$782,000		
WV 100 (MAIN ST-GR)	ROGERS ST TO EVERLY	CONST SIDEWALK	TEA	2009-2010	TE	TEA-0122(001)D	\$327,000		
WV 705	WV 705@RUBY MEM HOSP	INTERSECTION IMP	0.01 CON	2010-2011	TCSP	TCSP-10WW(001)D	\$938,000		
US 19	DUNKARD AVE/US 19 INTERSECTION	CON SIDEWALK/CURB	CON	2009-2010	TEA	TEA-OH22(001)D	\$84,000		
DUNKARD AVE	RICHMOND-WESTERN	CON REP SIDEWALK	TEA	2010-2011	TE	TEA-0122(001)D	\$322,000		
MON RIVER TRAILS	VAN VOORHIS TRAILHEAD	EQUIPMENT PURCHASE	CON	2014-2015	NRT	NRT-2011(040)D	\$151,000		
US 119	MORGANTOWN HIGH ST	REPL CURB/LIGHTING	CON	2010-2011	TE	TEA-OH22(001)D	\$411,000		
STAR CITY	CO 55-STAFFORD ST	SW/LIGHTING/LANDSC	CON	2012-2013	TE	TEA-OH22(001)D	\$178,000		
WV 43	MON-FAY EXPWAY I-68 TO CO 857	CON 4 LANE	0.33 CP,RW/CON	2010-2011	STIMULUS	ERP-0109(0130)	\$34,652,000		
WV 43	MON-FAY EXPWAY CO 857&88/1 TO	CON 4 LANE BRIDGE(2)	0.76 CON	2011-2012	STIMULUS	STNH-0043(124)	\$26,047,000		
US 113 (TAYLOR CO	TAYLOR CO LINE-CO 83	RESURFACING	2.75 CON	2010-2011	STP	STP-0119(347)D	\$640,000		
US 119	HIGH ST INT IMPROVE	CON	CON	2014-2015	TEA	TEA-0122(001)D	\$438,000		
US 119	FROM 119/19 TO CR77	RESURFACING	2.42 CON	2014-2015	STP	STP 0019(380)D	\$935,000		
US 119	US 119 SIGNAL SYS @ I-68	INSTALL SIGNAL	CON	2010-2011	HSIP	HSIP0119(345)D	\$284,000		
US 119	MORGANTOWN ROAD	.51MN I-68 TO .32 MN BR	2 CON	2014-2015	NHS	NHS-0119(390)D	\$1,332,000		
US 119	STEWARTSTOWN RD-705-705/119	RECON IS WW705/119	CON/RW	2014-2014	STP	STP-0119(370)D	\$11,666,000		
CO 19/13	GLADESVILLE RD 119/13-CR 85	COLD IN PLACE RECYCLE	1.18 CON	2014-2015	STP	STP1913(001)D	\$537,000		
WV 705/WV 857/US 19	SIGNING	REN SIGNS	CON	2009-2010	CMAQ	CMAQ-705(010)D	\$183,000		
WV 705	I/S WV 705/PINEVIEW DR	INSTALL PED SIGNAL	CON	2009-2010	HSIP	OCRO-0705(012)	\$16,000		
I-68	MPO-MD STATELINE	PAVEMENT MARKING	32.06 CON	2013-2014	HSIP	HSIP-0068(152)DTC	\$2,408,000		
MON RIVER TRAILS	PURCHASE DUMP TRUCK		CON	2013-2014	NRT	NRT-2012(694)D	\$79,000		
CO 857	REPLACE DECKERS CR BRIDGE	BRIDGE REPLACEMENT	CP/CON	2013-2014	BR	ACBR-0857(014)D	\$550,000		
CO 857	US 119/I-68 EB OFF RAMP	RESURFACING	CON	2010-2011	NH	NH0857(015)D	\$1,249,000		
CO 857	US 119/I-68 WB OFF RAMP	INSTALL REN SIGNAL	CON	2010-2011	NH	NH0857(017)D	\$343,000		
CO 857	ICES FERRY BRIDGE	REPLACE BRIDGE	0.16 CP/CON/RW/BR	2010-2011	BR	BR-857(008)D	\$18,227,000		

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
- 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 _____

DRAFT UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2016-2017



MORGANTOWN MONONGALIA METROPOLITAN PLANNING ORGANIZATION

Adopted:

Amended:

Morgantown Municipal Airport
82 Hart Field Road Suite 105
Morgantown, WV 26508
(304) 291-9571 phone
(304) 291-9573 fax

INTRODUCTION

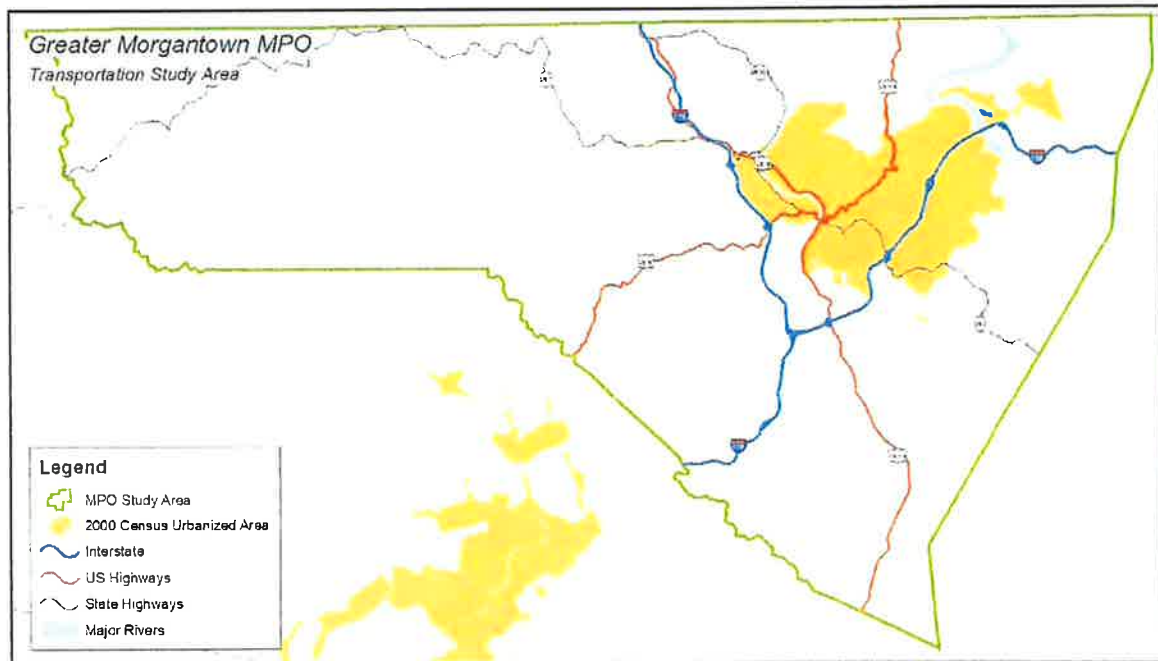
In accordance with Federal Regulations this document outlines the budget for the Morgantown Monongalia MPO. It provides information about the work the MPO will be performing in the upcoming year and summarizes the funding that will be used to accomplish that work.

STUDY AREA

The Morgantown Monongalia MPO covers Monongalia County including the municipalities of Blacksville, Granville, Morgantown, Star City, and Westover.

The MPO's Policy Board may include representatives from:

1. Monongalia County (pays one half of any local match requirements) - three county commissioners
2. City of Morgantown (pays one half of any local match requirements) - three council members
3. City of Westover — one elected representative
4. Town of Star City — one elected representative
5. Town of Granville — one elected representative
6. Town of Blacksville — one elected representative
7. Mountain Line Transit Authority — one representative
8. Monongalia County Board of Education — one representative
9. West Virginia University — one representative
10. West Virginia Department of Transportation — MPO liaison



Prepared By: Morgantown MPO 02/16/2005 Source: US Census Bureau

Accomplishments

During Fiscal Year 2015-2016 the Morgantown Monongalia MPO worked with the West Virginia Department of Transportation and the area's local governments to improve transportation in the area. The MPO's efforts were focused on the implementation of the area's 2040 Long Range Transportation Plan and further defining the projects identified in that Plan. Please find below a short description of these activities.

As provided for in the MPO's Long Range Transportation Plan MPO staff oversaw the development of two studies to further define projects identified in the Long Range Transportation Plan. These studies, the I-79 Access Study and the University Avenue Complete Streets Study were designed to develop a community consensus about the need for improvements to the transportation network and to develop the information needed to seek funding for the implementation of the projects.

In addition to the two consultant led studies noted above MPO staff has been working with representatives of Granville and Westover to develop a pedestrian plan for those communities. This work is consistent with the Long Range Transportation Plan recommendation that the MPO develop a region wide pedestrian plan.

The MPO Staff has recognized the need to expand their technical capabilities to better serve Monongalia County and Monongalia County's communities. To this end professional development has been an important element of Staff's direction. The MPO's Planner II has successfully qualified for three professional certifications during calendar year 2015. During this time period he successfully qualified for the Certified Bicycle Safety Instructor, the Institute of Transportation Engineers Professional Transportation Planner certification, and the LEED (Leadership for Energy, Environment and Design) Neighborhood Development Professional certification. These certifications have greatly enhanced the MPO's capacity and will allow MPO Staff to perform work that in the past would not have been performed or which would have to be performed by a consultant.

During FY 2015-2016 MPO Staff worked with the MPO Policy Board to review and revise the MPO's Public Involvement Policy. A new Public Involvement Policy was adopted as a result of this work. MPO Staff also developed a new Transportation Improvement Program for adoption by the MPO Policy Board.

Another priority for MPO staff has been working on strategies to acquire funding to implement the Plan. During 2015-2016 MPO Staff and MPO Policy Board members have worked closely with legislators and the Chamber of Commerce's Transportation Committee to develop legislation for local funding initiatives.

The first traffic counts for the MPO's annual traffic count program were taken in April of 2011. The MPO has sponsored counts every year since those first counts. In every year since its inception the MPO has expanded the count program by adding additional locations as well as recommended by representatives of the MPO's member communities and consultants. These counts will allow the MPO to analyze changes to the area's traffic patterns as well as provide valuable information to the private sector. The

MPO has prepared a map of these locations with count volumes over time. The map is available on the MPO's website.

In addition to the traffic count program MPO staff maintained a traffic accident data base developed during the previous fiscal year using information from WVDOH and from Monongalia County MECCA 911. This data covered approximately three years. The data was used in the MPO project prioritization process and will be used in the future to identify high incident locations. MPO Staff was also granted access to the WVDOH accident data base during FY 2014-2015, however WVDOH has warned that this data is incomplete and should not be publicly distributed. MPO staff has utilized this data to identify potentially problematic locations on a limited basis.

The MPO has been working with Mountain Lines Mobility Coordinator to implement Transportation Demand Management programs in coordination with several large employers including WVU, Monongalia General Hospital, NETL, Mylan Pharmaceuticals and WVU Health Services. The vanpool effort was dormant for a short portion of FY 2012-2013 due to staff turnover. During FY 2013-2014 MPO staff working with Mountain Lines Mobility Coordinator instituted a coordinated advertising campaign and a redefined incentive package for new van pools. The momentum from this effort continued in the FY 2015-2016 when as of this writing three van pools have completed their participation in the van pool program with a fourth van pool continuing to receive funding from the MPO's grant.

MPO Staff has also assisted Monongalia County, Star City and the City of Morgantown in evaluating the impact of ongoing development on the transportation network as new development is proposed. MPO Staff also performed an operational evaluation of a portion of Beechurst Avenue at Campus Drive. This evaluation was provided to WVU and WVDOH to assist them in evaluating potential changes to the configuration of Beechurst Avenue. MPO staff hopes to provide more of this type of assistance in the future.

MPO Staff also began working in 2013-2014 with the other MPO's across the State to develop an MPO Association to share best practices in transportation planning and to enhance coordination with WVDOT. This effort continued in FY 2015-2016 and it is anticipated to continue into FY 2016-2017.

As a part of the MPO's ongoing process the MPO considered numerous TIP Amendments which were considered in depth by the MPO's committees. MPO Staff also performed numerous administrative duties as such as participating in the audit process.

FOCUS FOR FISCAL YEAR 2016-2017

Local initiatives:

Major initiatives to be under taken this year include:

MPO Staff will undertake an update of the 2040 Long Range Transportation Plan. This work has previously been performed by consultants. This will be the first update to be performed solely by MPO Staff. This will be a minor update of the MPO's Plan, it is anticipated that the next major update of the MPO's plan will take place in the 2020 to 2021 timeframe.

Work to be performed in the Plan Update will include, updating the model to include modifications to the area's street network not included in the model by the 1-79 Access Study. Modifying the MPO's future year model to reflect changes in population and employment anticipated to occur between 2040 and 2045 as well as including projects currently included in the MPO's Transportation Improvement Program that will have been built before 2045. This work will lead to the development of a current year and a future year deficiency analysis using both model outputs and traffic accident data to evaluate the need for and efficacy of existing and proposed projects during the LRTP Update.

The update will include an extensive public outreach process. The public involvement process will examine the current LRTP's goals and objectives, growth anticipated to occur in the area, the need for particular projects identified in the Long Range Transportation Plan, and the priority that should be assigned to those projects. The update will also seek to identify any additional projects that may need to be included in the updated LRTP. The update will also identify the fiscal constraints on implementing the Plan. It is also anticipated that the Update will update the performance measures to be used to evaluate how effectively the Plan is being implemented. The development of the performance measures will be tied to the development of statewide performance measures identified by WVDOT.

MPO Staff will also continue work to develop potential local funding sources to implement the LRTP. Staff has been working with a committee from the Chamber of Commerce as well elected representatives to address this issue.

Other tasks:

The MPO will continue to update the annual traffic count database with counts taken for the MPO as well as counts taken by other local agencies. The first counts for this database were taken in April of 2011 and April 2012. This database provides the MPO with base data, which may be used to project the future growth of traffic, as well as, to provide decision makers with complete information about the existing conditions in the area. This data will continue to be available to the public at large for use in developing business plans and other marketing efforts and to the area's municipalities so they may evaluate the impact of proposed new development in the area. The traffic counts will be of use to the MPO in assessing the Long Range Transportation Plans model as well as in identifying area's where

operational improvements to the road network may be needed. The information will also be useful to the Division of Highways when planning operational improvements to the area's transportation facilities. This data will be supplemented with data from the MPO's traffic accident data base which will also be updated during FY 2016-2017.

MPO Staff will continue ongoing administrative functions including scheduling and staff meetings, preparation of minutes and other arrangements for the MPO's standing committee meetings. Staff will continue preparation of Transportation Improvement Program amendments, preparation of the budget, performance of human resource functions and intergovernmental relations and public involvement activities. Staff will also continue to provide technical assistance to area municipalities as well as the Bike Board and the Pedestrian Board. Staff will also review the MPO's Public Involvement Policy to determine the need for an update to its provisions.

BUDGET ITEMS BY MAJOR CATEGORY

The Project codes used in this document refer to the work codes identified in the MPO's Prospectus.

II-A Continuing Transportation Planning Activities-Surveillance of Inventory Data

II-A-1 Traffic Counts- MPO will continue the annual traffic count program. The initial program included 58 locations counted in the spring of 2012. As of the 2015 counts the MPO has 74 count locations around the urbanized portion of the County. The data collected includes daily directional traffic volumes, peak period traffic volumes and vehicle classification counts at selected locations. These counts supplement traffic counts taken every three years in the area by the Division of Highways and they will be used both as base data for traffic modeling efforts and as information for decision makers as they consider the impact of proposed development in the area. These counts will be performed by a consultant team already on contract with the State of West Virginia to perform these services. The MPO will also seek to augment these counts by upgrading traffic count technology to have the capability to collect data on both bicycle and pedestrian travel at selected points.

II-A-4 Traffic Accidents-MPO Staff will continue to collect, quantify and locate traffic accident data as it becomes available.

II-A-10 Mapping- The MPO is using ArcGIS to work with Monongalia County to share data. This work will also include supplementing the County's recently acquired aerial photography with additional data. MPO Staff will use GIS mapping to identify essential service locations, i.e. employment, health care services, school/educational resources and recreational resources to ensure that there is adequate access to these crucial facilities as part of the Long Range Transportation Plan Update. This analysis is in keeping with the US Department of Transportation's Ladders of Opportunity initiative.

II-B Long Range Transportation Plan Development

II-B-3 Travel Model Update-MPO Staff will perform a minor update of the travel demand model as developed for the I-79 Access Study to incorporate any changes in the existing and committed roadway network that were unanticipated by the I-79 Access Study as well as any changes in the socio-economic data expected between 2040 and 2045.

II-B-5 Forecast of Data-MPO staff will update the current LRTP's future socio-economic data from 2040 to 2045.

II-B-6 Community Goals-MPO Staff will seek a thorough public review and evaluation of the current LRTP's Goals and Objectives as part of the update of the LRTP.

II-B-8 Deficiency Analysis-MPO staff will perform a deficiency analysis of the transportation network for the current year and 2045.

II-B-9 Highway Element- The MPO will update the LRTP Transit Element to include recent studies performed for the MPO and to reflect changes identified in the LRTP update process. MPO Staff will

include information on these activities in the LRTP Update Public Involvement outreach and seek input from the public on new facilities and planning efforts that may be included in the update of the LRTP.

II-B-10 Transit Element- The MPO will update the LRTP Transit Element to include recent studies performed for Mountain Line Transit and to reflect changes identified in the LRTP update process. MPO Staff will include information on these activities in the LRTP Update Public Involvement outreach and seek input from the public on new facilities and planning efforts that may be included in the update of the LRTP.

II-B-11 Bicycle and Pedestrian Planning- MPO staff will update the LRTP to include recent Bicycle and Pedestrian planning activities undertaken by MPO and local agencies since the adoption of the last LRTP. MPO Staff will include information on these activities in the LRTP Update Public Involvement outreach and seek input from the public on new facilities and planning efforts that may be included in the update of the LRTP.

II-B-13 Collector Street Planning- MPO Staff will provide support to area municipalities in reviewing proposed development to insure that the proposed collector streets are adequate. Staff will also review proposals to insure that the proposed connection between major arterials and collector streets are consistent with the capacity anticipated in the Long Range Transportation Plan. As a recognized best practice for MPO's, Staff will incorporate Health Impact Assessments into specific MPO planning products as appropriate.

II-B-15 Freight Planning-MPO staff will enhance the freight element of the LRTP in the LRTP Update. Activities will include developing a freight stakeholder committee for the update and potentially as a new standing committee of the MPO, identification of freight corridors in the LRTP, and identification of issues associated with freight movement in the area. All forms of freight transportation including rail, and water transportation will be considered as appropriate.

II-B-16 Financial Planning- MPO Staff will continue to work for the development of funding streams for transportation and implementing the LRTP.

II-B-17 Congestion Management Strategies- MPO staff will review and coordinate with WVDOT/DOH on potential congestion mitigation strategies including ongoing TDM activities. MPO staff will also work with Mountain Line staff on the van pool program. MPO Staff will continue to provide information on operational improvements that may assist in the mitigation of congestion including an ongoing study of signalization improvements and the operation of the downtown Morgantown street network being conducted by the State.

III Administration

III-A Planning Work Program

MPO staff will monitor the revised Planning Work Program process to insure it is being adequately implemented. Staff will also develop the 2017 Planning Work Program.

III-B Transportation Improvement Program

MPO staff will update the TIP as needed. The MPO will also update the TIP Priority List as a result of the LRTP update.

III-C-6 Public Involvement

The MPO will continue ongoing public involvement activities associated with the amendments of the TIP. The MPO will continue to televise Policy Board Meetings. Staff also anticipates increased public involvement activities associated with the implementation of the recommendations of the Transportation Demand Management Study, the Long Range Transportation Plan update and the Transportation Demand Management initiative. MPO Staff will also implement the requirements the MPO's revised Public Involvement Policy to ensure successful outreach to the public.

III-C-7 Private Sector Participation-The MPO will seek to encourage private sector participation wherever possible with projects as they move forward. This effort will immediately focus on the implementation of the MPO's TDM Project, as well as, involving the private sector in the development of the LRTP.

III-D-1 Transportation Enhancement Planning-MPO Staff will provide assistance with enhancement planning activities as requested by area agencies. It is anticipated that this work will focus on bicycle and pedestrian projects identified in the LRTP.

III-D-2 Environmental Coordination-MPO Staff will work with WVDOH to environmental resource agencies with information on projects proposed in the updated Long Range Transportation Plan to help ensure that environmental concerns are recognized as potential projects move forward to implementation.

III-D-3 Special Studies-MPO Staff will initiate special studies as required.

III-D-4 Regional or Statewide Planning-MPO staff will reach out to regional partners to develop relationships on issues they may have in common with our MPO as part of the LRTP Update. This outreach is in accord with the FHWA/FTA Regional Models of Cooperation initiative. MPO staff will also assist WVDOT and the WV MPO Association on regional and or statewide issues including the transition to Performance Based Planning as required by current legislation.

III-E Management and Operations This line item includes normal administrative functions such as the cost of the MPO audit, supplies, rent, insurance and other administrative costs.

The allocation of resources to each of the Work Tasks may be found on the following tables:

Draft Morgantown Monongalia MPO FY 2015 2016 Budget

Morgantown Monongalia Metropolitan Planning Organization Operating Budget FY 2016-2017

Revenues and Expenditures By Major Category

Task Number	Task Item	Category	Consolidated Federal Planning Funds	WVDOT	City/County/MPO	Other	Total Cost Allocation
II-A	Inventory of Facilities						
	1	Traffic Counts	15,200	1,900	1,900		19,000
	4	Traffic Accidents	6,400	800	800		8,000
	10	Mapping	7,200	900	900		9,000
	12	Bicycle and Ped Fac.	6,400	800	800		8,000
		Total	35,200	4,400	4,400		44,000
II-B	L RTP						
	3	Travel Model Update	3,200	400	400		4,000
	5	Forecast of Data	4,800	600	600		6,000
	6	Community goals	9,600	1,200	1,200		12,000
	8	Deficiency Analysis	8,000	1,000	1,000		10,000
	9	Highway Element	8,000	1,000	1,000		10,000
	10	Transit Element	8,000	1,000	1,000		10,000
	11	Bicycle and Ped.	8,000	1,000	1,000		10,000
	13	Collector Street	1,600	200	200		2,000
	15	Freight Planning	9,600	1,200	1,200		12,000
	16	Financial Planning	5,600	700	700		7,000
	17	Cong. Mgmt. Strat.	6,400	800	800		8,000
		Total	64,800	8,100	8,100		91,000
III	Admin.						
	A	Work Program	4,000	500	500		5,000
	B	TIP	3,200	400	400		4,000
	C-6	Public Involvement	9,600	1,200	1,200		12,000
	C-7	Private Sector	3,200	400	400		4,000
	D-1	Enhancement Plan	3,200	400	400		4,000
	D-2	Env. And Pre-TIP	1,600	200	200		2,000
	D-3	Special Studies	2,400	300	300		3,000
	D-4	Regional and State	8,000	1,000	1,000		10,000
	E	Management and Ops	48,000	6,000	6,000		60,000
		Total	\$83,200	\$10,400	\$10,400	\$0	\$104,000
Grand Totals - All Programs			\$183,200	\$22,900	\$22,900		\$239,000

DRAFT Morgantown Monongalia MPO Operating Budget FY 2016-17

Line Item Fixed Operating Expenses				
Category	Consolidated Federal Planning Funds	WVDOT	City/County	Total Cost Allocation
Salaries				
Director	\$ 67,853.66	\$ 8,481.71	\$ 8,481.71	\$ 84,817
Planner 2	\$ 38,467.44	\$ 4,808.43	\$ 4,808.43	\$ 48,084
Benefits (see below)	\$ 43,299.35	\$ 5,412.42	\$ 5,412.42	\$ 54,124
Contracted/Capital Expenses				
Contracted Services	\$ 14,400.00	\$ 1,800.00	\$ 1,800.00	\$ 18,000
Consulting Services	\$ 800.00	\$ 100.00	\$ 100.00	\$ 1,000
Computer Equipment	\$ 2,400.00	\$ 300.00	\$ 300.00	\$ 3,000
Software	\$ 2,400.00	\$ 300.00	\$ 300.00	\$ 3,000
Public Notices/Publishing	\$ 2,400.00	\$ 300.00	\$ 300.00	\$ 3,000
Overhead				
Travel & Training	\$ 8,000.00	\$ 1,000.00	\$ 1,000.00	\$ 10,000
Office Rent	\$ 7,200.00	\$ 900.00	\$ 900.00	\$ 9,000
Utilities (phone, internet, web site)	\$ 3,200.00	\$ 400.00	\$ 400.00	\$ 4,000
Copier lease, supplies, postage	\$ 800.00	\$ 100.00	\$ 100.00	\$ 1,000
Total	\$ 191,220.45	\$23,902.56	\$ 23,902.56	\$ 239,026
Employee Benefit Expenditure Detail (Calculated on Total Wages = \$132,901)				
Description	Consolidated Federal Planning Funds	WVDOT	(City/County)MPO	Total Cost Allocation
FICA (6.2%)	\$ 6,591.91	\$ 823.99	\$ 823.99	\$ 8,239.89
Worker's Compensation (2.3%)	\$ 2,445.39	\$ 305.67	\$ 305.67	\$ 3,056.73
Medicaid (1.45%)	\$ 1,541.66	\$ 192.71	\$ 192.71	\$ 1,927.07
Retirement (14.0%)	\$ 14,884.95	\$ 1,860.62	\$ 1,860.62	\$18,606.19
Health Insurance (PEIA expected 3% increase)	\$ 16,286.87	\$ 2,035.86	\$ 2,035.86	\$20,358.59
Dental & Vision Insurance (2015 rates)	\$ 1,548.58	\$ 193.57	\$ 193.57	\$ 1,935.72
Total Employee Benefit Package				\$54,124.19

DRAFT Morgantown Monongalia MPO Operating Budget FY 2016-17

Cost Allocation Rate Table

All work performed outside program areas shall be charged at an hourly rate to cover actual expenses. Reimbursement/allocation rates are as follows:

Position	Hourly Rate	
Executive Director	\$ 62.16	Incl. benefits + Overhead/Contract
Planner II	\$ 39.30	Incl. benefits + Overhead/Contract
Additional Travel	Monongalia County Rate as adjusted	

Note: The Director and the Planner II are salaried positions. Therefore, all holidays, vacation and sick leave benefits are included in the base wage rate and shall be calculated on an hourly basis using a 2080 hour work year as the base line.



82 Hart Field Road Suite 105
Morgantown WV, 26505
www.plantgether.org

MINUTES

MPO Transportation Technical Advisory Meeting
Morgantown Airport Terminal Building 1st Floor
Morgantown Monongalia MPO Conference Room
Nov 10, 2015
1:30 PM

Members Present

Donny Williams-WV DOH, Dave Bruffy-MLTA, Fouad Shoukry-WV DOH, Chris Fletcher-City of Morgantown, Damien Davis-City of Morgantown, Rich Wood-Monongalia County Planning, Elwood Penn-WV DOH, Brian Carr-WV DOH, Bill Austin-MMMPO

Members Absent

Ron Snyder, Clement Solomon, James Meadows, Arlie Forman

Others Present

Jing Zhang-MMMPO
Lara Smith-Stahl Sheaffer Engineering

1. Call to Order

Mr. Austin called the meeting to order at 1:30 PM.

2. Approval of the Minutes

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

Mr. Austin noted that Mr. Shoukry will report the status of DOH projects at the beginning of this meeting. Mr. Shoukry noted that the park-and-ride parking lot at the cheat lake area is ready for public use. Mr. Bruffy noted that the Mountain Line will seek opportunities to install shelter at that parking lot.

Mr. Shoukry the noted that WVU is seeking to add an additional left turning lane at the Mountaineer Station parking lot driveway to the Van Voorhis Rd (WV 705). Mr. Shoukry noted that the parking lot has approximately 1, 500 parking space and it would be prudent to identify the traffic pattern at that intersection before a decision is made. Mr. Shoukry also noted that the traffic signal is not efficiently

coordinated on WV 705 from Van Voorhis Rd to Pineview Dr. He suggested re-timing the signal to improve traffic flow on that segment of WV 705.

Mr. Carr noted that the DOH is considering removing the WV 705 Plus-One project from the STIP due to the lack of feasible alternatives to improve that intersection. Mr. Austin noted that University Ave Complete Streets Study will provide improvement recommendations at that intersection. He suggested that DOH retain this project and consider the alternatives recommended by the Complete Streets study.

Mr. Fletcher asked about the traffic control plan for the 3-way intersection near the newly constructed Sheets gas station at the Downtown Morgantown. Mr. Shoukry noted that it might be necessary to conduct a study to understand the traffic pattern near that gas station.

3. Draft 2016 Meeting Schedule

Mr. Austin noted that the draft 2016 meeting schedule was enclosed in the meeting package. Mr. Austin noted that one meeting date that needs to deviate from the normal schedule is the TTAC meeting in November, due to the conflict with the election on November 8th. The November TTAC in 2016 will be on November 9th, Wednesday. Another conflict is on May 10, the May TTAC meeting and the County's election. Mr. Austin suggested to move the May TTAC meeting to May 11. Mr. Wood moved to recommend adoption of the draft 2016 meeting schedule to the Policy Board; seconded by Mr. Fletcher. With no discussion, the motion was unanimously approved.

4. Public Involvement Policy

Mr. Austin noted that the draft policy was released for public comment and will have completed the required 45 day comment period on November 14th. To date there have not been any substantive comments on the content of the draft policy. Mr. Wood moved to recommend adoption of the draft policy to the MPO's Policy Board pending any substantive comments that may be received from the Public; seconded by Mr. Fletcher. With no discussion, the motion was unanimously approved.

5. Review of information for new TIP

Mr. Austin noted that MPO staff has begun developing a draft TIP for FY 2016-2021. The draft plan is expected to be released to the public for a 30-day comment period no later than December 3 and be considered for adoption at the January MPO Policy Board meeting. Mr. Austin noted that the current TIP will expire in March 2016. Mr. Penn noted that the projects listed in the final 3 years of the draft TIP are for informational purposes only. Mr. Fletcher noted that it will be helpful to associate the LRTP goals with each TIP project and show that association in the table in the TIP

6. Update on University Avenue Complete Streets Study and I-79 Access Study

Mr. Austin noted that for the University Ave Complete Streets Study, initial recommendations to improve the University Corridor have been made by the consultant, based on the public input and the existing condition analysis. The recommendation will be reviewed by the steering committee and the public in the November-January timeframe. Mr. Fletcher noted that to improve Grumbein's Island, the frequency of

bus service should be identified and counted in the site design. Mr. Fletcher also noted that Grumbein's Island needs to have the capacity to accommodate fire trucks in emergency conditions.

Mr. Austin noted that the I-79 Access Study completed the data collection and traffic modeling stage and the consultant will host a public meeting on December 3rd at the MLTA Westover Administrative Building. The purpose of the meeting is to present the outcome of existing condition analysis and to solicit community opinions on traffic issues and concerns.

7. Update on Granville/Westover Pedestrian Study

Mr. Austin noted that MPO staff is in the process of collecting community inputs for the Westover-Granville Pedestrian Study. MPO staff will use findings from the public involvements, committee's opinion, and technical analysis to identify potential improvement projects. Identified projects will be evaluated in the next stage of this study.

8. Input on MPO Unified Planning Work Program for FY 2016-17

Mr. Austin noted that the MPO is seeking input to the MPO's Unified Planning Work Program for FY 2016-2017. In addition to administrative function items, MPO staff is proposing that they perform the update of the MPO's Long Range Transportation Plan as the primary in-house work program. Tasks will include soliciting public input on project priorities, improving freight planning, updating project status, and updating MPO's travel demand model. Mr. Fletcher noted that it might be beneficial to coordinate the MPO's LRTP update with the Morgantown's Comprehensive Plan update.

9. Other Business

Mr. Carr asked if there is a public access to the pedestrian bridge over University Ave, which is proposed by the housing redevelopment at the corner of Pleasant St and University Ave in the Downtown Morgantown. Mr. Fletcher noted that public access will be provided according to the site plan.

10. Meeting Adjournment

There being no further business. The meeting adjourned at 2: 45 PM.

Morgantown Monongalia MPO TIP Amendments Map (January, 2016)

