



243 High Street Room 026  
Morgantown, WV 26505  
(304) 291-9571  
[www.plantgether.org](http://www.plantgether.org)

### Agenda

Policy Board  
Monongalia County  
Commission Chambers  
243 High Street  
Morgantown WV  
March 21, 2024  
6:00 PM

1. Call To Order
2. Public Comment Period
3. Approval of Minutes
4. Committee Reports
  - a. Citizens Advisory Committee
  - b. Finance
  - c. Executive Director
5. Presentation-WVDOH Traffic Engineering-Vulnerable Road Users Initiative
6. TIP Amendments and Adjustments
7. Draft Unified Planning Work Program
8. 2018-2022 Crash Report
9. Community Garden Program Update
10. Executive Directors Review
11. Other Business
12. Meeting Adjournment



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### Memorandum

**Date:** March 14, 2024  
**To:** Policy Board Members  
**From:** Bill Austin, AICP  
**Subject:** March 21, 2024 Policy Board Meeting Agenda Items

This memorandum is to provide you information on the action items under consideration at the March 2024 Policy Board meeting.

**-TIP Amendments and Adjustments-**Please see the memorandum concerning the proposed amendments attached to the agenda. The TTAC and the CAC both unanimously recommended approval of the TIP Amendments.

**-Draft Unified Planning Work Program-**Please find enclosed the draft UPWP for FY 2024-2025. This proposal is similar to the draft UPWP presented to the Policy Board in January. The UPWP proposes that both the City of Morgantown and the Monongalia County Commission would be asked to provide \$20,000 in match for the upcoming fiscal year. The propose budget includes a 5% cost of living increase for MPO Staff.

Since the January meeting staff has modified the draft UPWP to include the following items:

-Hiring a consultant to prepare a preliminary design/feasibility study for the proposed pedestrian overpass on Don Knott's Boulevard. The City of Morgantown will be providing the entire local match needed for this project.

-Preparation of a pedestrian safety study for University Avenue from Patteson Drive to Boyers Avenue in Star City by MPO Staff. This project is a priority for Star City and the City of Morgantown.

-Modify the budget to accommodate a 14% increase in the cost of medical insurance for staff. Staff received the notification of this change on March 8<sup>th</sup>. Previously staff had budgeted for a 10% cost increase.

Both the TTAC and CAC unanimously recommended approval of the UPWP.

**-2018-2022 Crash Report-**Please find included with the Agenda a report on crashes in the urban area for the period 2018 to 2022. The report was prepared from data provided to the MPO by WVDOH. **The report identifies high incident locations and corridors in the area in the recommendations section beginning on page 7.** The reports appendices also includes extensive mapping that may be accessed from the MPO's website [www.planttogether.org](http://www.planttogether.org) . Both the TTAC and CAC unanimously recommended adoption of this report.

**-Community Garden Program Update-**Since the Policy Board approved the MPO's Agreement with the City of Morgantown for the Community Garden Project MPO and City Staff have been seeking applicants for the program. As of this time there has been one incomplete application for the program. Also, due to the fact that no Policy Board members volunteered to serve on the applicant selection committee, MPO Chairman Statler appointed Andrew Gast-Bray and the MPO Executive Director as the MPO's members of the applicant selection committee. The City of Morgantown appointed Planning Director Rickie Yeager and Katherine Millette of the City's Public Works Department to represent the City on the selection committee. Due to a lack of qualified applicants the application date was extended until April 22.



## POLICY BOARD MEETING

Monongalia Board of Education  
1751 Earl L. Core Road. Morgantown. WV. 26505

January 18th, 2024, 6 PM

### **Members Present:**

Chairman Mike Kelly – Board of Education, Tom Bloom - Monongalia County, Mayor Bob Lucci – City of Westover, Ron Justice – West Virginia University, Steve Blinco – Star City, Bill Kawecki – City of Morgantown, Brian Carr – WVDOH, Sean Sikora – Monongalia County, Maria Smith – Mountain Line Transit Authority, Mayor Patricia Lewis - Town of Granville, Mayor Jenny Selin, Morgantown

**Others Present:** Christiaan Abildso, Jing Zhang, Jackie Peate

**MPO Director:** Bill Austin, AICP (Called in due to sickness.)

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### **1. Call to Order**

With a quorum present, Chairman Kelly called the meeting of the Morgantown Monongalia Metropolitan Planning Organization (MMMPO) Policy Board to order at 6:10 PM.

### **2. Public Comment**

There were no public comments.

### **3. Election of Officers**

Mr. Kelly noted that the Officer nominating Committee nominated Joe Statler for Chairman, Maria Smith as Vice-Chairman, and Mayor Lewis as Treasurer. Mr. Justice moved to approve the nomination; seconded by Commissioner Bloom. Without further discussion, the motion passed unanimously.

Ms. Smith acted as the Chair for the January meeting, as Mr. Statler was absent.

### **4. Approval of Minutes**

Mr. Justice moved to approve the minutes as presented; seconded by Mr. Kelly. With no discussion, the motion passed unanimously.

### **5. Committee Reports**

#### *a. Citizens Advisory Committee (CAC)*

Mr. Abildso stated that the CAC approved and discussed the Safety Improvement Targets. They recommended adding some safety enforcement measures such as speeding, red light running, and

distracted driving. The committee discussed and recommended the Pedestrian Study, and provided MPO Staff with feedback on the Crash Report.

*b. Finance Committee*

Mayor Lewis provided the Finance Committee Update. She provided the financial report for the month of November. The beginning balance was \$150,388.08, there were 4 deposits totaling \$39,683.43, 23 disbursements totaling \$59,368.24, leaving the ending balance at \$130,703.27. This carried over into December. There were no deposits in December, and there were 17 disbursements totaling \$94,929.90, leaving a balance of \$35,773.37

Commissioner Sikora moved to approve the Financial Report; seconded by Mr. Blinco. Without further discussion, the motion passed unanimously.

*c. Executive Director*

Mr. Austin apologized for calling in, as he was sick. Mr. Austin stated there was a scoping meeting with WVDOH for the Greenbag Rd. Design Project, and this project is moving forward. There is also a feasibility study being done for a pedestrian trail parallel to Greenbag Rd. The MPO is also helping the state prepare a RAISE grant for the City of Westover to do a design study for the entirety of Fairmont Road. Mr. Austin reminded the Policy Board that he will be out of town for two weeks in February. He also stated there will be a Crash Report presented to the Policy Board in March.

**6. Presentation – WVDOH Traffic Engineering – Vulnerable Road Users Initiative**

This presentation was moved to the March Policy Board meeting.

**7. Safety Performance Measure Targets**

Ms. Peate stated that each year the MPO needs to adopt performance measures for a variety of items. Please find enclosed with the agenda packet a memorandum identifying the proposed Safety Performance Measure targets for this year. The Safety Performance Management Measures support the State's Highway Safety Improvement Program (HSIP) and requires State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) to set HSIP targets for 5 safety performance measures (Fatalities, Fatality Rate, Serious Injuries, Serious Injuries, and Non-Motorist Combined Fatalities and Serious Injuries). According to 23 CFR § 490.209, MPOs must establish safety performance targets within 180 days of the State DOT establishing and reporting targets in the State HSIP annual report. Part of the MPOs federal funds is utilized for these targets. The CAC and the TTAC unanimously recommended the adoption of the proposed Performance Measures to the Policy Board.

Mr. Kelly moved to approve the Safety Performance Measure Targets; seconded by Mayor Lewis. Without further discussion, the motion passed unanimously.

### **8. Patteson Drive/Maple Drive Pedestrian Study**

Mr. Zhang and Ms. Peate, MPO Staff, stated that this study was initiated at the request of a CAC member. Staff collected data and analyzed the pedestrian movements as well as identifying the number of Mountain Line passengers that use the area under consideration. This study identifies the need for potentially significant changes to the pedestrian infrastructure in the area to improve safety. The TTAC and CAC reviewed the Study and unanimously recommended its adoption to the MPO Policy Board.

Mr. Blinco moved to approve the Patteson Drive/Maple Drive Pedestrian Study; seconded by Mr. Kelly.

The floor opened for discussion, and Mayor Selin asked about how this Study intersected with Patteson. This was an error, and MPO Staff will adjust the name of the Study to 705, as Patteson is not involved.

Commissioner Bloom asked what happens if the Board approves the study. He did not feel comfortable with the recommendations from the study, as he did not know enough about the analysis. Mr. Austin stated it is a preliminary study recognizing needs and issues that will be turned over to WVDOH if approved. They will evaluate the recommendations, and WVDOH is able to adjust as they see fit. Mr. Kawecki agreed with Commissioner Bloom, and raised concern.

Mr. Kawecki moved to substitute the original motion, and change it to accept the Study and pass it along; seconded by Commissioner Bloom.

Mayor Selin expressed appreciation for the Study.

Without further discussion, the motion passed unanimously.

### **9. Audit**

Mr. Austin stated the MPO's Audit for FY 2022-2023 is enclosed with the agenda packet. The auditor did not find any issues with the MPO's records. It is respectfully requested that the Policy Board accept the Audit.

Mr. Kawecki moved to accept the Audit; seconded by Mayor Selin. Mayor Lewis commented she reviewed the report as well, and the report looks fine. Without further discussion, the motion passed unanimously.

### **10. Agreement with the City of Morgantown for a Community Garden Program**

Mr. Austin explained the ongoing Greenbag Road project's environmental document found the need to mitigate the loss of a community garden. The City of Morgantown and the MMMPO proposed a community garden initiative to mitigate this loss. This proposal requested \$15,000 in Federal funds to purchase supplies and equipment for three or more community gardens throughout the urban area. This request was approved by the Federal Highway Administration and WVDOH as part of the approval of the environmental document for the construction of the

project. The City of Morgantown and the MMMPO have developed an agreement for the implementation of this initiative which includes the creation of an oversight committee consisting of representatives of the City and the MMMPO.

When this item was last discussed with the Policy Board, staff was asked if the community garden program moved forward and there was a delay or other concern with the Greenbag Road project, would the entities be responsible for reimbursing the funds spent. Staff asked WVDOH and FHWA about this concern, the response was that there would be no requirement to refund these funds to WVDOH or FHWA.

It is respectfully requested that the Policy Board approve the execution of this agreement by the Executive Director. A copy of the agreement is included with the agenda package. Staff anticipates that the City and the MMMPO will have a program in place for applicants to apply for these funds in February so any proposed community garden could begin in time for spring planting. It is respectfully requested that the Policy Board authorize the Executive Director to execute this agreement.

Mr. Kelly asked about the \$15,000 budget, and Mr. Austin said it was legal ease, and that the Steering Committee would not allow funds to go over.

Mr. Kawecki asked how this will be administered and how the money will be allocated. Mr. Austin said there have been discussion between Mr. Yeager and Mr. Tennant and MPO Staff. There will be a Steering Committee that reviews applications based on a well-defined criterion, and the money will mainly go towards seeds and setting up new gardens. Mr. Austin said there is already some local interest. He stated this agreement is the first step in getting the program started.

Commissioner Bloom raised concern about number 5 on the agreement. He wanted to know who is responsible for what. Mr. Austin clarified that the audit is the responsibility of the City of Morgantown. Commissioner Bloom expressed frustration with the Greenbag Rd Project.

Mayor Selin suggested updates for the group.

Commissioner Sikora asked who the intended recipients will be. Mr. Austin said we are looking for non-profit organizations, neighborhood associations, community groups, etc. No individuals. Commissioner Sikora asked if this program will affect the Greenbag Rd Project. Mr. Austin said this is a mitigation effort, and as long as there is a good faith effort, there will be no issues. Mr. Justice asked that the Board be updated as this project progresses. He raised concern about liabilities, and how to upkeep the garden. Mr. Kelly asked if this money can be used for purchase of property, Mr. Ausitn said it cannot be used for purchase of property, but can be used for raised beds and fencing.

Commissioner Sikora asked if there were groups interested, Mr. Austin said there were two organizations interested. Mayor Selin also said she has had many groups request community gardens, so there is an interest in the community. There needs to be a community aspect. Commissioner Sikora asked if a school could apply and be considered a community garden, Mr. Ausitn said yes.

Mr. Justice moved to approve the Community Garden Agreement with the City of Morgantown; seconded by Commissioner Sikora.

Without further discussion, the motion passed unanimously.

### **11. Bylaws Revision**

Vice Chair Smith stated that at the last meeting of the Policy Board the Board discussed potentially adding the President of the Morgantown Area Partnership (MAP) to the Policy Board. A subcommittee of the Policy Board consisting of Mayor Selin, Commissioner Bloom, Mr. Kelly, Mr. Statler and Mrs. Smith met to discuss the proposal. This subcommittee agreed that it would be appropriate to have the MAP President participate on the Board as a non-voting member for a two-year term. They also recommended that the Board could reappoint the MAP President at the end of the two-year period. The proposed language for this Bylaws Amendment is:

*Section 4. The MPO Policy Board may appoint the President of the Morgantown Area partnership, a broad-based community organization which has multiple organizations as members, as a non-voting member for a two-year term. As a non-voting representative this member will not be counted in the definition of a quorum. This representative may be reappointed by the Board.*

Vice Chair Smith stated that in addition to this provision, it is proposed to add the Morgantown Area Partnership as part one of the member agencies that are not to be responsible for the operating match of the MPO in Article 4 of the Bylaws. Other member agencies on this list are the Monongalia County Board of Education, WVU, and Mountain Line.

Mr. Justice moved to approve the Bylaws revision; seconded by Mr. Blinco. The motion passed unanimously.

Mr. Kelly asked if there are other non-voting members, and if so, who are they. Mayor Selin clarified that this is a part of a process to see if they will become a voting member. Commissioner Sikora asked what the purpose of a non-voting member was, and members responded that communication with them is important so that requests to Charleston fully reflect the needs of the community.

Commissioner Sikora asked if there could be a designee for the President of the Morgantown Area Partnership (MAP), as MAP is involved in many organizations and the board does not want to overwhelm them.

Mr. Blinco mentioned bringing in a person from the Cheat Lake area as it continues to develop.

There was a motion by Mr. Justice to amend the Bylaws revision to allow for the President of MAP to have a designee; seconded by Mr. Kelly. Without further discussion, the motion passed unanimously.

## **12. Draft Unified Planning Work Program Summary**

Mr. Austin noted that a memorandum identifying the work proposed for the upcoming Fiscal Year is included in the agenda packet for your information. This information includes a proposed budget which would require the MPO's local contributions to go up by \$2,500 for the City of Morgantown and \$2,500 from Monongalia County. Under the proposed budget both the City of Morgantown and the Monongalia County Commission would be asked to provide a total of \$20,000 in match for the upcoming fiscal year. We would appreciate any suggestions for work to be included in the Work Program for the upcoming year the TTAC may have. The complete UPWP will be presented for adoption at the March meeting. No action is required on this item.

Vice Chair Smith mentioned some numbers were incorrect with Operating Expenses for Software, and Mr. Austin said he will correct it.

Mr. Blinco asked what trail counters were, Mr. Austin clarified it counts users on the rail trail, and it is useful for the MPO Regional Demand Model.

## **13. Executive Directors Review**

Due to Mr. Austin calling in on the phone due to sickness, the board decided to move the Executive Directors Review to the March Meeting.

Mr. Justice moved to approve this action; seconded by Mr. Blinco. With no discussion, the motion passed unanimously.

## **14. Other Business**

Mr. Justice talked about working on the Tier 1 Richwood Ave project. He stated people and banks wanted to be certain about what they were funding. New zoning passed this week in the City of Morgantown for the Richwood Ave project. Due to this change, the process can move along. Mr. Justice wants to make sure the roadway infrastructure and signal is maintained correctly, and wants to make sure the correct entities can aid and be included in this process. Mr. Carr suggested reaching out to WVDOH.

Commissioner Sikora stated that the Chapel Hill Gateway Project is beginning, and discussion is happening with WVDOH on this interferes with the project at Exit 155, and how to make sure both continue smoothly.

Mayor Selin expressed congratulations to the new Vice Chair, Maria Smith.

## **15. Meeting Adjournment**

The meeting adjourned at 7:22 PM.



Morgantown - Mon County Trans. Planning Org.  
 Checking Account  
 As of January 31, 2024

10:45 AM  
 03/12/2024  
 Accrual Basis

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
Centra-Checking (voucher checks)								37,773.37
Depos	01/03/2024		WVDOH	Nov 2023	√	PL Funds (Funds)	21,280.00	59,053.37
Depos	01/03/2024		WVDOH	Downtown Study	√	Professional Fees	24,780.81	83,834.18
Depos	01/05/2024		Monongalia County	JPeate November	√	Salary	2,617.06	86,451.24
Check	01/15/2024	9607	Balestra Harr and Scherer CPA	2023 Audit	√	Accounting	-4,000.00	82,451.24
Check	01/15/2024	9608	City of Morgantown	User Fee	√	Salary	-130.00	82,321.24
Check	01/15/2024	9609	Morgantwon Area Partnership		√	Dues and Subscriptions	-350.00	81,971.24
Check	01/15/2024	9610	Public Employees Insurance Agency		√	Salary	-3,287.16	78,684.08
Check	01/15/2024	9611	Service Plus	November-December		Accounting	-331.00	78,353.08
Check	01/15/2024	9612	WV State Auditor	Audit	√	Accounting	-320.00	78,033.08
Check	01/15/2024	6187	Jing Zhang	Electronic Transfer	√	Salary	-1,659.79	76,373.29
Check	01/15/2024	6188	Jacqueline G. Peate	Electronic Transfer	√	Salary	-1,647.77	74,725.52
Check	01/15/2024	6189	J. William B. Austin	Electronic Transfer	√	Salary	-2,798.55	71,926.97
Check	01/15/2024	941	IRS	Electronic Transfer	√	Salary	-1,930.70	69,996.27
Check	01/15/2024	6190	ICMA. Retirement Corp		√	Salary	-2,158.69	67,837.58
Depos	01/15/2024		WVDOH	Deposit Dec 2023	√	Salary	21,004.06	88,841.64
Check	01/30/2024	6191	Jing Zhang	Electronic Transfer	√	Salary	-1,659.80	87,181.84
Check	01/30/2024	6192	Jacqueline G. Peate	Electronic Transfer	√	Salary	-1,647.76	85,534.08
Check	01/30/2024	6193	J. William B. Austin	Electronic Transfer	√	Salary	-2,798.56	82,735.52
Check	01/30/2024	6194	ICMA. Retirement Corp		√	Salary	-2,158.69	80,576.83
Check	01/30/2024	941	IRS	Electronic Transfer	√	Salary	-1,930.68	78,646.15
Check	01/30/2024	01202	WV Dept of Tax and Revenue	Electronic Transfer	√	Salary	-586.00	78,060.15
Check	01/30/2024	9613	Centra Bank - Mastercard	\$630 dues,\$305 web, misc soft	√	Travel & Ent	-990.09	77,070.06
Check	01/30/2024	9614	Fringe Benefits Management Company		√	Salary	-386.92	76,683.14
Check	01/30/2024	9615	Preston Videography	Jan PB mtg video	√	Public Notices	-200.00	76,483.14
Total Centra-Checking (voucher checks)								76,483.14

TOTAL

Morgantown - Mon County Trans. Planning Org.  
 Checking Account  
 As of February 29, 2024

10:55 AM  
 03/12/2024  
 Accrual Basis

Type	Date	Num	Name	Memo	Class	Cir	Split	Amount	Balance
Centra-Checking (voucher checks)									<b>76,483.14</b>
Deposit	02/01/2024		WVDOH	Deposit Dwntwn Study		√	Professional Fees (Profession:	53,580.00	130,063.14
Deposit	02/08/2024		Monongalia County	Deposit J Peate 1-24		√	Salary	2,617.06	132,680.20
Check	02/15/2024	9616	J. William B. Austin	Charleston mileage			Travel	-218.40	132,461.80
Check	02/15/2024	9617	Kimley Horn			√	Consulting	-37,050.00	95,411.80
Check	02/15/2024	9618	Public Employees Insurance Ag			√	Salary	-3,287.16	92,124.64
Check	02/15/2024	9619	Service Plus			√	Accounting	-200.30	91,924.34
Check	02/15/2024	6195	Jing Zhang	Electronic Transfer		√	Salary	-1,659.79	90,264.55
Check	02/15/2024	6196	Jacqueline G. Peate	Electronic Transfer		√	Salary	-1,647.77	88,616.78
Check	02/15/2024	6197	J. William B. Austin	Electronic Transfer		√	Salary	-2,798.56	85,818.22
Check	02/15/2024	6198	ICMA. Retirement Corp			√	Salary	-2,158.69	83,659.53
Check	02/15/2024	941	IRS	Electronic Transfer		√	Salary	-1,930.68	81,728.85
Deposit	02/20/2024		WVDOH	Deposit		√	PL Funds (Funds)	25,254.09	106,982.94
Check	02/29/2024	9620	Centra Bank - Mastercard				Computer Software	-417.24	106,565.70
Check	02/29/2024	9621	Fringe Benefits Management Co				Salary	-386.92	106,178.78
Check	02/29/2024	9622	Jacqueline G. Peate				Web Hosting	-54.58	106,124.20
Check	02/29/2024	9623	WV Board of Risk & Ins Mgmt				Administrative Overhead	-1,755.00	104,369.20
Check	02/29/2024	6199	Jing Zhang	Electronic Transfer		√	Salary	-1,659.81	102,709.39
Check	02/29/2024	6200	Jacqueline G. Peate	Electronic Transfer		√	Salary	-1,647.76	101,061.63
Check	02/29/2024	6201	J. William B. Austin	Electronic Transfer		√	Salary	-2,798.55	98,263.08
Check	02/29/2024	6202	ICMA. Retirement Corp				Salary	-2,158.69	96,104.39
Check	02/29/2024	941	IRS	Electronic Transfer			Salary	-1,930.68	94,173.71
Check	02/29/2024	02292	WV Dept of Tax and Revenue	Electronic Transfer			Salary	-586.00	93,587.71
Total Centra-Checking (voucher checks)									<b>93,587.71</b>

TOTAL



## Memorandum

Date: February 29, 2024

To: TTAC, CAC, and Policy Board

From: MMMPO Staff

**Subject: 2024 March - TIP Administrative Adjustment and Amendment**

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This memorandum is to document the amendments and administrative adjustments in the MPO's Transportation Improvement Program (TIP) for March, 2024.

### TIP Amendment

West Virginia Department of Transportation-Division of Highways (WV DOH) has requested the following TIP amendments:

- West Run Road (GO BOND 4): Total cost increase, Federal ID change. Federal ID: STP0671010D. Construction. FY2024. Improve intersection. Federal Funds: \$1,958,674, Total Funds: \$19,586,739
- Morgantown Industrial Park Access Rd: Move the ROW phase to state funded. Federal ID: STBG2023313D. Right-of-way. FY2024. Construct new road and bridge. Federal Funds: \$0, Total Funds: \$2,500,000

Mountain Line Transit Authority (MLTA) has requested the following TIP amendments:

- Revenue Rolling Stock Replacement 5339 (for purchase of revenue producing vehicles)  
FY 2024: Adjust federal funding from \$403,808 to \$212,455, Local funding from \$100,952 to \$53,114.  
FY 2025: Adjust federal funding from \$153,000 to \$453,486, Local funding from \$38,250 to \$113,372.

FY 2026: Adjust federal funding from \$153,000 to \$150,000, Local funding from \$38,250 to \$37,500.

FY 2027: Adjust federal funding from \$153,000 to \$150,000, Local funding from \$38,250 to \$37,500.

### **Administrative adjustments**

- Exist 152 NB and SB Ramps (AC PAYBACK). Construction phase. Federal ID: HSIP0119502D. - funding decrease
- Burrough St (AC PAYBACK). Construction phase. Federal ID: STP0592002D. - funding increase
- Rubble Run I-Bean. Engineering phase. Federal ID: STBG0071165D.- funding increase
- Dellslow Arch. Engineering phase. Federal ID: STBG0007341D - moved to 2025 and funding increase
- Smithtown W-Bean ROW. Federal ID: STBG0073098D - funding changes to \$0 for both state and federal funds

The following projects will be removed from the MMMPO TIP Highway Project Table, because their funds have been obligated:

- Smithtown Rd Traffic Signal. Construction phase. Federal ID: HSIP0119502D.
- Smithtown Rd Traffic Signal. Row of Way phase. Federal ID: HSIP0119501D.
- Dunkard Ave Sidewalks Phase V. Construction phase. Federal ID: TAP2018216D.
- US 119 Morgantown Lighting. Construction phase. Federal ID: NHPP0119493D.
- Interstate 68 Overpass. Row of Way phase. Federal ID: NHPP0119513D.
- Greenbag Rd (GO BOND 4). Construction phase. Federal ID: NFA2317022D.

**DRAFT**

# **UNIFIED PLANNING WORK PROGRAM**

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**FISCAL YEAR 2024 – 2025**



**Adopted:**

**Amended:**

Monongalia County Courthouse  
243 High Street Room 026  
Morgantown, WV 26505  
(304) 291-9571 phone  
(304) 291-9573 fax

# DRAFT

## INTRODUCTION

In accordance with Federal Regulations, this document outlines the budget for the Morgantown Monongalia MPO for Fiscal Year 2024-2025, which begins July 1, 2024. In addition to identifying the funding sources for work to be performed in the upcoming year, it also fulfills the requirement that the MPO provide a summary of the work the MPO has performed in the previous fiscal year.

## DEVELOPMENT OF THE UPWP

The MMMPO's Unified Planning Work Program is developed in consultation with the MMMPO's member agencies. The Unified Planning Work Program combines transportation planning funds from the Federal Highway Administration and the Federal Transit Administration into a single budget. Hence, the name Unified Planning Work Program. The process of developing the UPWP begins in November of the previous year when MPO staff requests that all member agencies including Mountain Line Transit provide us with any items they would like to see included in the upcoming years work program. A draft of the upcoming fiscal year work program is provided to the MPO's committee members including the Policy Board at their January meeting. The final document is submitted to the committees for adoption at the March meetings.

## 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 includes 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 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
11. Morgantown Area Partnership-one representative (non-voting)

## **Accomplishments**

During Fiscal Year 2023-2024 the MMMPO staff worked with the West Virginia Department of Transportation and the area's local governments to improve transportation in the region. The MPO's efforts were focused on the implementation of the area's 2050 Long Range Transportation Plan. Please find below a short description of these activities.

The primary focus of the MPO during the fiscal year was working to implement the recommendations of the recently adopted transportation plan. This effort was focused on hiring consultants to perform the Downtown Microsimulation Study a Tier One project for the area. This Study will identify strategies and solutions for other Tier One Projects such as the Willey Street improvement project and the Fairmont Road Improvement Project.

The MPO also implemented the recently adopted suballocated funding process. The MPO Policy Board recommended \$400,000 in funding for the construction of sidewalk along Fairmont Road.

Other work performed by MPO Staff during FY 2023-2024, included:

MPO Staff worked to keep the following projects moving toward construction, the University Avenue/Collins Ferry Road intersection improvement project the Greenbag Road widening project, Beechurst Avenue spot improvement project and the upgrades of the West Run, Van Voorhis Road corridor projects.

In addition to project work MPO staff, performed several duties to maintain traffic related databases these databases include an annual traffic count program and an accident database. MPO Staff prepared a summary of crashes that occurred between 2018 and 2022 as part of this work. The 2019 traffic counts were taken in April and October to allow for the development of peak period factors. MPO The accident database was updated using additional data available from the WVDOH. Staff worked with WVDOH staff to have local counts included in the State's triennial data collection effort in the Morgantown/Monongalia County area. It is anticipated that the MPO will resume data collection activities in the upcoming fiscal year.

MPO Staff continued to investigate potential pedestrian count technologies. The technology for pedestrian counting is evolving quickly and it is difficult to evaluate the various options available. MPO Staff In cooperation with the Mon Valley Greenspace Coalition Staff prepared a map of a potential greenway network connecting non-motorized facilities throughout the area.

The MPO has been working to implement the Regional Transportation Demand Management program. During FY 2014-2015 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 FY 2019-2020 when there were two ongoing vanpools. Since that time the initial funding for the program has been expended. MPO Staff successfully sought funding for the continuation of this initiative in FY 2020-21. To date 19 vanpools have been started by this program with 12 of them still operating after the expiration of the MPO's subsidy.

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MPO Staff also evaluated the need for pedestrian improvements in the vicinity of Don Nehlen Drive and WV 705. Staff prepared a report on the findings of this Study.

MPO Staff also developed a draft electric vehicle charging station plan for the area. This plan should be completed by the end of the 2023-2024 fiscal year. It is anticipated that there will be public involvement activities associated with the implementation of this plan during the upcoming fiscal year.

MPO Staff continued work begun 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, the Federal Highway Administration and the Federal Transit Administration.

Operational initiatives undertaken during FY 2023-2024 included work to implement transportation performance measures as required by the FAST Act. With the addition of a part-time staff person shared with Monongalia County the MPO expanded its online presence to include several new platforms including Twitter, LinkedIn, a larger presence on Facebook and other social media. The new employee also worked to standardize the format of the MPO's letter head and other documents as well as beginning a quarterly MMMPO newsletter. Normal operations included MPO consideration of numerous TIP Amendments by the MPO's committees. MPO Staff also performed other normal administrative functions including financial management, staff technical support to the Pedestrian and Bicycle Board's, and other similar tasks.

MPO Staff also provided technical assistance to the area's localities as requested. Work included assisting in the development of a RAISE grant for Fairmont Road in Westover by WVDOH. MPO Staff also worked with the City of Morgantown to develop the Community Garden initiative funded as part of the mitigation of the impacts of the Greenbag Road Project. MPO Staff also worked to assist the State with its Vulnerable Road Users initiative and the development and implementation of the State Highway Safety Plan.

It is anticipated that all of the work items proposed in the FY 2023-2024 UPWP will have been addressed during the fiscal year. It should be noted that several items are intended to be ongoing parts of the MPO's Work Program which will never be "completed." These tasks include all forms of data collection, monitoring of performance measures, and administration. MPO Staff anticipates that not all of the MPO's funding for the FY 2023-2024 UPWP will be utilized by the end of the FY due to a vacancy during part of the year. It should be noted that the MMMPO utilized greater than 98% of its FY 2021-2022 funding. There is no provision to carry over funding from previous fiscal years in the MMMPO's arrangement with WVDOT.



## FOCUS FOR FISCAL YEAR 2024-2025

### Local initiatives:

Major initiatives to be under taken this year include:

Completion of the study of downtown Morgantown traffic operations. This Study is to analyze numerous scenarios for changing downtown's traffic patterns. Potential changes to be evaluated include the closing of "Grumbein's Island" to traffic, improvements to the operational capacity of Willey Street, evaluating the impact of eliminating the one-way street pairs (Spruce Street and High Street, Pleasant Street and Walnut Street) in downtown, and other potential improvements to the network including better coordination of the signal system. In FY 2022-23 the MPO developed an RFQ for a consultant to perform this work during FY 2023-24. This Study will be the largest single project undertaken by the MPO in FY 2023-24. MMMPO Staff time for this project will be under administrative charges.

In addition to the Downtown Traffic Operations Study MPO Staff will be working with WVDOH to Greenbag Road Design Study funded by the MPO's RAISE grant. MPO Staff will team with WVDOH to put together a Study Steering Committee and work with WVDOH to jointly administer the Study. It is anticipated that this project will take place over more than one fiscal year.

The MPO has also received a request to develop a pedestrian safety plan for University Avenue from Patteson Drive to Boyers Avenue from Star City and the City of Morgantown. This Study will be a high priority for MPO Staff.

The MPO has also received a request from the City of Morgantown for the funding of a feasibility study of the proposed pedestrian overpass on Don Knott's Boulevard. The City of Morgantown will be providing the required match for this Study.

MPO Staff will also work with Mountain Line to develop a plan for the location of bus shelters. This work may be in conjunction with a class from WVU.

During FY 2019-2020 the MPO hired a part-time employee to expand its public outreach efforts as identified in the MPO's Public Involvement Policy. This staff person is responsible for developing a newsletter to be issued at least quarterly, website maintenance, and the MPO's social media presence. These efforts will continue in the upcoming Fiscal Year.

### Other tasks:

The MPO reinstated the traffic count program in the spring of 2023 by developing joint count locations with the WVDOH triennial count program. The purpose of the program is 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 MPO's regional travel demand model, as well as in identifying areas where operational improvements to the road network may be needed. The information is also useful to the Division of Highways when planning operational improvements to the area's transportation facilities. MPO Staff proposes to have traffic counts taken during FY 2024-25.

In addition to working on the inventory of traffic data the MPO proposes to participate in the updating of aerial mapping and topographic data undertaken by a consortium of Monongalia County, the City of Morgantown and the Morgantown Utility Board. It is anticipated that the MPO will provide \$5000 to assist in funding this effort.

MPO Staff will work to implement the process for monitoring and reporting on the impact of transportation decision-making in the TIP and the Metropolitan Transportation Plan on the safety and operational performance of the transportation system in accordance with the performance planning requirements of the IJJA, FAST Act and MAP 21. MPO Staff will continue to provide 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 and the MPO's Bylaws to determine the need for an update to the provisions of those documents. Staff will also continue to work with the statewide MPO Association on issues common to all of the state's MPOs.

As outlined below the MPO intends to address Federal Planning initiatives provided by the Federal Highway Administration and the Federal Transit Administration in the work program.

**-Tackling the Climate Crisis-Transition to Clean Energy-**The draft UPWP addresses this issue by emphasizing the development of alternative forms of transportation and by working with WVDOH as needed on potential locations for electric vehicle charging stations. MPO Staff developed a preliminary charging station plan for the area during FY 23-24 and will work on implementation efforts during FY 24-25. This item is addressed in line items II-D-11, II-B-10 and II-B-17.

**-Equity and Justice<sup>40</sup> in Transportation Planning-**This initiative stresses the following activities-improve infrastructure for non-motorized activities, plan for the safety of all road users, reduce single occupancy vehicle travel and associated air pollution in high volume corridors, offer reduced public transportation fares as appropriate, target demand response toward communities with older adults and those with poor access to essential services. This emphasis area also includes out-reach to underserved communities including persons in rural areas that have been systematically denied a full opportunity to participate in the transportation planning process.

The draft UPWP addresses this area by working to improve access for underserved communities through planning for non-motorized forms of transportation as part of ongoing vehicular transportation projects as well as work to provide a non-motorized facility network in

cooperation with the Mon Valley Greenspace Coalition. This emphasis area is addressed in line item III-C-16 and II-B-11.

**-Complete Streets**-The draft UPWP addresses complete streets by continuing the MPO's coordination with the WVDOT Complete Streets Commission as well as identifying projects in the Metropolitan Transportation Plan where alternatives to the single occupant vehicle are appropriate. The MPO is also developing a trial program for non-motorized vehicle data collection as part of the UPWP. The MPO will prepare a plan for bicycle and pedestrian safety on University Avenue in Morgantown and Star City. This emphasis area is addressed line item II-B-11.

**-Public Involvement**-Under the proposed UPWP the MPO will seek to improve our outreach to underserved communities as noted in the Equity and Justice emphasis area and to continue a robust outreach program in the media. This item is addressed in line items III-C-6.

**-Strategic Highway Network (STRAHNET)** for national defense (there are no designated STRAHNET facilities except I-68 and I-79 within the area) The draft UPWP does not directly address this issue but the MPO's Metropolitan Transportation Plan identifies needed improvements along these corridors. The MPO will support improvements to these facilities.

**-Federal Land Management Agency Coordination** (not applicable to our area).

**-Planning and Environmental Linkage** (streamlining the environmental process for the construction of projects by utilizing information from the planning process). The MPO will address this item in the upcoming fiscal year by developing a planning level study of one the Metropolitan Transportation Plan's priority projects to assist in identifying issues for the WVDOH project development process. This emphasis area is addressed in line items III-D-2, and III-D-3.

**-Data in Transportation Planning**-As noted above the MPO proposes to develop a trial data collection program for non-motorized vehicle transportation data collection in the draft UPWP. The MPO also restarted the traffic count program in the spring of 2023 in cooperation with the WVDOH Traffic Count program. This item is budgeted in line items II-A-1, II-A-4, II-A-10.

## 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 which was restarted in the spring of 2023. The initial program included 58 locations counted in the spring of 2012. As of the 2014 counts the MPO had 74 count locations around the urbanized portion of the County. As of 2019 the number of counts was reduced to approximately 58 due to budgetary constraints. 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 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 locations and corridors.

**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.

### II-B Long Range Transportation Plan Development

**II-B-3 Model Update-**The MPO regional travel demand model will be updated using data from the downtown micro-simulation study.

**II-B-6-Community Goals and Objectives-**The MPO will have a robust public involvement process to identify any new community goals and objectives since the last major update in 2022.

**II-B-8 Deficiency Analysis-**Ongoing efforts to identify deficient elements of the transportation network.

**II-B-9 Highway Element-**the highway element of the MTP will be updated as needed to reflect changes proposed in the area's comprehensive plans, the Downtown Microsimulation Study and other ongoing studies.

**II-B-10 Transit Element-**The MPO will work with Mountain Line to incorporate recent changes in their operations into the overall Metropolitan Transportation Plan. MPO Staff will also work with Mountain Line to develop a plan for the installation of transit stops around the area.

**II-B-11 Bicycle and Pedestrian Planning-** The MPO will incorporate new data into the Bicycle and Pedestrian Plan. MPO Staff will also prepare a safety plan focusing on improving bicycle and pedestrian safety for University Avenue between Patteson Drive and Boyers Avenue. This Plan will emphasize a "Complete Streets" approach to this important corridor. During this fiscal year the MPO will also fund a feasibility study for a pedestrian bridge over Don Knott's Boulevard.

**II-B-13 Collector Street Planning-** MPO Staff will provide support to area municipalities in reviewing proposed development to ensure that the proposed collector streets are adequate. Staff will also review proposals to ensure that the proposed connection between major arterials and collector streets are consistent with the capacity anticipated in the Metropolitan Transportation Plan.

**II-B-16 Financial Planning-** MPO Staff will continue to work for the development of funding streams for transportation in general and especially for implementing the Metropolitan Transportation Plan.

**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 2024 Planning Work Program.

#### III-B Transportation Improvement Program

MPO staff will update the Transportation Improvement Program (TIP) as needed. The MPO will work with WVDOH on updating the State Transportation Improvement Program operating procedures and updating the TIP to meet the revised procedures.

#### III-C-6 Public Involvement

The MPO will continue to televise Policy Board Meetings. Staff also anticipates increased public involvement activities associated with the downtown microsimulation study. The MPO will continue to distribute a newsletter and upgrade its online presence. Staff will also reach out to neighborhoods throughout the area to inform residents about the MPO and its activities.

**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 and in freight planning.

**III-C-8 Performance Measures-**MAP 21 and the FAST Act require the States and MPOs to establish and report performance measures to ensure that transportation investments are addressing national, state, and local priorities for safety, air quality, system reliability and transit and highway asset management. These performance measures will need to be reflected in the MPO's Metropolitan Transportation Plan and Transportation Improvement Program. This will be an ongoing task.

**III-D-1 Transportation Enhancement Planning-**MPO Staff will prepare enhancement project applications and provide assistance with enhancement planning activities as requested by area agencies.

**III-D-2 Environmental Coordination-**MPO Staff will work with WVDOH to provide environmental resource agencies with information on projects proposed in the updated Metropolitan Transportation Plan to help ensure that environmental concerns are recognized as potential projects move forward to implementation. Efforts along this line include the proposed feasibility study for a pedestrian crossing of Don Knott's Boulevard.

**III-D-3 Special Studies-** MPO Staff will work with partner agencies to identify needed special studies and to initiate studies as requested. This line item also includes the management of ongoing projects such as the Downtown Microsimulation Study as well as funding for and administration of the pedestrian overpass feasibility study and oversight of the Greenbag Road Design Study in cooperation with WVDOH. At the request of the City of Morgantown the MPO will also be funding a preliminary design/feasibility study for the construction of a pedestrian bridge over Don Knott's Boulevard. It is also anticipated that the MPO will prepare a pedestrian safety plan for University Avenue from Patteson Drive in Morgantown to Boyers Avenue in Star City.

**III-E Management and Operations** This line item includes normal administrative functions such as the cost of the MPO audit, supplies, insurance and other administrative costs. It also includes the preparation of meeting agendas and supporting documentation for the 35 regularly scheduled MPO committee meetings as well as other meetings held by the MPO.

## DRAFT Morgantown Monongalia MPO Operating Budget FY 2024-2025

<b>Cost Allocation Rate Table</b>	
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	\$ 69.03 Incl. benefits + Overhead
Planner II	\$ 46.52 Incl. benefits + Overhead
Shared Planner (50% MPO)	\$ 43.22 Includes benefits + Overhead
Additional Travel	US Gov 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. Hourly rate is calculated using a 2080 hour work year as the base line for full time employees. For the shared employe a 1,040 hour work year is used.	

<b>Proposed Line Item Fixed Operating Expenses</b>				
Category	Consolidated Federal Planning Funds	WVDOT	City/County/ PO/Other	Total Cost Allocation
<b>Salaries*</b>				
<b>Director</b>	\$ 87,472.56	\$ 10,934.07	\$ 10,934.07	\$ 109,341
<b>Planner 2</b>	\$ 50,016.96	\$ 6,252.12	\$ 6,252.12	\$ 62,521
<b>Shared Planner</b>	\$ 22,260.00	\$ 2,782.50	\$ 2,782.50	\$ 27,825
<b>Benefits (see below)</b>	\$ 68,185.74	\$ 8,523.22	\$ 8,523.22	\$ 85,232
<b>Contracted/Capital Expenses</b>				
<b>Contracted Services</b>	\$ 24,000.00	\$ 3,000.00	\$ 3,000.00	\$ 30,000
<b>Consulting Services*</b>	\$ 100,000.00	\$ 12,500.00	\$ 12,500.00	\$ 125,000
<b>Computer Equipment</b>	\$ 11,200.00	\$ 1,400.00	\$ 1,400.00	\$ 14,000
<b>Software</b>	\$ 4,000.00	\$ 500.00	\$ 500.00	\$ 5,000
<b>Public Notices/Publishing</b>	\$ 2,800.00	\$ 350.00	\$ 350.00	\$ 3,500
<b>Overhead</b>				
<b>Travel &amp; Training</b>	\$ 12,000.00	\$ 1,500.00	\$ 1,500.00	\$ 15,000
<b>Utilities (phone, internet, web site)</b>	\$ 1,600.00	\$ 200.00	\$ 200.00	\$ 2,000
<b>Copier lease, supplies, postage</b>	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 1,500
<b>Total</b>	\$ 384,735.26	\$ 48,091.91	\$ 48,091.91	\$ 480,919

Proposes 5% COLA for MPO Staff

<b>Employee Benefit Expenditure Detail</b>				
(Calculated on Total Wages = \$199,697)				
Description	Consolidated Federal Planning Funds	WVDOT	City/County/ Other	Total Cost Allocation
FICA (6.2%)	\$ 9,904.47	\$ 1,238.06	\$ 1,238.06	\$ 12,380.59
Worker's Compensation (2.3%)	\$ 3,674.24	\$ 459.28	\$ 459.28	\$ 4,592.80
Medicare (1.45%)	\$ 2,316.37	\$ 289.55	\$ 289.55	\$ 2,895.46
Retirement (12.0%)	\$ 19,169.94	\$ 2,396.24	\$ 2,396.24	\$ 23,962.43
Health Insurance 2023 + 14%	\$ 30,720.72	\$ 3,840.09	\$ 3,840.09	\$ 38,400.90
Dental & Vision Insurance	\$ 2,400.00	\$ 300.00	\$ 300.00	\$ 3,000.00
<b>Total Employee Benefit Package</b>				<b>\$ 85,232.17</b>







# **2018-2022 Crash Report**

January, 2024

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Appendix A Crash Location by Municipalities and Subareas

Appendix B: Crashes Involving Non-Motorist

Appendix C: Demographic Information Overlay

Appendix D: Areas of Concerns

Appendixes are available on the MPO's website at [www.planttogether.org](http://www.planttogether.org)

# 1. Introduction

The Morgantown Monongalia Metropolitan Planning Organization (MPO) Crash Report for the years 2018-2022 provides a comprehensive analysis of road traffic accidents and their associated trends within our region. This report serves as a resource for understanding patterns and causes, offering insights for both transportation planners and the public alike. By examining the data collected over these five years, the staff aims to promote a safer and more informed approach to urban and regional planning, ultimately working toward the goal of reducing accidents and enhancing road safety for all residents and commuters. The following sections provide a detailed examination of the crash data, including trends and potential contributing factors

The purpose of this crash report is to:

- comprehensively document regional crash trends, crash locations, and crash types.
- identify areas of concern for planning purposes, as well as propose potential engineering countermeasures aimed at enhancing safety within these identified areas.
- raise public awareness regarding frequent crash hotspots, particularly highlighting the prevalent types of crashes occurring in specific locations.

The data used in this crash report is provided by the West Virginia Department of Transportation. MPO staff removed certain crash records that were out of the county boundary based on their GPS coordinates.

The report is developed in collaboration with City of Morgantown staff. The MPO and the City of Morgantown will continue reviewing and analyzing the data, with the potential for updates to the report.

Customized crash data analysis for specific subareas, neighborhood, and corridors is available upon request.

## Online Interactive Crash Hotspot Map

MMMPO developed an online interactive crash hotspot map as a part of the crash report, made accessible to the public for easy reference of crash hotspots. It aims to enhance public awareness of prevalent crash locations and the specific types of incidents more likely to occur in those areas.

Map link:

<https://www.google.com/maps/d/u/2/edit?mid=1PIE9iK69gr8EBR-BBxNzSteLgqShiq4&usp=sharing>

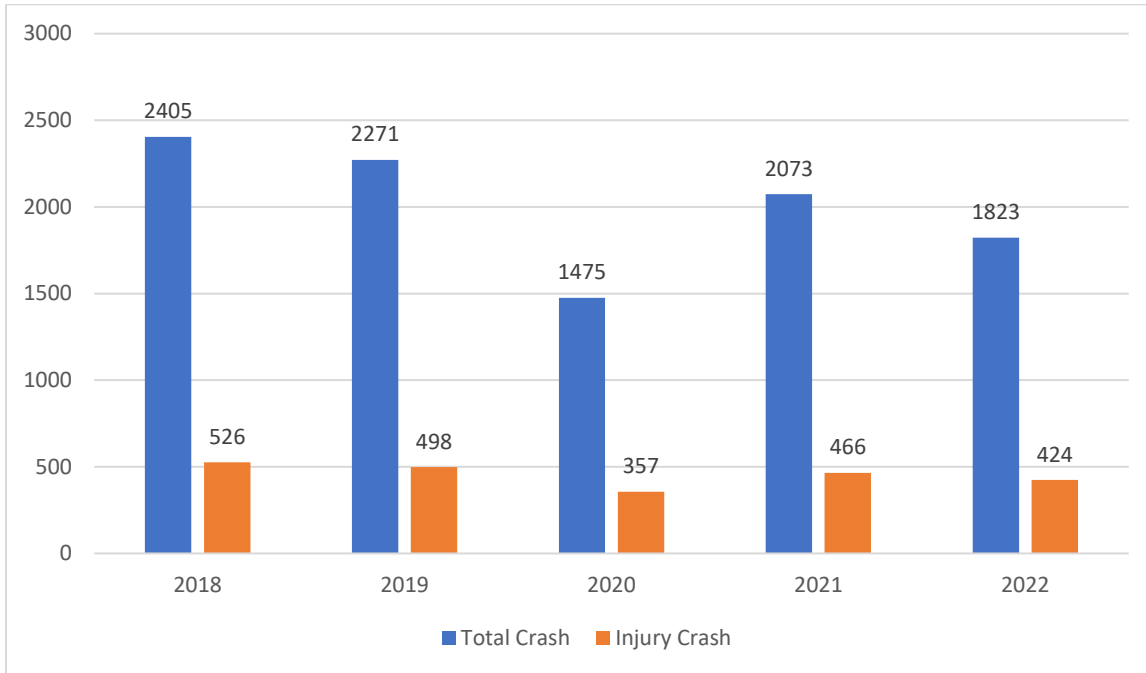
The map is also available on the MMMPO's website at [www.planttogether.org](http://www.planttogether.org).

## 2. Overall Trending

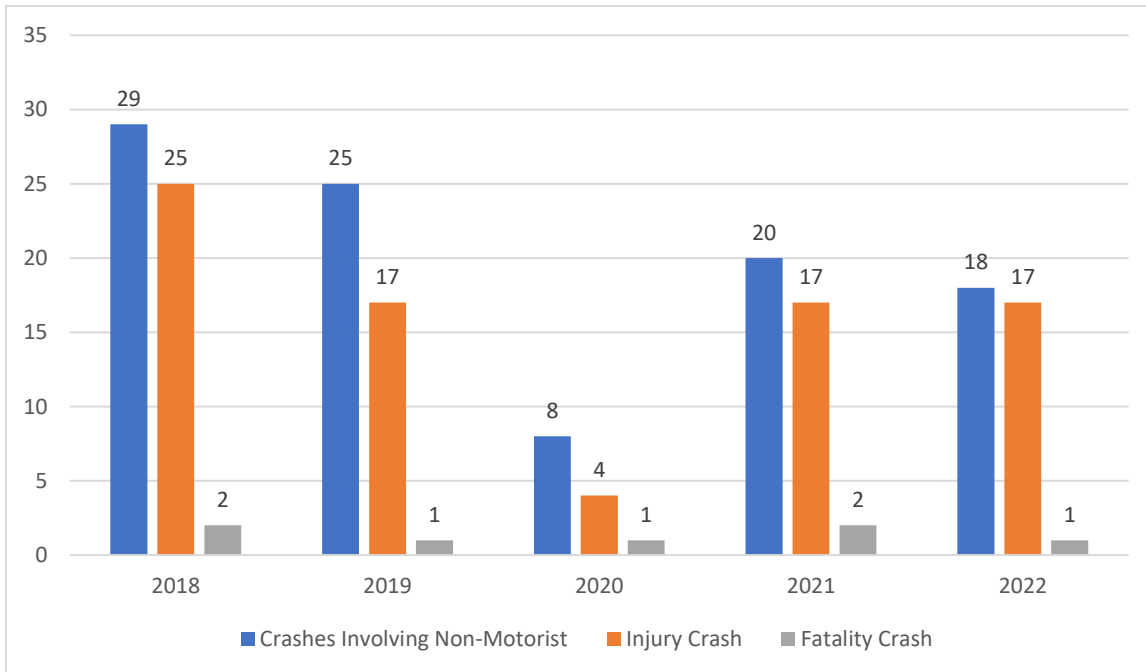
**Table: Crash types by year**

	2018	2019	2020	2021	2022	Five Year Total	5-year Average
Total Crash	2,405	2,271	1,457	2,073	1,823	10,029	2,006
Rear End	778	738	446	586	562	3,110	622
Single Vehicle Crash	574	576	426	573	465	2,614	523
Right Angle	311	274	175	265	221	1,246	249
Sideswipe, Same Direction	205	212	135	198	160	910	182
Angle, Front to Side Same Direction	122	142	63	100	95	522	104
Angle, Front to Side Opp. Direction	168	113	91	128	123	623	125
Sideswipe, Opposite Direction	84	77	41	77	76	355	71
Angle, Direction Not Specified	63	62	35	58	46	264	53
Head-On	80	58	48	69	74	329	66
Rear-to-Side	13	13	13	10	5	54	11
Rear-to-Rear	7	6	2	9	5	29	6
Fatality Crash	13	6	7	8	7	41	8.2
Injury Crash	526	498	357	466	424	2271	454.2
Crash Involving Non-motorists	29	25	8	20	18	100	20

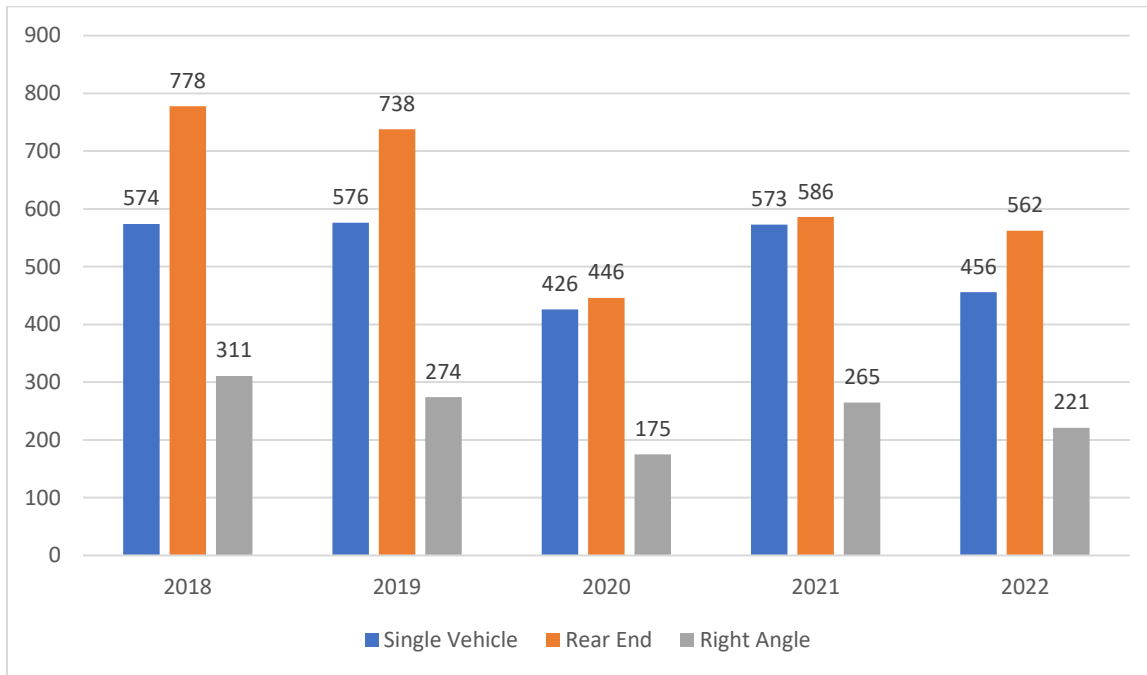
## Number of Crashes by Year and by Injury



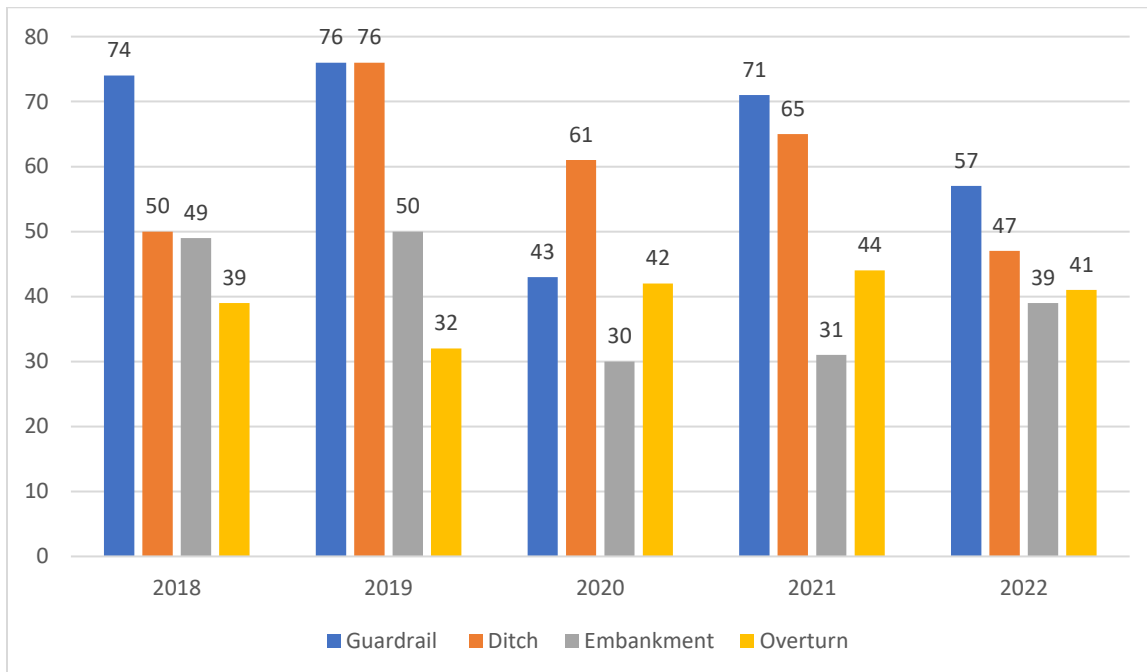
## Number of Crashes by Year and by Crashes Involving Non-motorists



## Number of Crashes by Year and Major Collision Types



## Number of Crashes by Year and Major First Harmful Event Types\*



Other major first harmful event types that are not included in the graphics are: 1) vehicle in transport, 2) parked vehicles, and 3) Utility Pole.

### 3. Recommendations

MPO staff identified top 10 safety corridor improvement and top 10 safety spot improvement, based the hotspots by crash types and first harmful events as shown in Appendix D – Areas of Concerns. The information is also available on an online interactive map at:

<https://www.google.com/maps/d/u/2/edit?mid=1PIE9iK69gr8EBR-BBxNzSteLgqShiq4&usp=sharing>

The locations are selected using a combination of the following criteria:

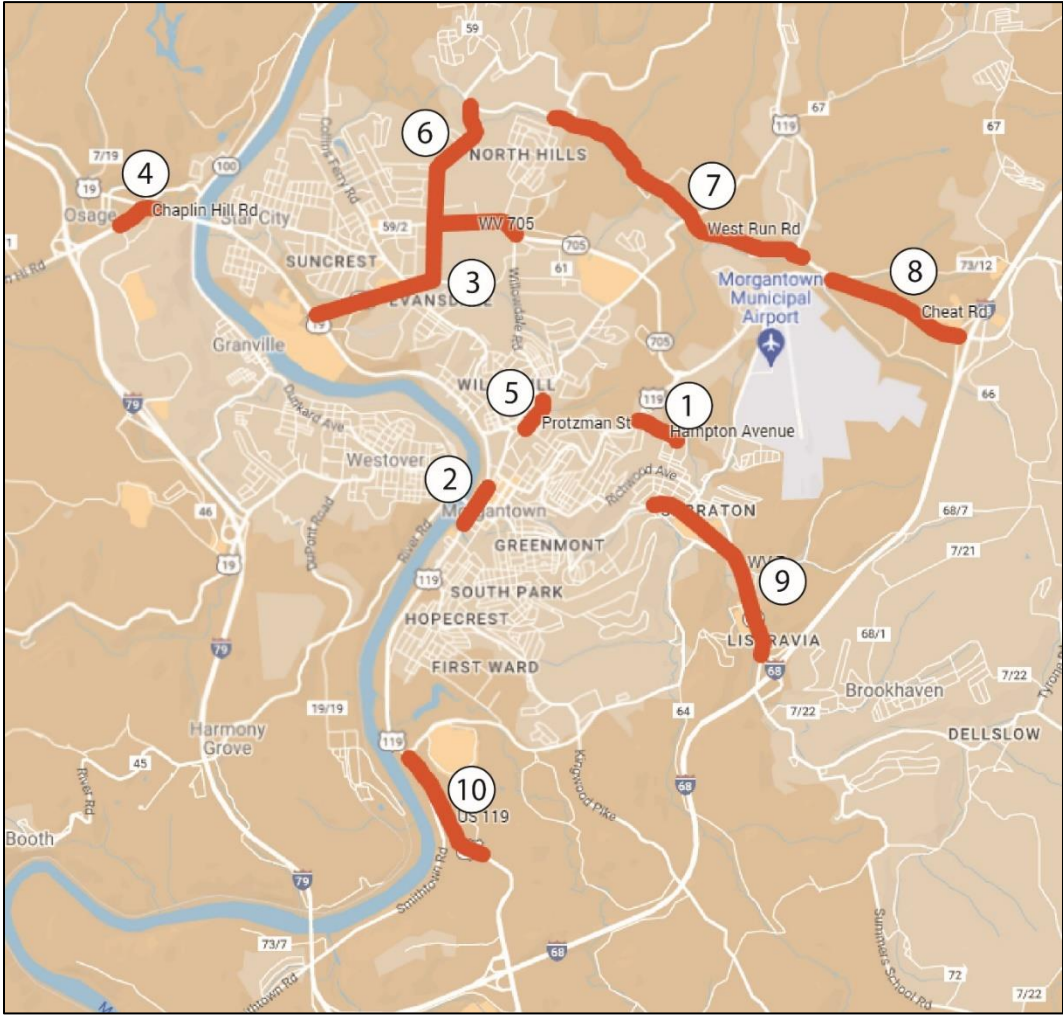
- **High Crash/Length Ratio for Specific Crash Types:** Emphasis is placed on crash types with a high likelihood of severe injuries, such as head-on collisions, right-angle crashes, and sideswipe opposite-direction crashes.
- **Multiple Category:** Locations are chosen if they are identified in multiple categories of crash hotspots, signifying a consistent pattern of safety concerns.
- **High Crash Rate per Million Vehicle Miles:** Special attention is given to locations with a high crash rate relative to the number of vehicle miles traveled, particularly for areas with low traffic volume but a disproportionately high incidence of crashes.

#### Top 10 Safety Improvement Corridors

(Location ID) Location Description	Primary Crash Type to Prevent	Potential Safety Concern
(1) Hampton Avenue, beginning at North Willey Street and extending eastward for 0.3 miles.	- Head on crash - Sideswipe (opposite direction) crash	- Inadequate lane separation - Narrow roadway width - Sharp curve
(2) University Ave from Fayette St to Foundry	- Head on crash - Rear end crash - Right angle crash - Sideswipe (same direction) crash	- Lane shifting and merging - Poor traffic flow
(3) WV 705 from Mon Blvd to Mon General Dr/Willowdale Rd	- Rear end crash - right Angle crash - Sideswipe (same direction) crash	- Lane shifting and merging - Poor traffic flow - Inadequate signal coordination
(4) Chaplin Hill Rd from Emmett Dr to University Town Centra Dr	- Rear end crash - Sideswipe (same direction)	- Poor traffic flow - Sharp curve - Lane shifting and merging
(5) Protzman St from Mason St to Yoke St	- Head on crash	- Inadequate lane separation - Narrow roadway width - Sharp curve
(6) Van Voorhis Rd from WV 705 to West Run Rd	- Single vehicle crash - Head on crash	- Inadequate lane separation - Narrow roadway width - Sharp curve
(7) West Run Rd from Point Marion Rd to Riddle St	- Single vehicle crash - Head on crash - Right angle crash	- Inadequate lane separation - Narrow roadway width - Sharp curve

(8) Cheat Rd from Point Mation Rd to I-68 Ramp	<ul style="list-style-type: none"> <li>- Single vehicle crash</li> <li>- Right angle crash</li> <li>- Sideswipe (same direction) crash</li> <li>- Right angle crash</li> </ul>	<ul style="list-style-type: none"> <li>- Lane shifting and merging</li> <li>- Inadequate lane separation</li> <li>- Narrow roadway width</li> <li>- Sharp curve</li> </ul>
(9) WV 7 from Decker's Creek Rd to I-68 Ramp	<ul style="list-style-type: none"> <li>- Head on crash</li> <li>- Rear end crash</li> <li>- Right angle crash</li> <li>- Single vehicle crash</li> <li>- Sideswipe (opposite direction) crash</li> </ul>	<ul style="list-style-type: none"> <li>- Poor traffic flow</li> <li>- Lane shifting and merging</li> <li>- Driveway access</li> </ul>
(10) US 119 from Greenbag Rd to Smithtown Rd intersection extending southward for 0.44 mile	<ul style="list-style-type: none"> <li>- Single vehicle crash</li> <li>- Right angle crash</li> <li>- Head on crash</li> </ul>	<ul style="list-style-type: none"> <li>- Sharp curve</li> <li>- Lane shifting and merging</li> <li>- Inadequate lane separation</li> <li>- Overturn/Ditch/Embankment hazard</li> </ul>

Top 10 Safety Improvement Corridors Map





Top 10 Safety Spot Improvement

(Location ID) Location Description	Primary Crash Type to Prevent	Potential Safety Concern
(1) Canyon Rd and Canyon School Rd	- Single vehicle crashes	- Short sight distance - Slope and Sharp curve - High speed on Canyon Rd
(2) Point Marion Rd and Canyon Rd	- Head on crash	- short sight distance - Slope - Receiving lane alignment (east-west)
(3) Chaplin Hill Rd and I-79 Exit 155 / Malone Dr Area	- Right angle crash	- High speed traffic on Chaplin Hill Rd. - High traffic volume on Chaplin Hill Rd
(4) WV 705 / Van Voorhis Rd and Christy St	- Right angle crash	- High speed traffic on WV 705. - High traffic volume on WV 705. - Multilane crossing for left-turn traffic
(5) University Ave and North St	- Head on crash	- Short sight distance - Slope and Sharp curve - High speed on University Ave
(6) Smithtown Rd and Grafton Rd / Don Knotts Blvd	- Head on crash - Right angle crash	- Slope and high speed on Drafton Rd - Skewed intersection
(7) Grafton Rd and I-68 Exit 1 Area	- Right angle crash	- High sped traffic on Grafton Rd - High traffic volume on Grafton Rd
(8) Richwood Ave and Darst St	- Right angle crash	- Slope on Richwood Ave
(9) Cheat Rd and I-68 Exit 7 Area	- Right angle crash	- High speed traffic on Cheat Rd - High traffic volume on Cheat Rd
(10) University Ave and Laurel St	- Right angle crash	- Narrow roadway width - High speed traffic on University Ave - High volume of turning traffic from Pocahontas Ave

# Top 10 Safety Spot Improvement Map



## Recommended Safety Improvement Relationship with MTP and TIP

The following table shows how the recommended safety improvements in this report correlates with the MPO's Metropolitan Transportation Plan (MTP) and Transportation Improvement Program (TIP).

	(ID) Location	Included in MTP	Included in TIP
Corridor Improvement	(1) Hampton Avenue from North Willey Street extending eastward for 0.3 miles.	No	No
	(2) University Ave from Fayette St to Foundry	Yes	No
	(3) WV 705 from Mon Blvd to Mon General Dr/Willowdale Rd	Yes	Partially
	(4) Chaplin Hill Rd from Emmett Dr to University Town Centra Dr	Yes	No
	(5) Protzman St from Mason St to Yoke St	Yes	No
	(6) Van Voorhis Rd from WV 705 to West Run Rd	Yes	Yes
	(7) West Run Rd from Point Marion Rd to Riddle St	Yes	Yes
	(8) Cheat Rd from Point Mation Rd to I-68 Ramp	Yes	No
	(9) WV 7 from Decker's Creek Rd to I-68 Ramp	Yes	No
	(10) US 119 from Greenbag Rd, extending southward for 0.44 mile on Grafton Rd	Yes	Partially
Spot Improvement	(1) Canyon Rd and Canyon School Rd	No	No
	(2) Point Marion Rd and Canyon Rd	Yes	No
	(3) Chaplin Hill Rd and I-79 Exit 155 / Malone Dr Area	Yes	Yes
	(4) WV 705 / Van Voorhis Rd and Christy St	Yes	No
	(5) University Ave and North St	No	No
	(6) Smithtown Rd and Grafton Rd / Don Knotts Blvd	Yes	Yes
	(7) Grafton Rd and I-68 Exit 1 Area	Yes	No
	(8) Richwood Ave and Darst St	No	No
	(9) Cheat Rd and I-68 Exit 7 Area	Yes	No
	(10) University Ave and Laurel St	Yes	Yes