



Agenda

Policy Board Meeting
Morgantown City Hall
Morgantown WV
November 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 Report
 - c. Executive Directors Report
5. 2024 November TIP Amendments
6. 2025 TAM Targets for West Virginia Public Transportation
7. Contract for Don Knott's Blvd. Ped Bridge Feasibility Study
8. 2025 MPO Meeting Dates
9. Draft TIP
10. FY 2025-26 UPWP
11. Other Business
12. Meeting Adjournment

Memorandum

Date: November 14, 2024
 To: Policy Board Members
 From: MPO Staff
 Subject: November Agenda Items

This memorandum is to inform you of the items under consideration in the November Policy Board Agenda. The TTAC recommended adoption of the action items on the Agenda. Unfortunately, we did not have a quorum at the CAC meeting.

-2024 November TIP Amendments- Please see the attached memorandum for requested November TIP Amendments.

-2025 Transit Asset Management (TAM) Targets for West Virginia- Please see the attached Memorandum for information on the 2025 TAM Targets.

-Contract for Don Knott’s Boulevard Pedestrian Bridge Feasibility Study-A pedestrian bridge over Don Knott’s Boulevard connecting the City of Morgantown’s First Ward to the Waterfront area and the Rail Trail is a Tier One Project in the MTP. WVDOH has concerns about the feasibility of the pedestrian bridge due to elevation changes between First Ward and the Waterfront area. The MPO asked our on call consultants to prepare a scope of work for a study to determine a more precise location for the proposed bridge and to examine the constructability of the ped bridge including the cost. MPO staff and City Engineering staff were the selection committee for the project. The selection committee recommended Kimley Horn and Associates for this work at a cost of is \$37,500. This was the less costly of the two proposals though cost was not considered as part of the evaluation criteria. A copy of the recommended proposal was included with the agenda package. This project fits into the MPO’s existing budget and **no extra funds are required to perform this work.** It is respectfully requested that the Policy Board authorize the MPO Director to sign the contract for this work.

-2025 Meeting Calendar- Please find below the dates proposed for the MPO’s Committee meetings in 2025. Please note that this calendar does not include meetings in June. This is a change from previous practice. This change is recommended due to the Juneteenth and West Virginia Day holidays making it difficult to meet in June. The TTAC and the CAC have recommended that the Policy Board adopt of the meeting dates below:

2025	Tuesday 1pm-2pm	Thursday 6pm-7pm	Thursday 6pm-7pm
Month	TTAC	CAC	PB
January	1/7/2025	1/9/2025	1/16/2025
March	3/11/2025	3/13/2025	3/20/2025
May	5/6/2025	5/8/2025	5/15/2025
August	8/5/2025	8/7/2025	8/14/2025
October	10/7/2025	10/9/2025	10/16/2025
November	11/10/2025	11/13/2025	11/20/2025

-Draft Transportation Improvement Program (TIP)-This is not an action item. MPO and WVDOH have developed an updated TIP for consideration at the Policy Board’s January meeting. This item is to present the draft to the public and the Policy Board for comment. A copy of the draft TIP is in the Agenda package.

-2025-26 Unified Planning Work Program-This is not an action item. MPO Staff is seeking input into the development of next fiscal years work program. Currently staff is proposing to perform an in-house minor update of the urban area’s Metropolitan Transportation Plan. We would appreciate any idea’s the Policy Board may have for additional work. We will be presenting the draft UPWP to the Policy Board at the January meeting.



POLICY BOARD MEETING

City of Morgantown
389 Spruce Street
Morgantown, WV
October 17th, 2024, 6 PM

Members Present:

Chairman Joe Statler - Blacksville, Board Vice-Chairman Maria Smith- Mountain Line Transit Authority, Mike Kelly – Board of Education, Ron Justice – West Virginia University, Bill Kawecki – City of Morgantown, Sean Sikora – Monongalia County, Mayor Patricia Lewis - Town of Granville, Mayor Joe AbuGhannam - City of Morgantown, Russ Rogerson - Morgantown Area Partnership, Steve Blinco – Star City, Jenny Selin, City of Morgantown, Brian Carr, WVDOT - DOH, Bob Lucci - Mayor of Westover, Jeff Arnett - Monongalia County, Tom Bloom - Monongalia County

Others Present: Jing Zhang, Jackie Peate, Christiaan Abildso

MPO Director: Bill Austin, AICP

1. Call to Order

With a quorum present, Chairman Statler called the meeting of the Morgantown Monongalia Metropolitan Planning Organization (MMMPO) Policy Board to order at 6:00 PM.

2. Public Comment

No Public Comments.

3. Approval of Minutes June 2024 & August 2024

Both sets of minutes were voted on simultaneously.

Mr. Justice moved to approve the minutes; seconded by Mayor Lewis. The motion passed unanimously.

4. Committee Reports

a. Citizens Advisory Committee

Mr. Abildso, Chair of the CAC, provided a report for the board. He stated the CAC had unanimously voted to recommend the TIP Amendments. Mr. Abildso said they had previously asked for more detail in the amendments, and they are appreciative of the level of detail included. The board had a good discussion on upcoming projects. Mr. Abildso stated that MRTC is able to negotiate with the company that received the bid for the Industrial Park Bridge. Chair Statler asked about the attendance. Mr. Abildso stated there is good attendance and quorum. Mr. Austin stated there are a few seats open, but there is good participation. Ms. Selin requested to let them know what is available so there is representation on the board from around the county.

b. Finance

Mayor Lewis provided the Finance Committee Update. She provided the financial report for the month of August. The beginning balance in August was \$55,891.60, there were 3 deposits totaling \$58,128.44, 23 disbursements totaling \$56,516.55, leaving the ending balance at \$57,503.55. This carried over into September. In September there were 2 deposits totaling \$37,147.46, 17 disbursements totaling \$43,623.22, leaving the ending balance at \$51,027.79.

Mr. Kelly moved to approve the Financial Report; seconded by Commissioner Sikora. The motion passed unanimously.

c. Executive Director

Mr. Austin provided the board with his report.

He wanted to thank Ted Whitmore, Marsha Mays, and Donna Hardy for their work on WVDOH projects in the area. The Walnut Street pedestrian crossing has the design consultants selected and it will be moving forward. The Smithtown Road design study is ongoing and they expect to be in the engineering phase next summer. The Chestnut Road pedestrian improvement project is based on a previous study and is ongoing. They are selecting a consultant for the design of the project. The Mineral Avenue intersection project, identified in the Vulnerable Road Users analysis, is in the process of selecting a consultant for design. They are reviewing the final design recommendations on the Brookhaven Road project. There is a downtown rail trail project that the City of Morgantown and MRTC has been working on for a while. They had a Transportation Alternatives Grant for this, but as this project has been extended the grant money no longer covers the cost. Therefore, they will be requesting suballocated funds from the MPO.

Mr. Ausitn stated that WVDOH management has agreed to move forward with installing a temporary signal at Exit 155. There was a lot of discussion and review on this. The MPO has offered suballocated Carbon Reduction funds to aid this effort. Commissioner Bloom asked for a date on this project to install the temporary lights and Mr. Austin stated there is not a date yet. Commissioner Bloom and Mr. Blinco expressed frustration with how long this project has been drawn out, and are both upset at the process. The board was frustrated with the timeline of this project, and discussed how to effectively communicate the urgency of fixing this exit. Mr. Austin stated he has done everything in his power to communicate this concern to the WVDOH. After a discussion, the board agreed that Mr. Austin would send a follow up, relaying the discussion from this meeting to DOH management. This message will include appreciation for moving the project forward, a request for a timeline, and information on what is staling this project. Mr. Carr was called on to make a statement, and stated he did not have any further information.

Mr. Austin stated the MPO has been in discussion with Mayor Lucci regarding the sidewalk grants, and they are coordinating the multiple grants to make this project possible on Fairmont Road. This is supported by Mountain Line. Mayor Lucci asked if this would cause a delay, and Mr. Austin stated it would as the design needs to guarantee full connected network. Mrs. Smith asked how long it will take the study to begin, and Mr. Carr stated it depends and could take four months to a year in a half. Planning grants tend to move faster than capital grants. Chair Statler asked if this will delay the resurfacing of Fairmont Road, and Mr. Austin said it will not cause delays.

5. 2024 October TIP Amendments

Mr. Austin stated that the TIP Amendments below have been reviewed by the TTAC and CAC. Both bodies unanimously recommended adoption of the amendments by the Policy Board. Please note that there are also projects of interest being added to the TIP under the MPO's TIP Adjustment Policy they are also presented below. Less significant adjustments may be found in the additional memorandum provided in the email transmitting the agenda packet. The amendments and significant administrative changes are below:

Amendments

Mountain Line Transit Administration Amendment Request

FY2025

-Add Bus Facility Roof Replacement. Source: 5339. Federal funding: \$1,360,000. Local funding: \$340,000.

-Revenue Rolling Stock Replacement (1). Source 5330. Federal funding increases from \$145,240 to \$445,189. Local funding increases from \$36,310 to \$111,297.

- Revenue Rolling Stock Replacement (2). Source 5330. Federal funding increases from \$241,031 to \$1,400,000. Local funding increases from \$60,258 to \$350,000. FY2027

- Operating Assistance - Capital. Source: 5307. Federal funding increases from \$200,000 to \$250,000. Local funding increases from \$50,000 to \$62,500.

FY2028

-Operating Assistance - Capital. Source: 5307. Federal funding increases from \$200,000 to \$250,000. Local funding increases from \$50,000 to \$62,500.

Mr. Justice moved to approve the MLTA Amendment Request; seconded by Ms. Selin. The motion passed unanimously.

WV DOH Amendments Request

The following projects are requested to be amended to the MPO's TIP as non-groupable projects according to the MPO's TIP policy.

-MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK).

FY2026. Federal ID: STBG2024025D. Type of Work: CONST NEW ROAD & BRIDGE. Phase: CON. Funding Source: STBG-FLEX. Federal Funding: \$10,000,000; Total Funding: \$10,000,000. Project Location Description: Connecting Morgantown Industrial Park to Don Knotts Blvd over Monongahela River. Action: move to FY 2027.

- **HARMONY GROVE 1/C.** FY2025. Federal ID: NHPP0079109D. Type of Work:

CONST NEW 1/C. Phase: ENG. Funding Source: NHPP. Federal Funding: \$3,330,000; Total Funding: \$3,700,000. Project Location Description: River Rd near Master Graphics Rd (over I-79). Action: move to FY 2028; total funding decreases from \$3,700,000 to \$2,200,000; federal funding decreases from \$3,330,000 to \$1,760,000.

-MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK).

FY2025. Federal ID: STBG2024025D. Type of Work: CONST NEW ROAD & BRIDGE. Phase: CON. Funding Source: STBG-FLEX. Federal Funding: \$10,000,000; Total Funding: \$10,000,000. Project Location Description: Connecting Morgantown Industrial Park to Don Knotts Blvd over Monongahela River. Action: move to FY 2026

Mrs. Smtih moved to approve the WV DOH Amendments Request; seconded by Mr. Kelly. Commissioner Bloom voted against the request, with the remainder of the board voting for. The motion passed.

Mr. Austin reviewed some significant TIP adjustments. No action is required. Please note that there are also significant projects being added to the TIP under the MPO's TIP Adjustment Policy. Administrative adjustments to the TIP that are not new projects may be found in the memorandum attached to the Agenda. These projects do not require Board action. A description of the new projects may be found below:

-VULNERABLE ROAD USERS MORGANTOWN +1. FY2025. Federal ID: HSIP0705024D. Type of Work: SAFETY IMPROVEMENT. Phase: CON. Funding Source: HSIP. Federal Funding: \$90,000; Total Funding: \$100,000. Project Location Description: WV 705 from Mon Blvd to the Applebee intersection.

-VULNERABLE ROAD USERS MORGANTOWN +1. FY2025. Federal ID: HSIP0705023D. Type of Work: SAFETY IMPROVEMENT. Phase: ENG. Funding Source: HSIP. Federal Funding: \$45,000; Total Funding: \$50,000. Project Location Description: WV 705 from Mon Blvd to the Applebee intersection.

-DECKERS CREEK RAIL TRAIL RESTORATION. FY2026. Federal ID: TAP2023349D. Type of Work: TRAIL RESURFACE. Phase: CON. Funding Source: NRT. Federal Funding: \$208,000; Total Funding: \$260,000. Project Location Description: Not applicable.

6. Audit

Mr. Austin directed the Policy Board to find the MPO's Audit for FY 23-24 enclosed within the Agenda. The auditor had no findings. It is respectfully requested that the Policy Board accept the audit. Mayor Lewis stated she reviewed the Audit and also had no findings.

Mayor Lewis moved to approve the Audit; seconded by Mr. Kelly. The motion passed unanimously.

7. Other Business

There was no other business.

8. Meeting Adjournment

The meeting adjourned at 6:42 PM.

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
Centra-Checking (voucher checks)								51,027.79
Deposit	10/09/2024		Monongalia County	JP Sept 24	√	Salary	2,728.44	53,756.23
Deposit	10/15/2024		WVDOH	Deposit DWNTWN Study	√	Consulting (Consulting Expense)	24,822.07	78,578.30
Check	10/15/2024	6260	Jing Zhang	Electronic Transfer	√	Salary	-1,740.46	76,837.84
Check	10/15/2024	6261	Jacqueline G. Peate	Electronic Transfer	√	Salary	-1,727.22	75,110.62
Check	10/15/2024	6262	J. William B. Austin	Electronic Transfer	√	Salary	-2,951.38	72,159.24
Check	10/15/2024	6263	ICMA. Retirement Corp		√	Salary	-2,231.76	69,927.48
Check	10/15/2024	941	IRS	Electronic Transfer	√	Salary	-2,047.84	67,879.64
Check	10/15/2024	9688	AECOM	DWNTWN Study model review	√	Consulting (Consulting Expense)	-6,435.00	61,444.64
Check	10/15/2024	9689	City of Morgantown		√	Salary	-117.00	61,327.64
Check	10/15/2024	9690	J. William B. Austin	Travel SLC AMPO Conf	√	Salary	-2,164.32	59,163.32
Check	10/15/2024	9691	Kimley Horn	DWNTWN Study	√	Consulting (Consulting Expense)	-28,500.00	30,663.32
Check	10/15/2024	9692	Literati Information Technology	AKA Labyrinth	√	Web Hosting	-10.10	30,653.22
Check	10/15/2024	9693	Public Employees Insurance Agency		√	Salary	-3,650.16	27,003.06
Check	10/15/2024	9694	Retiree Health Benefit Trust Fund		√	Salary	-102.00	26,901.06
Check	10/15/2024	9695	Service Plus		√	Accounting (Accounting Fees)	-188.50	26,712.56
Check	10/28/2024	9696	Balestra Harr and Scherer CPA	Audit		Accounting (Accounting Fees)	-4,000.00	22,712.56
Check	10/28/2024	9697	Centra Bank - Mastercard	Software and travel		Travel & Ent (Travel and Entertainmen	-500.00	22,212.56
Check	10/28/2024	9698	Dominion Post	TIP Amend	√	Public Notices	-152.10	22,060.46
Check	10/31/2024	6264	Jing Zhang	Electronic Transfer	√	Salary	-1,740.47	20,319.99
Check	10/31/2024	6265	Jacqueline G. Peate	Electronic Transfer	√	Salary	-1,727.22	18,592.77
Check	10/31/2024	6266	J. William B. Austin	Electronic Transfer	√	Salary	-2,951.37	15,641.40
Check	10/31/2024	6267	ICMA. Retirement Corp			Salary	-2,231.76	13,409.64
Check	10/31/2024	941	IRS	Electronic Transfer		Salary	-2,047.84	11,361.80
Check	10/31/2024	103124	WV Dept of Tax and Revenue	Electronic Transfer		Salary	-630.00	10,731.80
Deposit	10/31/2024		WVDOH	Deposit	√	Consulting (Consulting Expense)	26,600.00	37,331.80
Total Centra-Checking (voucher checks)								37,331.80

TOTAL



Memorandum

Date: November 6, 2024

To: TTAC, CAC, and Policy Board

From: MMMPO Staff

Subject: TIP Amendment and Adjustments - 2024 November

This memorandum is to document the amendment and administrative adjustments requested to the MPO's Transportation Improvement Program (TIP) for November, 2024.

Amendment

Add New Project

I-79 EXIT 155 RAMPS TEMPORARY TRAFFIC SIGNAL. FFY: 2025. Federal ID: CARB1924001D. Phase: Construction. Type of Work: traffic signal. Funding Source: CRP 50-200K POP. Federal Funding: \$750,000. Total Funding: \$750,000. Location: The intersections of the I-79 Exit 155 ramps and Chaplin Hill Road.

Split Funding Source

CAPERTON TRAIL LIGHTING. FFY: 2026. Federal ID: NRT2018218D. Phase: Construction. Type of Work: install lighting. Location: N/A.

- Funding Source: NRT. Federal funding: \$239,280. Total funding: \$299,100.
- Funding Source: CRP 50-200k POP. Federal funding: \$320,000. Total funding: \$400,000.

Administrative Adjustment

Split Funding Source

I-79 LIGHTING. FFY: 2025. Federal ID: STBG0079084D. Phase: Construction. Type of Work: Lighting. Location: I-79 from Exit 148 (I-68 Interchange) to Exit 152 (Westover/Fairmont Rd)

- Funding Source: STBG-FLEX. Federal funding: \$4,750,000. Total funding: \$7,500,000
- Funding Source: HSIP: Federal funding: \$2,000,000. Total funding: \$2,000,000

FFY Change

WALNUT STREET BRIDGE. Federal ID: NHPP0007383D. Phase: Construction. Type of Work: Bridge Repair. BRIDGE REPAIR. Location: Walnut St between Spruce St Brockway Ave. Action: Move from FFY 2025 to FFY 2028

Project Deletion

D4 RDWAY DEPARTURE (districtwide). FFY: 2025. Federal ID: HSIP2023046D. Phase: Construction. Type of work: Signing; delineators. Funding source: HSIP. Federal funding: \$855,000. Total funding: \$950,000. Location: N/A



Memorandum

Date: November 1st, 2024
 To: Advisory and Policy Board Members
 From: MPO Staff
 Subject: 2025 Transit Asset Management (TAM) Targets for West Virginia

This Memorandum is to inform the Advisory Committees and Policy Board of the 2025 TAM Targets for West Virginia. The Targets are presented in the table below. Data from 2023 and 2024 can be seen on the right side of the table, with the 2025 targets on the end. The MMMPO hopes to adopt these targets for the upcoming year.

Background

WVDOT defines SGR (State of Good Repair) as a system meeting the following criteria: All assets are functioning at their ideal capacity within their design life.

The state's asset management system, AVIS, includes consistent, accurate and relatively current information on the status of each capital asset covered by the TAM. Each system has a maintenance program to ensure maintenance is performed per manufacturer requirements and intervals. No rolling stock assets are placed in revenue service with identified safety defects.

Category	Class	Performance Measure	2025 Target	2024 Actual	Action	Action Owner	Dependency	2023	Actual 2024	2025 Targets
Rolling Stock	12 Year/500K Miles	SGR %	93%	92%	Continue working with sub grantees to maintain robust maintenance program	WVDOT & Subgrantee	TAM Plan	94%	92%	93%
	10 Year/350K Miles	SGR %	93%	92%	Evaluate SGR of trolleys	Subgrantee		87%	92%	93%
	7 Year/200K Miles	SGR %	72%	70%	Evaluate SGR of trolleys and prioritize replacements for "bad" and "poor" rated vehicles	WVDOT & Subgrantee	TAM Plan	70%	70%	72%
	5 Year/150K Miles	SGR %	73%	71%	Prioritize replacements for "bad" and "poor" rated vehicles	WVDOT & Subgrantee	TAM Plan	71%	71%	73%
	4 Year/100K Miles	SGR %	65%	63%	Prioritize replacements for "bad" and "poor" rated vehicles	WVDOT & Subgrantee	TAM Plan	77%	63%	65%
					Enhance existing asset management tool to include PM reporting	WVDOT	AVIS			
				Conduct analysis of fleet maintenance practice for identified systems	WVDOT	WVDOT System Reviews				
Facility	Storage	SGR %	72%	70%	Maintain SGR for all facilities	WVDOT	WVDOT System Reviews	70%	70%	72%
	Transfer Center	SGR %	100%	100%			AVIS	100%	100%	100%
Equipment	Support Vehicles	SGR %	69%	39%	Support vehicles not in consistent support service are brought into SGR or disposed	WVDOT & Subgrantee	WVDOT System Reviews	39%	67%	69%
	Maintenance Equip	SGR %	43%	30%	Maintain SGR for all equipment		AVIS	30%	41%	43%

October 3, 2024

Bill Austin, AICP
Executive Director
Morgantown Monongalia Metropolitan Planning Organization
243 High Street Room 026
Morgantown, WV 26501

**Re: IPO #2401 – Don Knotts Boulevard Pedestrian Bridge Feasibility Study
Morgantown, WV**

Dear Mr. Austin:

Kimley-Horn and Associates, Inc. (“Kimley-Horn”) is pleased to submit this Scope of Services to the Morgantown Monongalia Metropolitan Planning Organization (“MMMPO”) for providing professional consulting services as IPO #2401 under the MMMPO Transportation Planning On-Call in accordance with the terms of the Master Agreement for Continuing Professional Services between the MMMPO and Kimley-Horn dated April 25, 2023, which is incorporated herein by reference (the “Master Agreement”).

Project Understanding

Kimley-Horn understands that the MMMPO and City of Morgantown (“City”) wish to assess the feasibility of a pedestrian connection between the First Ward Neighborhood and Caperton Trail/Mountaineer Heritage Park. The bridge design should consider:

- 1) Potential widening of Don Knotts Blvd
- 2) Potential land use development on both sides of the bridge to ensure future scalability and integration
- 3) Approaches to the bridge from current and future transportation network
- 4) Accommodation of bicyclists and micro-mobility users as long as it does not incur exceptionally high costs
- 5) Compliance with ADA/PROWAG and WV DOT standards

The structural concept evaluation portion of this scope will be limited to high-level assessments, focusing on the overall feasibility and preliminary design aspects. This scope of work does not include public involvement and environmental assessment related items. The final sketch may consider elements in sustainable design and gateway design.

This facility would address a great need within this community of Morgantown by providing an accessible connection for active transportation users to reach the Caperton Trail, Wharf District, and other pedestrian oriented destinations to the north in Downtown Morgantown. This project builds upon other pedestrian improvements the City is currently in the process of implementing at nearby locations, including the installation of rapid response pedestrian improvements at eight locations around the City, including one at the intersection of Dorsey Avenue and Wagner Street, development of a City-wide pedestrian plan, and submittal of a RAISE Grant application for multimodal improvements along Dorsey Avenue.

It is assumed this project will take five (5) months to complete, assuming prompt stakeholder reviews, and following the draft milestone schedule shown below.

Scope of Services

Task 1 – Project Management and Stakeholder Coordination

This task will consist of monthly progress reporting and accounting activities for the Project duration, assumed five months. It will further consist of scheduling of meetings and activities, coordination with MMMPO and stakeholder representatives, and initial schedule development, for a total of up to five hours.

Kimley-Horn will schedule and facilitate a virtual kick-off meeting (one hour long with up to two Kimley-Horn staff) with the MMMPO and stakeholders to discuss the schedule of the project and reach concurrence on the design constraints, criteria, and standards that should be followed for the design of the project. The outcome of this meeting will include direction from the MMMPO and stakeholders on what two concepts should be considered in Task 2. Kimley-Horn will prepare an agenda and meeting summary for the meeting which will be distributed electronically. Kimley-Horn will make one round of revisions to the meeting summary based on a single set of compiled and reconciled comments from attendees.

Deliverables:

- Electronic copies of meeting agenda, draft meeting summary, and final meeting summary for Project kick-off meeting.
- Monthly progress reports.

Task 2 – Structural Concept Evaluation

A structural feasibility assessment will be performed in accordance with the current edition of the WVDOH Standard Specifications Road and Bridges and the AASHTO LRFD Bridge Design Specifications. No detailed structural analysis or detailed structural drawings will be provided for this feasibility study. During the feasibility study, Kimley-Horn will provide structural and trail approach input regarding horizontal alignment, vertical profile, span arrangements for the elevated structures, proposed superstructure types, and potential site impacts for up to two alternatives. Kimley-Horn will prepare a brief memo summarizing findings and recommendations of the feasibility assessment performed for both alternatives. This memo will not include any concept sketches.

Kimley-Horn will schedule and facilitate a virtual meeting (1.5-hour long with up to two Kimley Horn staff) with the MMMPO and stakeholders to discuss the findings and recommendations of the feasibility evaluation. The outcome of this meeting will include direction from the MMMPO and stakeholders on what one concept should be carried forward for Task 3. Kimley-Horn will prepare an agenda and meeting summary for the meeting which will be distributed electronically. Kimley Horn will make one round of revisions to the meeting summary based on a single set of compiled and reconciled comments from attendees.

Deliverables:

- Concept evaluation memo
- Electronic copies of meeting agenda, draft meeting summary, and final meeting summary for concept evaluation meeting.

Task 3 – Draft Concept Sketch

One concept alternative, as directed by the MMMPO and stakeholders as an outcome of the meeting to be held at the conclusion of Task 2, will be used for this Task.

Kimley-Horn will utilize available aerial imagery, GIS (parcel line, stream, wetland, utility), and LiDAR information to establish a base map and 3D surface in AutoCAD. Kimley-Horn will set-up a concept plan sheet template for the Project using the developed basemap, contours, and aerial imagery to be displayed at an appropriate scale to allow the sheets to be printed on 11" x 17" paper with plan and profile views.

Kimley-Horn will prepare one draft concept sketch which will consist of the following elements:

- Horizontal and vertical alignment
- Plan view design elements
- One typical section
- Relevant labels and dimensions
- Structural component assumptions annotated in plan view of the Concept Sketches to include:
 - Structure type assumptions – superstructure depths, estimated span lengths
 - Estimated foundation locations for bridge spanning over Don Knotts Blvd.
 - Ramping/Stair locations to access pedestrian bridge

The draft concept sketch will not include estimated cut/fill limits, right-of-way impacts, or structural design.

Kimley-Horn will submit the draft concept sketch electronically as a PDF to the MMMPO and schedule a virtual hour-long meeting to be attended by up to two Kimley-Horn staff. Kimley-Horn will prepare and distribute a meeting agenda for this meeting. Revisions to the horizontal and vertical alignment, within the general intent of the concept as described in direction provided during the concept evaluation meeting in Task 2, may be requested by the MMMPO or stakeholders during this meeting for Kimley-Horn to incorporate. Kimley-Horn will prepare a meeting summary and distribute it electronically to the attendees for review. Kimley-Horn will make one round of revisions to the meeting summary based on a single compiled and reconciled list of comments.

Kimley-Horn will incorporate feedback received from the MMMPO and stakeholders during the meeting and submit one revised concept sketch to the MMMPO electronically as a PDF.

Deliverables:

- Draft concept sketch PDF
- Electronic copies of meeting agenda, draft meeting summary, and final meeting summary for concept evaluation meeting.
- Revised draft concept sketch PDF

Task 4 – Final Concept Sketch

Kimley-Horn will incorporate feedback on the revised draft concept sketch pdf based on a single compiled and reconciled list of comments from the MMMPO and stakeholders. Kimley-Horn will estimate the cut/fill limits and right-of-way impacts based on the revised alignments and design elements. Kimley-Horn will prepare one opinion of probable construction cost (OPCC) based on the concept sketch, total quantities of major pay items, recent WVDOT bid prices, planning level contingencies, and other publicly available and comparable cost data. OPCC for the structural components (elevated structures, ramps, retaining walls etc.) will be delivered at a cost per square foot (\$/SF) unit for the structures. The final concept sketch and OPCC will be submitted to the MMMPO electronically.

Individual cross sections will not be prepared as part of the concept sketches. Revisions to the final concept sketch and a meeting to discuss the final concept sketch are not included in this scope of work and would be considered additional services.

Deliverables:

- Final concept sketch PDF
- Opinion of Probable Construction Cost (OPCC) PDF

SCHEDULE

Kimley-Horn will provide the above services as expeditiously as practicable with an anticipated completion date within five months of receiving formal notice-to-proceed pending prompt stakeholder reviews.

Month	1	2	3	4	5
NTP					
Kick-off meeting					
Structural Concept Evaluation					
Concept Evaluation Meeting					
Draft Concept Sketch					
Draft Concept Sketch Review Meeting					
Revised Draft Concept Sketch					
MMMPO and Stakeholder Review					
Final Concept Sketch and OPCC					

TERMS OF COMPENSATION

Kimley-Horn will perform the services in Tasks 1 through 4 for the total lump sum fee of \$37,500 as detailed below and per the billing provisions of the Master Agreement. Individual task amounts are informational only.

Task	Lump Sum Fee
1 – Project Management and Stakeholder Coordination	
2 – Structural Concept Evaluation	
3 – Draft Concept Sketch	
4 – Final Concept Sketch	
TOTAL	\$37,500

ADDITIONAL SERVICES

Any services not outlined in the above scope of services will be billed as additional services via an amendment to this IPO.

CLOSURE

This IPO will be subject to, and only to, the terms and conditions outlined in the Master Agreement for Continuing Professional Services dated April 25, 2023, which is incorporated herein by reference. If you concur in all the foregoing and wish to direct us to proceed with the services, please provide written notice-to-proceed and prepare the required purchase order. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

It is our pleasure to work with the MMMPO and support your goals and visions for the future of transportation in the Morgantown area. We appreciate the opportunity to provide these services to you. Please contact Colin Frosch at colin.frosch@kimley-horn.com or 571-895-4117 if you have any questions.

Sincerely,



Colin Frosch, PE

ACCEPTANCE:

MORGANTOWN MONONGALIA MPO

KIMLEY-HORN AND ASSOCIATES, INC.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: _____

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____





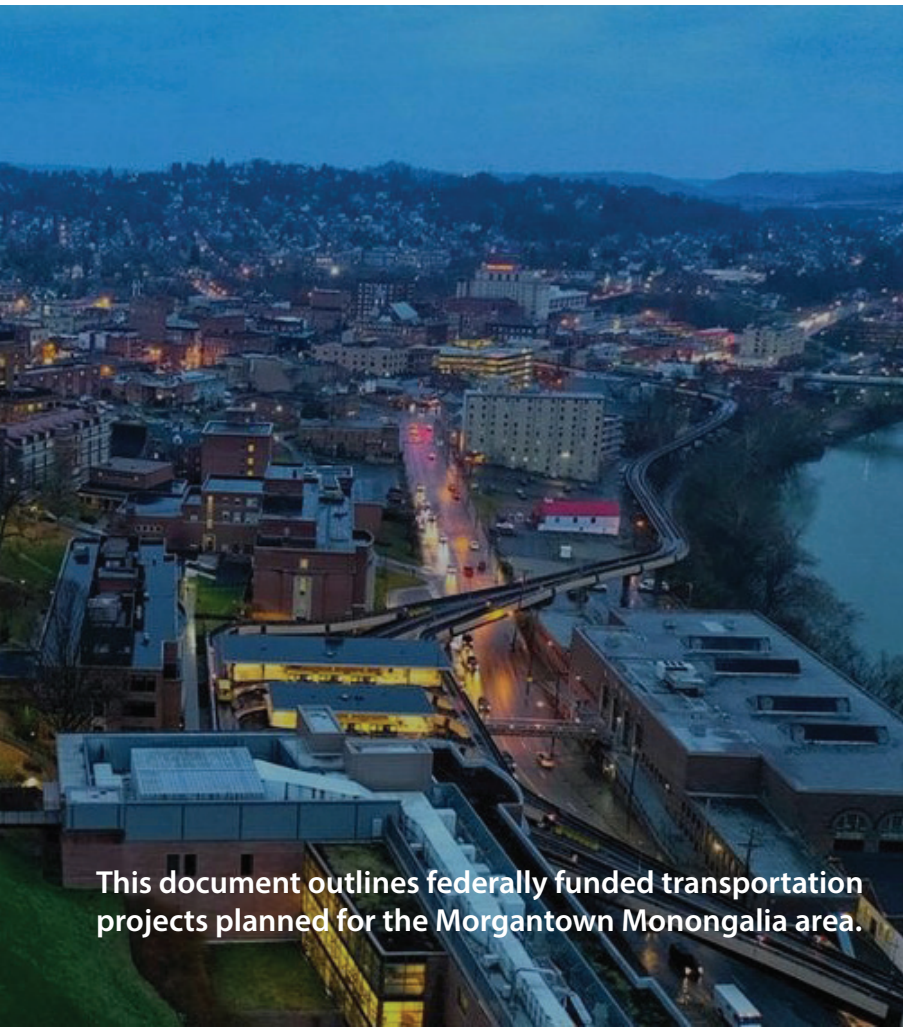
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FFY 2025-2030

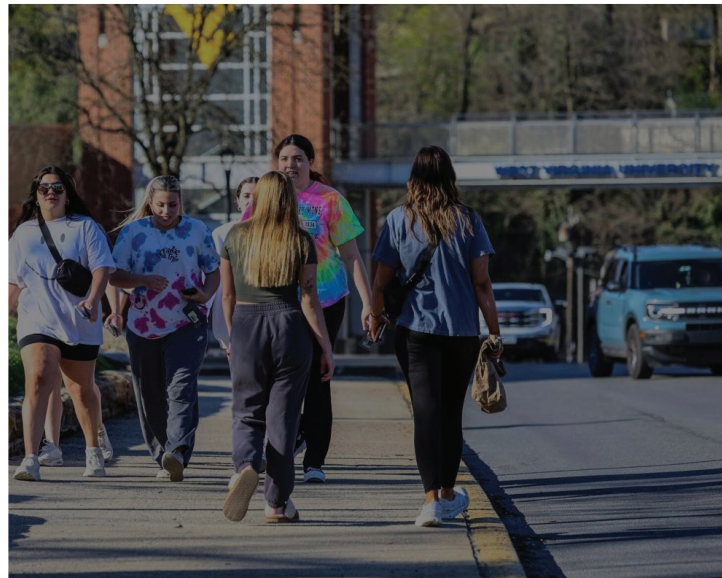
TIP

TRANSPORTATION IMPROVEMENT PROGRAM

Adopted by the Morgantown Monongalia
MPO Policy Board on xxx, xxx, xxx



This document outlines federally funded transportation projects planned for the Morgantown Monongalia area.



The Morgantown Monongalia Metropolitan Planning Organization (MMMPO) is committed to compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and all related rules and statutes. MMMPO assures that no person or group(s) of persons shall, on the grounds of race, color, age, disability, national origin, gender, or income status, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any and all programs, services, or activities administered by MMMPO, whether those programs and activities are federally funded or not.

It is the policy of MMMPO to ensure that all of its programs, policies, and other activities do not have disproportionate adverse effects on minority and low-income populations. Additionally, MMMPO will provide meaningful access to services for persons with Limited English Proficiency.

For any questions or requests related to Title VI rights, please contact the MMMPO through one of the following methods: email at planning@plantogether.org, phone at (304) 291-9571, or in person at 243 High Street (Courthouse), Room 026, Morgantown, WV.

MPO POLICY BOARD

The Policy Board of the MPO is the decision-making body responsible for guiding regional transportation planning efforts. It is composed of elected officials and representatives from local governments and agencies within the MPO's jurisdiction. The Policy Board reviews and approves key transportation plans, programs, and funding decisions, ensuring alignment with regional goals and priorities.

Officials

Chairman **Joe Statler** - Blacksville, House of Delegate
Board Vice-Chairman **Maria Smith** - Mountain Line Transit Authority
Board Treasurer Mayor **Patricia Lewis** - Town of Granville
Secretary, Executive Director **Bill Austin**, AICP

Members (in alphabetical order)

Joe Abu-Ghannam, Mayor, City of Morgantown City Council
Jeff Arnett, Monongalia County Commission
Steve Blinco, Recorder, Star City
Tom Bloom, Monongalia County Commission
Brian Carr, WV Department of Transportation-Division of Highways
Ron Justice, West Virginia University
Bill Kawecki, City of Morgantown City Council
Michael Kelly, Board of Education
Bob Lucci, Mayor of Westover
Russ Rogerson, Morgantown Area Partnership (Non-Voting)
Jenny Selin, City of Morgantown City Council
Sean Sikora, President, Monongalia County Commission

CITIZENS ADVISORY COMMITTEE

The Citizens Advisory Committee, or CAC, is an advisory group for the Policy Board that provides recommendations on community issues and concerns.

The CAC is composed of citizens appointed by the Policy Board to represent the public interest in transportation decision-making. Citizens Advisory Committee Members are:

Christiaan Abildso (Chairman)

Heather Morgan

Matthew Cross

Kelli LaNeve

Matthew Ridgway

Chip Wamsley

Thomas Zeni

Wallace Venable

TRANSPORTATION TECHNICAL ADVISORY COMMITTEE

The Transportation Technical Advisory Committee, or TTAC, is an advisory group for the Policy Board that provides recommendations on technical issues and planning efforts. The TTAC is made up of technical staff from various agencies and local governments that participate in the MPO process. Technical Advisory Committee Members are:

Bill Austin, Morgantown Monongalia MPO (Chairman)

Maria Smith, Mountain Line Transit

Kara Greathouse, Federal Highway Administration

Brian Carr, WV Division of Highway

Damien Davis, City of Morgantown

Rickie Yeager, City of Morgantown

Fouad Shoukry, WV Division of Highway

Latina Mayle, Town of Granville

Jeremy Evans, West Virginia University

Andrew Gast-Bray, Monongalia County

Michael Dougherty, Westover

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GLOSSARY

ACS	American Community Survey
CAC	Citizens Advisory Committee
CEJST	Climate and Economic Justice Screening Tool
CMAQ	Congestion Mitigation and Air Quality
CON	Construction
CRP-FLEX	Carbon Reduction Program - Flexible
DOH	Division of Highways
EJ	Environmental Justice
ENG	Engineering
EPA	Environmental Protection Agency
ETC	Equitable Transportation Community
FFY	Federal Fiscal Year
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HSIP	Highway Safety Improvement Program
HWI-BR	Highway Bridge Replacement and Rehabilitation
IRA	Inflation Reduction Act
LEP	Limited English Proficiency
MLTA	Mountain Line Transit Authority
MMMPO	Morgantown Monongalia Metropolitan Planning Organization
MTP	Metropolitan Transportation Plan
NHPP-BR	National Highway Performance Program - Bridge
NRT	National Recreation Trails Program
PL	Planning
PM	Performance Measures
PROT	Protection Program
PRT	Personal Rapid Transit
ROW	Right-of-Way
Section 5307	FTA Formula (Operating and Capital)
Section 5311	Rural Area Formula Grants

Section 5337	State of Good Repairs Grants
Section 5339	Bus and Bus Facilities Program
STBG-FLEX	Surface Transportation Block Grant Program - Flexible
STBG-OFF	Surface Transportation Block Grant Program - Off-System
STIP	Statewide Transportation Improvement Program
TAP	Transportation Alternatives Program
TIP	Transportation Improvement Program
TTAC	Transportation Technical Advisory Committee
UPWP	Unified Planning Work Program
USDOT	U.S. Department of Transportation
WVDOT	West Virginia Department of Transportation
WVU	West Virginia University

INTRODUCTION

Morgantown Monongalia MPO

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

The following are the core functions and responsibilities of Metropolitan Planning Organizations.

- **Establish a setting:** Establish and manage a fair and impartial setting for effective regional decision-making in the metropolitan area.
- **Evaluate alternatives:** Evaluate transportation alternatives, scaled to the size and complexity of the region, to the nature of its transportation issues, and to the realistically available options. (These evaluations are included in the Unified Planning Work Program or UPWP).
- **Maintain a Metropolitan Transportation Plan (MTP):** Develop and update a long-range transportation plan for the metropolitan area covering a planning horizon of at least twenty years that fosters (1) mobility and access for people and goods, (2) efficient system performance and preservation, and (3) quality of life.
- **Develop a Transportation Improvement Program (TIP):** Develop a spending program based on the long-range transportation plan designed to serve the area's goals, using spending, operating, management, and financial tools.
- **Involve the public:** Involve the general public and all the significantly affected sub-groups in the four essential functions listed above.

Transportation Improvement Program (TIP)

In accordance with 23 CFR 450 subpart C the MMMPO is charged with developing the TIP documenting the expenditure of Federal Funds on regionally significant transportation projects. Two primary purposes of the TIP are to monitor progress implementing the area's Metropolitan Transportation Plan (MTP), and to provide an opportunity for the area's stakeholders to comment on the expenditure of Federal Funds in the area. Federal regulations requires that the TIP be prepared as part of a continuous, cooperative, and comprehensive (3C) 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, West Virginia University Personal Rapid Transit System, and Mountain Line Transit. In addition to currently scheduled projects the TIP includes a list of projects completed in the area over the last five years. This is consistent with the requirements of Federal legislation.

The TIP must also be fiscally constrained and be consistent with the area's Metropolitan Transportation Plan. To meet these requirements the MMMPO prepares the draft TIP in cooperation with the West Virginia Department of Transportation, Mountain Line Transit, West Virginia University, and other area institutions and stakeholders. The MPO also identifies how each project is consistent with the policies of the Metropolitan Transportation Plan.

The MPO relies on the State of West Virginia's ongoing budget analysis to ensure that the programmed projects are fiscally constrained in the short term. The list of currently programmed projects is the primary purpose for developing a TIP, it provides local decision makers with the opportunity to track progress in implementing the Metropolitan Transportation Plan. It also provides the public with an opportunity to comment on how Federal funds are spent for transportation purposes.

2025 TIP Update

The 2025 Transportation Improvement Program (TIP) Update outlines planned transportation projects with a five-year horizon, covering Federal Fiscal Years (FFYs) 2025 to 2030. This satisfies the federal requirement that the TIP must include a minimum of four years of future projects. The highway project section also includes some projects beyond FY 2030 for informational purposes.

Below are the details for each agency's project timeline:

- Morgantown Monongalia MPO TIP: FFY 2025-2030 (six-year period)
- WV Department of Transportation STIP: FFY 2025-2028 (four-year period)
- Mountain Line Transit Authority TIP: FFY 2025-2028 (four-year period)
- West Virginia University TIP for PRT: FFY 2025-2028 (four-year period)

In line with the MPO's Public Involvement Policy, the public was notified on October 10, 2024, that the TIP would be updated and that input was being solicited on potential projects for inclusion. A public comment period has been open from October 21, 2024, to January 10, 2025.

The draft TIP was scheduled for review by the Policy Board on November 21, 2024. Following the Policy Board's review, the draft TIP was made available for a 30-day public comment period and also reviewed by the MPO's advisory committees. The Technical Advisory Committee—composed of technical staff from WVDOT and local municipalities—and the Citizens Advisory Committee, which includes public representatives and advocates for bicycle and pedestrian planning, both evaluated the document. Feedback from the public and these committees was then submitted to the Policy Board for consideration before finalizing the TIP.

The final adoption of the TIP is to take place on January 16, 2025.

ALIGNMENT WITH METROPOLITAN TRANSPORTATION PLAN

The Metropolitan Transportation Plan (MTP) serves as the blueprint for regional transportation development, guiding decision-making over a 20- to 25-year horizon. TIP projects have been selected to advance these goals, ensuring that short-term actions contribute to the long-term success of the region's transportation network.

METROPOLITAN TRANSPORTATION PLAN (UPDATED 2022)

Goal #1: Safety. A safe, secure transportation system for all users that reduces fatalities and severe injuries.

Goal #2: Mobility Choices. An integrated and connected multimodal system that provides safe, convenient options for bicyclists, pedestrians, and transit users as well as motor vehicles.

Goal #3: System Reliability. Improve the reliability of the movement of people and goods across the region in support of time-sensitive freight movement and logistics.

Goal #4: System Preservation. Maintain and enhance existing transportation infrastructure assets in a good state of repair.

Goal #5: Equity. Provide healthy, convenient, and equitable transportation choices for those communities that are underserved or traditionally underrepresented.

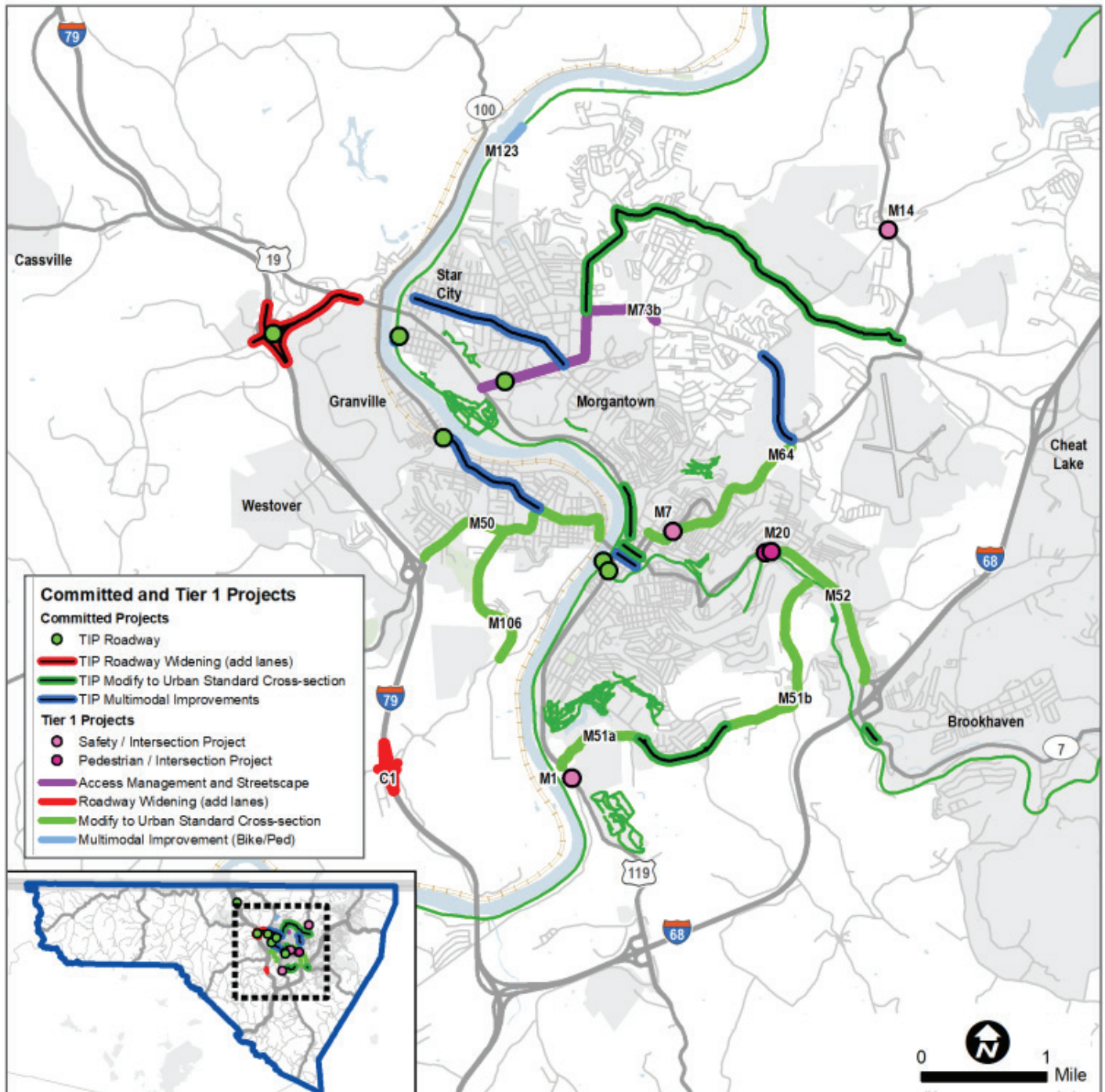
Goal #6: Economic Vitality. A transportation system that supports and enhances economic development goals and improves regional competitiveness in commerce.

Goal #7: Livability. A transportation system and region that is attractive, sustainable, and contributes to regional well-being.

MTP Executive Summary Map

The following page is an excerpt from the Executive Summary of the MPO’s Metropolitan Transportation Plan. It shows the high-priority projects in the MMMPO area. More information about the MTP is available on the MPO’s website at www.PlanTogether.org.

Map: MTP Executive Summary Map



HIGHWAY PROJECTS

This section presents the highway projects included in the Transportation Improvement Program (TIP) as of October 2024. The highway projects cover a diverse range of transportation improvement projects in the region, including roadway maintenance, bridge inspections and repairs, intersection improvements, pedestrian facility upgrades, trail improvements, and planning studies.

The MPO's Highway TIP Table includes projects scheduled for Federal Fiscal Years (FFY) 2025 through 2030, along with information on projects planned beyond FFY 2030 as informational items.

The MPO's TIP highway projects align with the State TIP for the region. The WV Division of Highways (DOH) requests TIP amendments and administrative adjustments on a monthly basis to ensure that project information remains current. For the most up-to-date information on TIP highway projects, please visit the MPO's website at www.plantgether.org/TIP, or scan the QR Code on the right.

Scan the code to get the latest updates on the TIP project information



Highway Projects Summary

The total funding for projects listed in the MPO's Highway TIP Table is \$227,089,008, with federal contributions comprising 81%, or \$184,222,803. There are 41 distinct projects, including 6 districtwide initiatives. (Projects with the same name with different phases or spanning multiple years are counted as a single project.)

SECTION 3 - HIGHWAY PROJECTS

Over 40% of the funding, approximately \$92 million, was sourced from the National Highway Performance Program (NHPP), followed by 25% from the Surface Transportation Block Grant FLEX (STBG-FLEX) at around \$58 million, and 13% from Highway Infrastructure Program - Bridges (HWI-BR) at approximately \$30 million.

Chart: Distribution of Total Funding by Sources

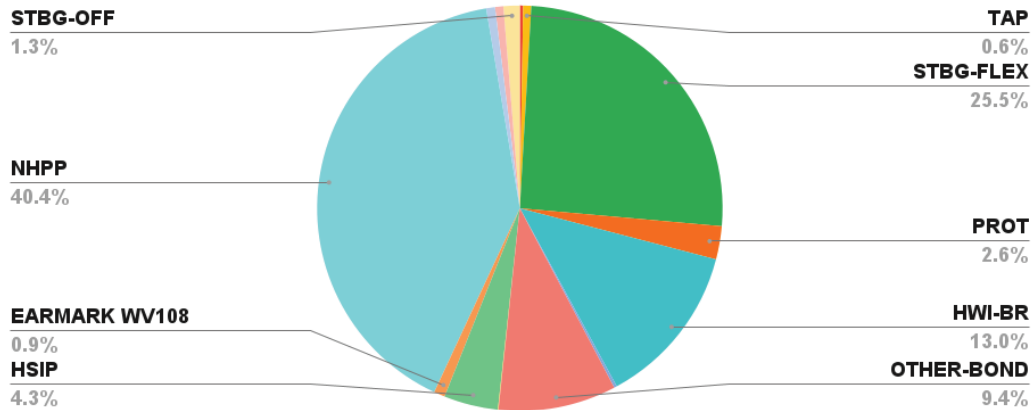


Table: Distribution of Total Funding by Sources

Funding Source	Amount	Percentage
NHPP	\$91,750,000	40.40%
STBG-FLEX	\$57,927,754	25.51%
HWI-BR	\$29,550,000	13.01%
OTHER-BOND	\$21,350,000	9.40%
HSIP	\$9,826,904	4.33%
PROT	\$6,000,000	2.64%
STBG-OFF	\$2,950,000	1.30%
EARMARK WV108	\$2,000,000	0.88%
CRP-FLEX	\$1,593,000	0.70%
EARMARK (WV 117)	\$1,500,000	0.66%
TAPW	\$1,453,000	0.64%
NRT	\$598,350	0.26%
CMAQ	\$490,000	0.22%
NHPP-BR	\$100,000	0.04%

Maintenance-related projects account for approximately 35% of total funding, followed by new construction (29%) and roadway improvements (18.2%). Project categories are based on work descriptions provided by the WV DOH, detailed as follows:

- **Bridge Related:** bridge inspection, rehabilitation, renovation, repair, and replacement.
- **Maintenance Related:** Covers design studies for replacement, pavement markings, interchange reconstruction, resurfacing, slide repair, and trail resurfacing.
- **New Construction:** Encompasses new interchange construction, new road development, and new bridge construction.
- **Pedestrian Facility Related:** Focuses on ADA ramp design/build and pedestrian improvements.
- **Roadway Improvements Related:** Involves drainage upgrades, intersection improvements, widening, installation of pavement markings, lighting, signals, travel lanes, safety enhancements, and road delineation.

Chart: Distribution of Total Funding by Work Type

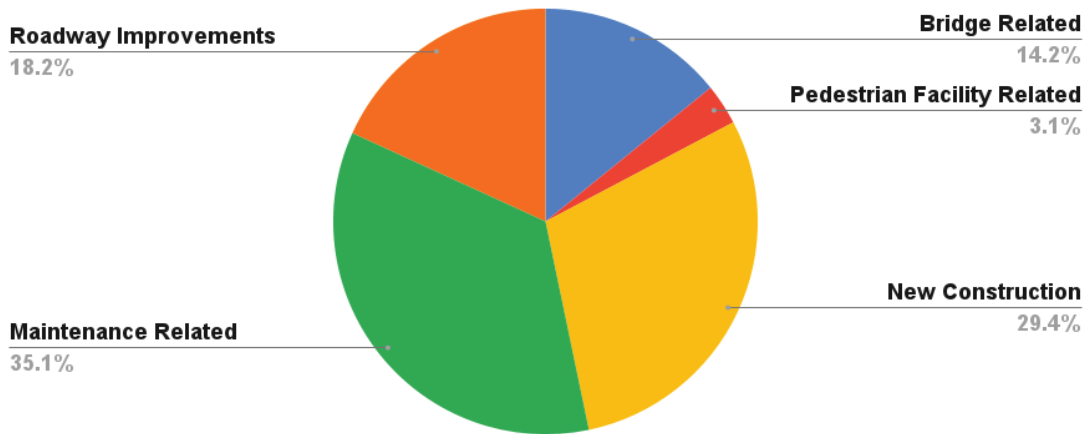
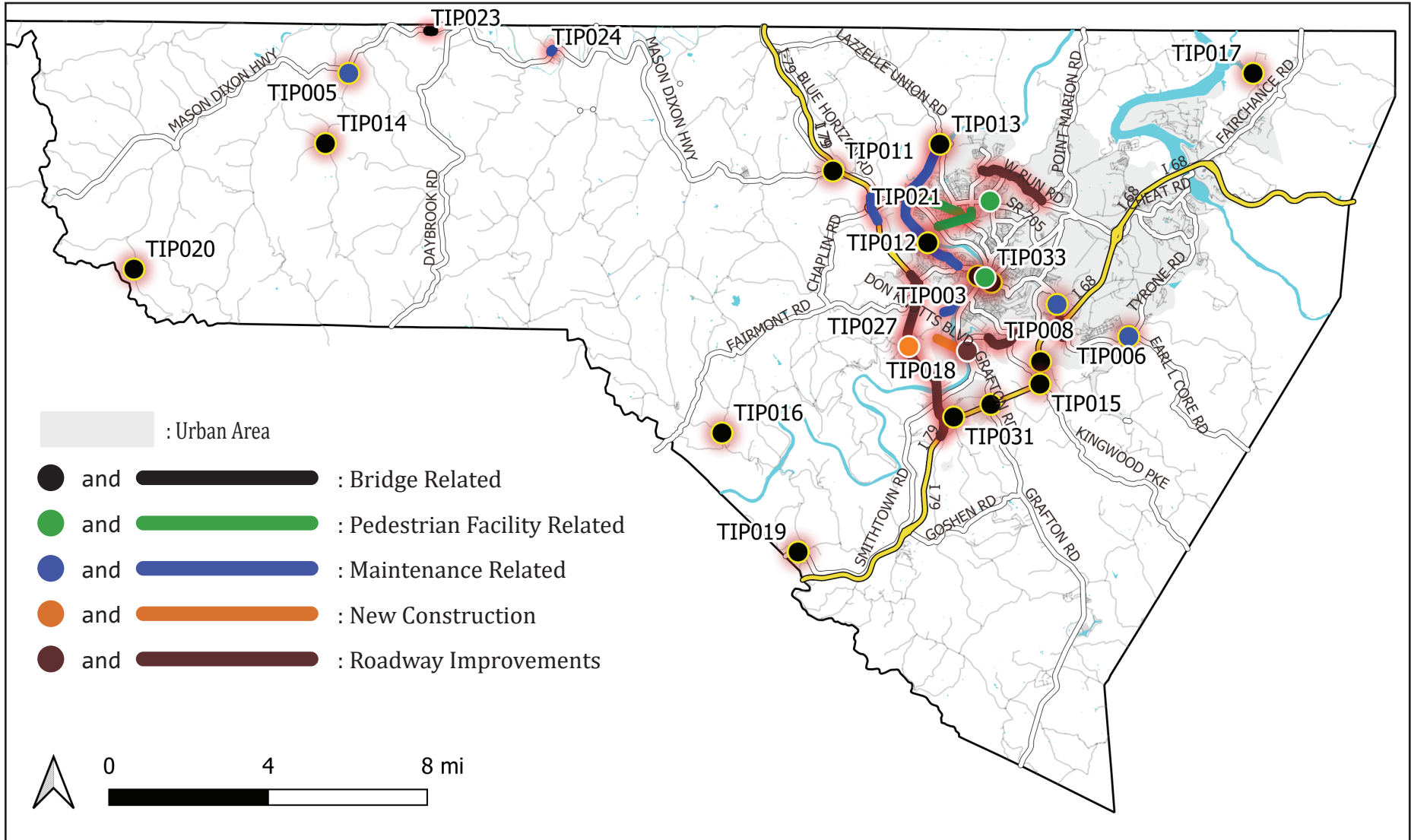


Table: Distribution of Total Funding by Work Types

Type of Work	Amount	Percentage
Maintenance Related	\$79,691,914	35.09%
New Construction	\$66,850,000	29.44%
Roadway Improvements Related	\$41,296,094	18.18%
Bridge Related	\$32,205,000	14.18%
Pedestrian Facility Related	\$7,046,000	3.10%

SECTION 3 - HIGHWAY PROJECTS

Map: Highway Projects - Countywide



SECTION 3 - HIGHWAY PROJECTS

Table: Highway Projects Table by Project Names

More project information are included in Appendix C: Supplementary Highway Project Information

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
2025 D4 RDWY DEPART +3*	2025	HSIP0020435D	CON	SIGNAGE	WV020	HSIP	\$924,214	\$1,026,904
<i>Project: Brookhaven Road Improvements</i>								
BROOKHAVEN ROAD IMPROVEMENTS	2025	CMAQ0007263D	ROW	INSTALL TRAVEL LANES; SIGNAL	WV007	CMAQ	\$15,000	\$15,000
BROOKHAVEN ROAD IMPROVEMENTS	2026	CMAQ0007264D	CON	INSTALL TRAVEL LANES; SIGNAL	WV007	CMAQ	\$475,000	\$475,000
<i>Project: Bula Slab</i>								
BULA SLAB	2028	NHPP0007348D	ENG	DESIGN STUDY - REPLACEMENT	WV7	HWI-BR	\$440,000	\$550,000
BULA SLAB	2029	NHPP0007350D	ROW	BRIDGE REPLACEMENT	WV7	HWI-BR	\$80,000	\$100,000
BULA SLAB	2031	NHPP0007351D	CON	BRIDGE REPLACEMENT	WV7	HWI-BR	\$880,000	\$1,100,000
CAPERTON TRAIL DRAINAGE	2026	NRT2018214D	CON	DESIGN/UPGRADE DRAINAGE	NA999	NRT	\$31,400	\$39,250
CAPERTON TRAIL LIGHTING	2026	NRT2018218D	CON	INSTALL LIGHTING	NA999	NRT	\$239,280	\$299,100

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
CHESTNUT RIDGE PEDESTRIAN MORGANTOWN	2025	HSIP0705022D	CON	PEDESTRIAN IMPROVEMENTS	WV0705	HSIP	\$1,800,000	\$2,000,000
<i>Project: District 4 Recall Striping*</i>								
D-4 RECALL STRIPING	2025	STP2021013D	CON	PAVEMENT MARKINGS(PAINT)	NA9999	STBG-FLEX	\$196,912	\$281,303
D-4 RECALL STRIPING	2026	STP2021013D	CON	PAVEMENT MARKINGS(PAINT)	NA999	STBG-FLEX	\$162,000	\$231,400
D-4 RECALL STRIPING	2027	STP2021013D	CON	PAVEMENT MARKINGS(PAINT)	NA999	STBG-FLEX	\$196,912	\$281,303
D-4 RECALL STRIPING	2028	STP2021013D	CON	PAVEMENT MARKINGS(PAINT)	NA999	STBG-FLEX	\$187,535	\$267,908
D4 RDWAY DEPARTURE*	2025	HSIP2023046D	CON	SIGNING ; DELINEATORS	WV020	HSIP	\$855,000	\$950,000
DECKERS CREEK RAIL TRAIL RESTORATION	2026	TAP2023349D	CON	TRAIL RESURFACE	NA999	NRT	\$208,000	\$260,000
<i>Project: Dellslow Arch</i>								
DELLSLOW ARCH	2026	HWI0007341D	ENG	DESIGN STUDY - REPLACEMENT	WV0007	HWI-BR	\$440,000	\$550,000
DELLSLOW ARCH	2033	STBG0007338D	ENG	BRIDGE REPLACEMENT	WV0007	HWI-BR	\$480,000	\$600,000

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
DELLSLOW ARCH	2034	STBG0007339D	ROW	BRIDGE REPLACEMENT	WV0007	HWI-BR	\$80,000	\$100,000
DELLSLOW ARCH	2035	STBG0007340D	CON	BRIDGE REPLACEMENT	WV0007	HWI-BR	\$680,000	\$850,000
<i>Project: Dug Hill Bridge +1</i>								
DUG HILL BRIDGE +1	2026	HWI0740005D	ENG	DESIGN STUDY - RE-PLACEMENT	WV7/40	HWI-BR	\$360,000	\$450,000
DUG HILL BRIDGE +1	2030	STBG0740004D	CON	DESIGN STUDY - RE-PLACEMENT	WV7/40	HWI-BR	\$1,600,000	\$2,000,000
DUG HILL BRIDGE +1	2034	STBG0740002D	ENG	BRIDGE REPLACEMENT	CO7/40	HWI-BR	\$480,000	\$600,000
DUG HILL BRIDGE +1	2035	STBG0740003D	ROW	BRIDGE REPLACEMENT	CO7/40	HWI-BR	\$80,000	\$100,000
DUNKARD AVE	2025	STBG0100163D	CON	RESURFACE	WV100	STBG-FLEX	\$1,800,000	\$2,250,000
<i>Project: FY 25 Bridge Inseption*</i>								
FY 25 SF BR INSPECT - D4 (CONVERT AC)	2025	NHSTNBIS453D	ENG	BRIDGE INSPECTION	NA9999	STBG-OFF	\$440,000	\$550,000
FY 25 SF BR INSPECT - D4 (CONVERT AC)	2025	NHSTNBIS453D	ENG	BRIDGE INSPECTION	NA9999	STBG-FLEX	\$340,000	\$425,000

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
<i>Project: SF Bridge Inspection*</i>								
FY 26 SF BR INSPECT - D4	2026	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-OFF	\$480,000	\$600,000
FY 26 SF BR INSPECT - D4	2026	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-FLEX	\$480,000	\$600,000
FY 27 SF BR INSPECT - D4	2027	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-OFF	\$480,000	\$600,000
FY 27 SF BR INSPECT - D4	2027	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-FLEX	\$480,000	\$600,000
FY 28 SF BR INSPECT - D4	2028	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-OFF	\$480,000	\$600,000
FY 28 SF BR INSPECT - D4	2028	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-FLEX	\$480,000	\$600,000
FY 29 SF BR INSPECT - D4	2029	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-FLEX	\$480,000	\$600,000
FY 29 SF BR INSPECT - D4	2029	NHST2026015D	ENG	BRIDGE INSPECTION	NA999	STBG-OFF	\$480,000	\$600,000
GREENBAG ROAD (GO BOND 4)	2025	NFA2317022D	CON	IMPROVE I/S & WIDEN	CO857	OTHER-BOND	\$0	\$21,350,000
<i>Project: Harmony Grove Interchange</i>								

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
HARMONY GROVE I/C	2028	NHPP0079109D	ENG	CONST NEW I/C	I-79	EARMARK (WV 117)	\$1,500,000	\$1,500,000
HARMONY GROVE I/C	2028	NHPP0079109D	ENG	CONST NEW I/C	I-79	NHPP	\$1,760,000	\$2,200,000
HARMONY GROVE I/C	2030	NHPP0079110D	ROW	CONST NEW I/C	I-79	NHPP	\$495,000	\$550,000
HARMONY GROVE I/C	2031	NHPP0079111D	CON	CONST NEW I/C	I-79	NHPP	\$22,500,000	\$25,000,000
I-79 LIGHTING	2025	STBG0079084D	CON	LIGHTING	I-79	STBG-FLEX	\$6,750,000	\$7,500,000
INTERSTATE 68 OVERPASS	2025	NHPP0119514D	CON	BRIDGE RENOVATION	US119	HWI-BR	\$5,520,000	\$6,900,000
<i>Project: Jack Fleming Memorial Bridge WB & EB</i>								
JACK FLEMING MEMORIAL BRIDGE WB & EB	2034	STBG0068202D	ENG	BRIDGE REPAIR	I-68	HWI-BR	\$360,000	\$400,000
JACK FLEMING MEMORIAL BRIDGE WB & EB	2035	STBG0068203D	ROW	BRIDGE REPAIR	I-68	HWI-BR	\$8,000	\$10,000
<i>Project: Jere Slab</i>								
JERE SLAB	2027	NHPP0007326D	ENG	BRIDGE REPLACEMENT	WV7	HWI-BR	\$320,000	\$400,000

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
JERE SLAB	2028	NHPP0007327D	ROW	BRIDGE REPLACEMENT	WV7	NHPP-BR	\$80,000	\$100,000
JOSEPH C BARTOLO MEMORIAL BRIDGE	2025	HWI0019589D	CON	BRIDGE REPAIR	US0019	HWI-BR	\$2,800,000	\$3,500,000
<i>Project: Lower Scotts Run Bridge</i>								
LOWER SCOTTS RUN BRIDGE	2028	STBG0100160D	ROW	BRIDGE REHABILITATION	WV100	HWI-BR	\$24,000	\$30,000
LOWER SCOTTS RUN BRIDGE	2028	STBG0100159D	ENG	BRIDGE REHABILITATION	WV100	HWI-BR	\$280,000	\$350,000
LOWER SCOTTS RUN BRIDGE	2029	STBG0100161D	CON	BRIDGE REHABILITATION	WV100	HWI-BR	\$880,000	\$1,100,000
<i>Project: Maidsville Slab</i>								
MAIDSVILLE SLAB	2034	STBG0053014D	ENG	BRIDGE REHABILITATION	CO0053	HWI-BR	\$12,000	\$15,000
MAIDSVILLE SLAB	2035	STBG0053015D	ROW	BRIDGE REHABILITATION	CO0053	HWI-BR	\$8,000	\$10,000
<i>Project: Miracle Run Culvert</i>								
MIRACLE RUN CULVERT	2027	STBG1701003D	CON	BRIDGE REHABILITATION	CO0017/1	HWI-BR	\$40,000	\$50,000

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
MIRACLE RUN CULVERT	2028	STBG1701002D	ROW	BRIDGE REHABILITATION	CO0017/1	HWI-BR	\$40,000	\$50,000
MIRACLE RUN CULVERT	2028	STBG1701001D	ENG	BRIDGE REHABILITATION	CO0017/1	HWI-BR	\$20,000	\$25,000
<i>Project: Morgantown Industrial Park Access Road</i>								
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK)	2029	STBG2024025D	CON	CONST NEW ROAD & BRIDGE	NA999	STBG-FLEX	\$7,600,000	\$7,600,000
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2025	STBG2024025D	CON	CONST NEW ROAD & BRIDGE	NA999	STBG-FLEX	\$10,000,000	\$10,000,000
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2026	STBG2024025D	CON	CONST NEW ROAD & BRIDGE	NA999	STBG-FLEX	\$10,000,000	\$10,000,000
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2027	STBG2024025D	CON	CONST NEW ROAD & BRIDGE	NA999	STBG-FLEX	\$10,000,000	\$10,000,000
MORGANTOWN MUNICIPAL AIRPORT STREETSCAPE	2025	TAP2022133D	CON	ADA SIDEWALKS	NA9999	TAP	\$1,162,400	\$1,453,000
OLD KINGWOOD PIKE BR	2028	STBG0081042D	CON	BRIDGE REPAIR	CO081	HWI-BR	\$3,200,000	\$4,000,000
<i>Project: Osgood Slab</i>								

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
OSGOOD SLAB	2025	HWI0045089D	ENG	DESIGN STUDY - REPLACEMENT	CO0045	HWI-BR	\$96,000	\$120,000
OSGOOD SLAB	2034	STBG0045086D	ENG	BRIDGE REPLACEMENT	CO0045	HWI-BR	\$320,000	\$400,000
OSGOOD SLAB	2035	STBG0045087D	ROW	BRIDGE REPLACEMENT	CO0045	HWI-BR	\$80,000	\$100,000
<i>Project: Ramp D</i>								
RAMP D	2034	STBG0079171D	ENG	BRIDGE REHABILITATION	I-79	HWI-BR	\$540,000	\$600,000
RAMP D	2035	STBG0079172D	ROW	BRIDGE REHABILITATION	I-79	HWI-BR	\$63,000	\$70,000
RIVER ROAD SLIDES	2026	STBG-0045080DTC	CON	SLIDE REPAIR	CO045	PROT	\$6,000,000	\$6,000,000
<i>Project: Roadway Striping*</i>								
ROADWAY STRIPING (D4)	2025	STP2025009D	CON	INST PVMT MARK(PAINT)	NA9999	STBG-FLEX	\$2,024,400	\$2,892,000
ROADWAY STRIPING (D4)	2027	STP2025009D	CON	INST PVMT MARK(PAINT)	NA999	STBG-FLEX	\$811,675	\$1,449,420
ROADWAY STRIPING (D4)	2028	STP2024005D	CON	INST PVMT MARK(PAINT)	NA999	STBG-FLEX	\$811,675	\$1,449,420

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
<i>Project: Rubble Run I-beam</i>								
RUBBLE RUN I-BEAM	2033	STBG0071166D	ENG	BRIDGE REPLACEMENT	CO0071	HWI-BR	\$320,000	\$400,000
RUBBLE RUN I-BEAM	2034	STBG0071167D	ROW	BRIDGE REPLACEMENT	CO0071	HWI-BR	\$80,000	\$100,000
RUBBLE RUN I-BEAM	2035	STBG0071168D	CON	BRIDGE REPLACEMENT	CO0071	HWI-BR	\$640,000	\$800,000
<i>Project: Smithtown Road Traffic Signal</i>								
SMITHTOWN ROAD TRAFFIC SIGNAL	2025	HSIP0119501D	ROW	INSTALL SIGNAL	US119	HSIP	\$100,000	\$100,000
SMITHTOWN ROAD TRAFFIC SIGNAL	2025	HSIP0119502D	CON	INSTALL SIGNAL	HSIP	HSIP	\$1,200,000	\$1,200,000
<i>Project: Smithtown W-beam</i>								
SMITHTOWN W-BEAM	2034	STBG0073097D	ENG	BRIDGE REHABILITATION	CO0073	HWI-BR	\$240,000	\$300,000
SMITHTOWN W-BEAM	2035	STBG0073098D	ROW	BRIDGE REHABILITATION	CO0073	HWI-BR	\$0	\$0
<i>Project: South Fork Culvert</i>								

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
SOUTH FORK CULVERT	2033	STBG0009285D	ENG	BRIDGE REPAIR	CO0009	HWI-BR	\$16,000	\$20,000
SOUTH FORK CULVERT	2034	STBG0009286D	ROW	BRIDGE REPAIR	CO0009	HWI-BR	\$4,000	\$5,000
SOUTH FORK CULVERT	2035	STBG0009287D	CON	BRIDGE REPAIR	CO0009	HWI-BR	\$60,000	\$75,000
<i>Project: Star City Interchange Improvement</i>								
STAR CITY I/C IMPROVEMENT	2029	NHPP0079156D	CON	RECONSTRUCT I/C	I-79	EARMARK WV108	\$2,000,000	\$2,000,000
STAR CITY I/C IMPROVEMENT	2029	NHPP0079156D	CON	RECONSTRUCT I/C	I-79	NHPP	\$57,600,000	\$64,000,000
UNIVERSITY AVE +2	2025	STP0055052D	CON	DESIGN/BUILD ADA RAMPS	CO055	CRP-FLEX	\$1,274,400	\$1,593,000
<i>Project: US Army SPC John R Tennant Memorial Bridge</i>								
US ARMY SPC JOHN R TEN-NANT MEMORIAL BRIDGE	2025	NHPP0007367D	ENG	BRIDGE REPAIR	WV7	HWI-BR	\$40,000	\$50,000
US ARMY SPC JOHN R TEN-NANT MEMORIAL BRIDGE	2025	NHPP0007368D	ROW	BRIDGE REPAIR	WV7	HWI-BR	\$8,000	\$10,000
US ARMY SPC JOHN R TEN-NANT MEMORIAL BRIDGE	2026	NHPP0007369D	CON	BRIDGE REPAIR	WV7	STBG-FLEX	\$720,000	\$900,000

SECTION 3 - HIGHWAY PROJECTS

Project Name	FFY	Federal ID	Phase	Type of Work	Route	Funding Source	Federal Funding	Total Funding
<i>Project: US Marine Sergeant David Paul McCord Memorial Bridge</i>								
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2028	HWI0007325D	ENG	DESIGN STUDY - REPLACEMENT	WV7	HWI-BR	\$400,000	\$450,000
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2033	NHPP0007329D	ENG	BRIDGE REPLACEMENT	WV7	HWI-BR	\$480,000	\$600,000
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2034	NHPP0007330D	ROW	BRIDGE REPLACEMENT	WV7	HWI-BR	\$80,000	\$100,000
<i>Project: Vulnerable Road User (VRU) Morgantown +1</i>								
VRU MORGANTOWN +1	2025	HSIP0705024D	CON	SAFETY IMPROVEMENT	WV705	HSIP	\$90,000	\$100,000
VRU MORGANTOWN +1	2025	HSIP0705023D	ENG	SAFETY IMPROVEMENT	WV705	HSIP	\$45,000	\$50,000
WALNUT ST PEDESTRIAN MORGANTOWN	2025	HSIP0119579D	CON	PEDESTRIAN IMPROVEMENT	US119	HSIP	\$1,800,000	\$2,000,000
<i>Project: Walnut Street Bridge</i>								
WALNUT STREET BRIDGE	2025	NHPP0007382D	ROW	BRIDGE REPAIR	WV7	HWI-BR	\$8,000	\$10,000
WALNUT STREET BRIDGE	2025	NHPP0007383D	CON	BRIDGE REPAIR	WV7	HWI-BR	\$1,200,000	\$1,500,000
WEST RUN RD	2025	HSIP0671006D	CON	WIDEN ROAD	CO067/01	HSIP	\$2,400,000	\$2,400,000

*Districtwide project

PUBLIC TRANSPORTATION PROJECTS

Public transit projects within the MMMPO area are independently managed by the Mountain Line Transit Authority (MLTA) and West Virginia University (WVU). Both MLTA and WVU utilize the MPO's public participation process to meet their public participation requirements for the TIP.

The TIP information for MLTP and WVU reflects data as of August 2024. For the latest updates, please visit the MPO's website at www.PlanTogether.org.

Mountain Line Transit Authority Transit Projects

Table: MLTA Projects - Operating Assistance

Category	Source	2025		2026	
		Federal	Local	Federal	Local
Operating Assistance	5307 -	\$3,434,495	\$3,434,495	\$3,375,864	\$3,375,864
Federal 5311(f) Intercity	5311	\$270,300	\$270,300	\$270,300	\$270,300
Operating Assistance	5310	\$84,000	\$21,000	\$84,000	\$21,000

Category	Source	2027		2028	
		Federal	Local	Federal	Local
Operating Assistance	5307 -	\$3,375,864	\$3,375,864	\$3,375,864	\$3,375,864
Federal 5311(f) Intercity	5311	\$270,300	\$270,300	\$270,300	\$270,300
Operating Assistance	5310	\$84,000	\$21,000	\$84,000	\$21,000

SECTION 4 - PUBLIC TRANSIT PROJECTS

Definition

Operating Assistance: Costs necessary to operate, maintain, and manage a public transportation system. Operating expenses usually include such costs as driver salaries, fuel, and items having a useful life of less than one year.

Federal 5311(f) Intercity: Regularly scheduled bus service for the general public that operates with.

Operating Assistance: Mobility management is a capital project activity that consists of short-range planning and management activities and projects for improving coordination among public.

Table: MLTA Projects - Capital Assistance

Category	Source	2025		2026	
		Federal	Local	Federal	Local
Operating Assistance - Capital	5307	\$250,000	\$62,500	\$250,000	\$62,500
Revenue Rolling Stock Replacement	5339	\$445,189	\$111,297	\$150,000	\$37,500
Revenue Rolling Stock Replacement	5339	\$1,400,000	\$350,000	--	--
Bus Facility Roof Replacement	5339	\$1,360,000	\$340,000	--	--

Category	Source	2027		2028	
		Federal	Local	Federal	Local
Operating Assistance - Capital	5307	\$250,000	\$62,500	\$250,000	\$62,500
Revenue Rolling Stock Replacement	5339	\$150,000	\$37,500	\$150,000	\$37,500
Revenue Rolling Stock Replacement	5339	--	--	--	--
Bus Facility Roof Replacement	5339	--	--	--	--

Definition

Operating Assistance - Capital: 5307 Preventative Maintenance

Revenue Rolling Stock Replacement: For purchase of revenue producing vehicles.

Bus Facility Roof Replacement: For Roof Replacement

West Virginia University PRT

Table: WVU PRT Projects

Category	Source	2025		2026	
		Federal	Local	Federal	Local
Reveue Rolling Stock Replacement	5337	\$0	\$0	\$0	\$0
Reveue Rolling Stock Expansion	5337	\$0	\$0	\$0	\$0
Support Vehicles	5337	\$0	\$0	\$0	\$0
Buildings - A&E	5337	\$0	\$0	\$0	\$0
Buildings - Construction	5337	\$0	\$0	\$0	\$0
Buildings Rehabilitation	5337	\$0	\$0	\$1,107,000	\$276,750
Buildings Rehabilitation	Discretionary FFY2024 Community Project Funds	\$6,400,000	\$1,800,000	\$0	\$0
Computers - Hardware	5337	\$0	\$0	\$0	\$0
Computers - Software	5337	\$0	\$0	\$0	\$0
Maintenance	5337	\$340,000	\$85,000	\$300,000	\$75,000
Office Equipment	5337	\$0	\$0	\$0	\$0
Planning	5337	\$1,000,000	\$250,000	\$0	\$0
Communications	5337	\$0	\$0	\$0	\$0
Security	5337	\$0	\$0	\$0	\$0
Shop Equipment	5337	\$0	\$0	\$0	\$0
Preventative Maintenance, Infras- tructure Rehabilitation/Renovation	5337 STATE OF GOOD REPAIR	\$1,209,121	\$305,000	\$780,000	\$195,000

Category	Source	2027		2028	
		Federal	Local	Federal	Local
Reveue Rolling Stock Replacement	5337	\$0	\$0	\$0	\$0
Reveue Rolling Stock Expansion	5337	\$0	\$0	\$0	\$0
Support Vehicles	5337	\$0	\$0	\$0	\$0
Buildings - A&E	5337	\$0	\$0	\$0	\$0
Buildings - Construction	5337	\$0	\$0	\$0	\$0
Buildings Rehabilitation	5337	\$1,177,500	\$294,375	\$0	\$0

SECTION 4 - PUBLIC TRANSIT PROJECTS

Category	Source	2027		2028	
		Federal	Local	Federal	Local
Buildings Rehabilitation	Discretionary FFY2024 Community Project Funds	\$0	\$0	\$0	\$0
Computers - Hardware	5337	\$0	\$0	\$1,551,000	\$387,750
Computers - Software	5337	\$0	\$0	\$0	\$0
Maintenance	5337	\$300,000	\$75,000	\$0	\$0
Office Equipment	5337	\$0	\$0	\$0	\$0
Planning	5337	\$0	\$0	\$0	\$0
Communications	5337	\$0	\$0	\$0	\$0
Security	5337	\$0	\$0	\$0	\$0
Shop Equipment	5337	\$0	\$0	\$0	\$0
Preventative Maintenance, Infras- tructure Rehabilitation/Renovation	5337 STATE OF GOOD REPAIR	\$1,202,245	\$305,000	\$1,276,332	\$320,000

Table: Supplemental WVU PRT Information for Past FFYs (2023, 2024)

Category	Source	2023		2024	
		Federal	Local	Federal	Local
Preventative Maintenance, Infras- tructure Rehabilitation/Renovation	5337 STATE OF GOOD REPAIR	\$2,096,698	\$524,174	\$1,674,325	\$422,000
Infrastructure Rehabilitation/Ren- ovation	FFY 24 Community Project Funds	\$0	\$0	\$0	\$0

Definition:

Revenue Rolling Stock Replacement: All revenue producing vehicles

Revenue Rolling Stock Expansion: All revenue producing vehicles.

Support Vehicles : Support/shop vehicles.

Buildings - A&E: Buildings and grounds

Buildings - Construction: Buildings and grounds

Buildings Rehabilitation: Buildings and grounds

Buildings Rehabilitation: Buildings and grounds

Computers - Hardware: Computer hardware

Computers - Software: Computer software

Maintenance: PMs, spare parts, tires, oil/lubricants, coolants

Office Equipment: Furniture, copiers, etc

Planning: Planning activities related to transit.

Communications: Communications equipment

Security: Security Systems for facilities or vehicles.

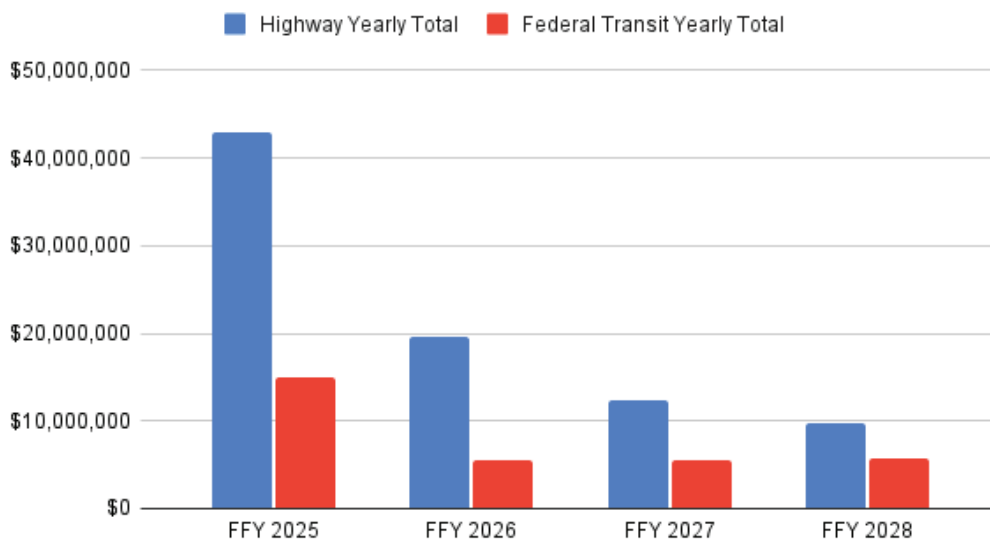
Shop Equipment: Bus washers, tools, fuel systems, etc

FEDERAL FUNDING STREAM SUMMARY

This section outlines the federal funding streams for all projects included in the TIP. These projects include West Virginia Division of Highways (WV DOH) highway projects, Mountain Line Transit Authority (MLTA) transit projects, and West Virginia University (WVU) public transit and Personal Rapid Transit (PRT) projects.

The summary provides an overview of highway projects scheduled from Federal Fiscal Year (FFY) 2025 to FFY 2030, as well as transit projects planned from FFY 2025 to FFY 2028. This comprehensive review ensures alignment with federal, state, and local transportation priorities, supporting ongoing efforts to enhance infrastructure and mobility across the region.

Graphic: Highway and Transit Project Total Federal Funding by Year



SECTION 5 - FEDERAL FUNDING STREAM SUMMARY

	Federal Funding Source	FY2025	FY2026	FY2027	FY2028	FY2029 ¹	FY2030 ¹	Source Total
Federal Highways	CMAQ	\$15,000	\$475,000	--	--	--	--	\$490,000
	CRP-FLEX	\$1,274,400	--	--	--	--	--	\$1,274,400
	EARMARK (WV 117)	--	--	--	\$1,500,000	--	--	\$1,500,000
	EARMARK WV108	--	--	--	--	\$2,000,000	--	\$2,000,000
	HSIP	\$9,214,214	--	--	--	--	--	\$9,214,214
	HWI-BR	\$9,672,000	\$800,000	\$360,000	\$4,404,000	\$960,000	\$1,600,000	\$17,796,000
	NHPP	--	--	--	\$1,760,000	\$57,600,000	\$495,000	\$59,855,000
	NHPP-BR	--	--	--	\$80,000	--	--	\$80,000
	NRT	--	\$478,680	--	--	--	--	\$478,680
	PROT	--	\$6,000,000	--	--	--	--	\$6,000,000
	STBG-FLEX	\$21,111,312	\$11,362,000	\$11,488,587	\$1,479,210	\$8,080,000	--	\$53,521,109
	STBG-OFF	\$440,000	\$480,000	\$480,000	\$480,000	\$480,000	--	\$2,360,000
	TAP	\$1,162,400	--	--	--	--	--	\$1,162,400
	Highway Total	\$42,889,326	\$19,595,680	\$12,328,587	\$9,703,210	\$69,120,000	\$2,095,000	\$155,731,803
Mountain Line Transit	Operating Assistance	\$3,434,495	\$3,375,864	\$3,375,864	\$3,375,864	--	--	\$13,562,087
	Federal 5311(f) Intercity	\$270,300	\$270,300	\$270,300	\$270,300	--	--	\$1,081,200
	Operating Assistance	\$84,000	\$84,000	\$84,000	\$84,000	--	--	\$336,000
	Operating Assistance - Capital	\$250,000	\$250,000	\$250,000	\$250,000	--	--	\$1,000,000
	Revenue Rolling Stock Replacement	\$445,189	\$150,000	\$150,000	\$150,000	--	--	\$895,189
	Revenue Rolling Stock Replacement	\$1,400,000	--	--	--	--	--	\$1,400,000
	Bus Facility Roof Replacement	\$1,360,000	--	--	--	--	--	\$1,360,000
WVU PRT	Buildings Rehabilitation	\$0	\$1,107,000	\$1,177,500	\$0	--	--	\$2,284,500
	Buildings Rehabilitation ²	\$6,400,000	\$0	\$0	\$0	--	--	\$6,400,000
	Computers - Hardware	\$0	\$0	\$0	\$1,551,000	--	--	\$1,551,000
	Maintenance	\$340,000	\$300,000	\$300,000	\$0	--	--	\$940,000
	Planning	\$1,000,000	\$0	\$0	\$0	--	--	\$1,000,000
	Maintenance ³	\$1,209,121	\$780,000	\$1,202,245	\$1,276,332	--	--	\$4,467,703
	Transit Total	\$16,193,105	\$6,317,164	\$6,809,909	\$6,957,496	--	--	\$31,809,976
	Grand Total	\$59,082,431	\$25,912,844	\$19,138,496	\$16,660,706	\$69,120,000	\$2,095,000	\$192,009,477

¹ Additional illustrative information beyond the federally required TIP horizon year.

² Discretionary FFY2024 Community Project Funds

³ Preventative Maintenance, Infrastructure Rehabilitation/Renovation (5337 STATE OF GOOD REPAIR)

ENVIRONMENTAL JUSTICE (EJ) ANALYSIS RESULTS

In accordance with Title VI of the Civil Rights Act of 1964 and Executive Order 12898, the MMMPO is committed to evaluating the potential impacts of transportation projects on low-income and minority populations, including individuals with limited English proficiency, throughout Monongalia County.

This section identifies disadvantaged communities within the MMMPO area and assesses how the TIP projects may affect these communities, with a focus on ensuring that there are no disproportionately negative impacts on low-income or minority communities.

A detailed analysis methodology and data information can be found in Appendix A: Environmental Justice (EJ) Analysis.

MMMPO EJ Area & Project Overlay

Based on data from mapping tools developed by the U.S. DOT and U.S. EPA, the MMMPO has designated certain areas within the region as Environmental Justice (EJ) communities. Any community identified by one or more of the referenced sources is classified as an EJ area for the purposes of this Transportation Improvement Program (TIP) document. These designations underscore the areas' heightened vulnerability to specific challenges and the need for targeted resources to foster equitable infrastructure improvements.

TIP highway projects are overlaid on the EJ areas to visually assess the spatial relationship between the project locations and the EJ communities.

Please note that not all TIP highway projects are mapped. Unmapped projects include districtwide initiatives, trails projects, and subarea-specific projects.

EJ Analysis Outcome

Of the mapped projects, 18 are located within Environmental Justice (EJ) areas, 13 are outside of EJ areas, and 2 are partially within EJ areas. The total funding allocated to projects located fully or partially within EJ areas is approximately \$165 million, while projects outside EJ areas account for approximately \$48 million in total funding.

The distribution of funding reflects a strong emphasis on supporting infrastructure improvements in Environmental Justice (EJ) areas, where the need for equitable investment is critical. With over three times more funding directed toward projects in or partially within EJ areas compared to those outside, it demonstrates a commitment to addressing disparities in these communities.

Table: Project Locations Relating to Environmental Justice Area

Project Name	Map ID	Total Funding*	EJ Area
BROOKHAVEN ROAD IMPROVEMENTS	TIP004	\$490,000	In
BULA SLAB	TIP005	\$1,750,000	Out
CHESTNUT RIDGE PEDESTRIAN MORGANTOWN	TIP028	\$2,000,000	In
DELLSLOW ARCH	TIP006	\$2,100,000	In
DUG HILL BRIDGE +1	TIP007	\$3,150,000	In
DUNKARD AVE	TIP029	\$2,250,000	In
GREENBAG ROAD (GO BOND 4)	TIP008	\$21,350,000	Partially In
HARMONY GROVE I/C	TIP027	\$29,250,000	Out
I-79 LIGHTING	TIP001	\$7,500,000	Out
INTERSTATE 68 OVERPASS	TIP009	\$6,900,000	In
JACK FLEMING MEMORIAL BRIDGE WB & EB	TIP010	\$410,000	Partially In
JERE SLAB	TIP011	\$500,000	Out
JOSEPH C BARTOLO MEMORIAL BRIDGE	TIP003	\$3,500,000	In

SECTION 6 - ENVIRONMENTAL JUSTICE ANALYSIS RESULTS

Project Name	Map ID	Total Funding*	EJ Area
LOWER SCOTTS RUN BRIDGE	TIP012	\$1,480,000	In
MAIDSVILLE SLAB	TIP013	\$25,000	Out
MIRACLE RUN CULVERT	TIP014	\$125,000	Out
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK)	TIP030	\$37,600,000	In
OLD KINGWOOD PIKE BR	TIP015	\$4,000,000	Out
OSGOOD SLAB	TIP016	\$620,000	Out
RAMP D	TIP031	\$670,000	In
RIVER ROAD SLIDES	TIP002	\$6,000,000	In
RUBBLE RUN I-BEAM	TIP017	\$1,300,000	Out
SMITHTOWN ROAD TRAFFIC SIGNAL	TIP018	\$1,300,000	In
SMITHTOWN W-BEAM	TIP019	\$300,000	Out
SOUTH FORK CULVERT	TIP020	\$100,000	Out
STAR CITY I/C IMPROVEMENT	TIP021	\$66,000,000	In
UNIVERSITY AVE +2	TIP022	\$1,593,000	In
US ARMY SPC JOHN R TENNANT MEMORIAL BRIDGE	TIP023	\$960,000	Out
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	TIP024	\$1,150,000	Out
VRU MORGANTOWN +1	TIP032	\$2,150,000	In
WALNUT ST PEDESTRIAN MORGANTOWN	TIP033	\$2,000,000	In
WALNUT STREET BRIDGE	TIP025	\$1,510,000	In
WEST RUN RD	TIP026	\$2,400,000	In

*The funding totals include all phases of each project—engineering, right-of-way acquisition, and construction—and reflect the cumulative funding across various Federal Fiscal Years (FFYs) associated with the projects.

ENVIRONMENTAL JUSTICE (EJ) ANALYSIS DETAILS

Environmental Justice(EJ)

Environmental Justice (EJ) in transportation planning refers to the fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income, in the development, implementation, and enforcement of transportation policies and projects. EJ seeks to ensure that minority and low-income populations are not disproportionately affected by adverse environmental, social, and health impacts of transportation decisions. In practice, EJ in transportation planning involves:

1. **Equitable Distribution of Benefits:** Ensuring that transportation improvements—such as better access to transit, safer streets, and cleaner air—are fairly distributed among all populations, especially those historically underserved.
2. **Mitigation of Negative Impacts:** Identifying and mitigating potential negative impacts of transportation projects on disadvantaged communities, such as increased noise, air pollution, displacement, or reduced access to services.
3. **Inclusive Public Participation:** Actively involving low-income and minority populations, as well as those with limited English proficiency, in the planning process to ensure their needs, concerns, and preferences are understood and addressed.
4. **Compliance with Legal Requirements:** Following federal regulations, such as Title VI of the Civil Rights Act of 1964 and Executive Order 12898, which require transportation agencies to avoid disproportionately high and adverse effects on EJ communities and ensure fair treatment for all.

EJ in transportation planning is critical to fostering inclusive, sustainable development and improving the quality of life for all residents, particularly those in vulnerable or underserved communities.

EJ Analysis Methodology

The MMMPO uses two primary data sets to assess the impact of proposed TIP projects on disadvantaged communities within the urban area.

U.S. Census Data, including the American Community Survey (ACS): The first data set provides a comprehensive view of the demographic landscape in the MMMPO region. It captures essential indicators such as poverty levels, racial and the prevalence of languages spoken other than English. This data helps the MMMPO gain an overall understanding of the socioeconomic and demographic characteristics of the area.

Data from the U.S. Department of Transportation's (USDOT) Equitable Transportation Community (ETC) Explorer and the Environmental Protection Agency's (EPA) EJScreen: The second data set is derived from these federal tools, which are designed to identify disadvantaged communities. These tools apply formulas developed by the USDOT and EPA to analyze factors such as economic, environmental, and health risks. The data helps pinpoint communities that may be more susceptible to negative impacts from transportation projects due to existing vulnerabilities.

To ensure a robust analysis, three resources are specifically used to identify EJ communities:

- **DOT Disadvantaged Census Tracts:** Identified through the USDOT's assessment of census tracts that exhibit high levels of disadvantage.
- **Disadvantaged Communities using the Justice40 Climate and Economic Justice Screening Tool (CEJST):** This tool, developed under the federal Justice40 initiative, highlights areas that face heightened climate and economic challenges.
- **EPA Inflation Reduction Act (IRA) Disadvantaged Communities:** This resource identifies areas that are prioritized for environmental and economic benefits under the Inflation Reduction Act's provisions.

Any community identified by one or more of these resources is classified as an Environmental Justice (EJ) community for the purposes of this TIP document.

The final step in the EJ analysis is to overlay the geographic locations of proposed TIP projects onto the map of identified EJ communities. This spatial analysis helps determine the potential impacts—both positive and negative—of each project on these communities. The MMMPO then assesses how these

projects might affect EJ populations in terms of access to transportation, environmental quality, public health, and overall quality of life.

This process helps to ensure that transportation improvements benefit all residents equitably and that any adverse impacts on disadvantaged populations are minimized or mitigated.

Demographic Overview

The overview is based on 2022 American Community Survey data.

Total Population

The Census Bureau's American Community Survey indicated that Monongalia County had an estimated total population of **105,822**. Approximately **86%** (**91,557**) of those residents reside in and around the urban area.

Race

There were about **15,810** Self-reported "non-white" residents in Monongalia County making up **15%** of the County's population. Approximately **94%** (**14,911**) of these residents live inside of the urban area with the highest density close to a WVU campus.

Home Language

There were **3,670** County residents who report that they speak a language besides English at home. Approximately **94%** (**3,480**) of those residents reside inside or around of the urban area. The highest density area for this population is in the vicinity of the WVU campus.

Poverty

There are approximately **44,206** household in the county, including family households and non-family households. About **20%** (**8,705**) of the total household reported that they are at or below poverty level. About **94%** (**8,141**) of these households locate inside or close to 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 is in the vicinity of WVU's campuses, and in Granville and Westover.

Overall Assessment

The areas with high concentrations of minority populations, individuals living in poverty, and those with potential limited English proficiency (LEP)

are well-served by existing public transit options, including the Personal Rapid Transit (PRT) system. These communities benefit from access to reliable transportation services such as road improvements and transit access.

When examining the total population density and related traffic volumes in these areas, there is no indication that the proposed TIP projects will result in an undue amount of negative impact, such as population, noise, and congestion.

Disadvantaged Community Census Tracts

The US Department of Transportation (DOT) calculates disadvantaged census tracts using the ETC Explorer tool, which considers five components of transportation disadvantage: Transportation Insecurity, Health Vulnerability, Environmental Burden, Social Vulnerability, and Climate and Disaster Risk Burden. The ETC Explorer calculates a composite score for each component by summing the ranked normalized indicators. The data is normalized using min-max scaling, which transforms the data into a standard range of 0 to 1. A census tract is considered disadvantaged if its overall index score places it in the 65% (or higher) of all US census tracts. ETC Explorer's five components of disadvantage are:

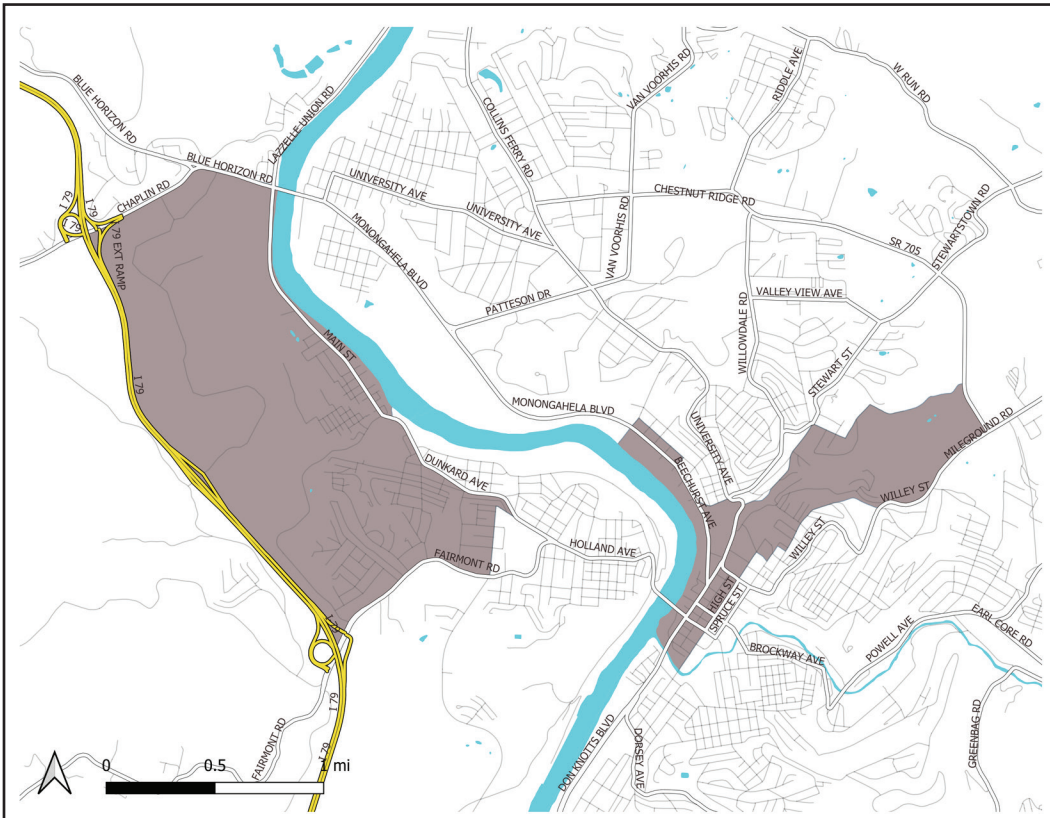
1. Transportation Insecurity
2. Environmental Burden
3. Social Vulnerability
4. The Health Vulnerability
5. Climate and Disaster Risk Burden

The analysis reveals that the DOT-designated disadvantaged census tracts encompass a significant portion of the urban area within the region. These areas include key locations such as Downtown Morgantown, Star City, Granville, Westover, the West Run Zoning District, and the Morgantown Industrial Park.

Justice 40 CEJST Disadvantaged Communities

The Justice40 Climate and Economic Justice Screening Tool (CEJST) evaluates and identifies communities that are considered disadvantaged based on the Justice40 Initiative’s criteria. These criteria are climate change, energy, health, housing, legacy pollution, transportation, water and wastewater, and workforce development.

Map: Justice 40 Disadvantaged Community



Through this assessment, it was determined that Granville qualifies as a disadvantaged community under three categories: climate change, health, and workforce development. Meanwhile, the Downtown Morgantown and WVU Downtown Campus area meets the criteria in one category: workforce development. These designations highlight the areas’ vulnerability to specific challenges and the need for targeted resources to promote equitable improvements.

Climate Change

Communities are identified as disadvantaged if they are in census tracts that:

- ARE at or above the 90th percentile for expected agriculture loss rate OR expected building loss rate OR expected population loss rate OR projected flood risk OR projected wildfire risk
- AND are at or above the 65th percentile for low income

Health

Communities are identified as disadvantaged if they are in census tracts that:

- ARE at or above the 90th percentile for asthma OR diabetes OR heart disease OR low life expectancy
- AND are at or above the 65th percentile for low income

Workforce Development

Communities are identified as disadvantaged if they are in census tracts that:

- ARE at or above the 90th percentile for linguistic isolation OR low median income OR poverty OR unemployment
- AND more than 10% of people ages 25 years or older whose high school education is less than a high school diploma

EPA IRA Disadvantaged Communities

The EPA Inflation Reduction Act (IRA) Disadvantaged Communities map combines multiple datasets that individually can be used to determine whether a community is disadvantaged for the purposes of implementing programs under the IRA. All data sets are assigned values at the Census block group level. The criteria and associated datasets used in the map are:

- Any census tract that is included as disadvantaged in CEJST
- Any census block group at or above the 90th percentile for any of EJScreen's Supplemental Indexes when compared to the nation or state. The Indexes include percentage of low income, percentage of persons with disabilities, percentage of limited English speaking, percentage of less than high school education, and low life expectancy.

The assessment revealed that IRA-designated disadvantaged communities are primarily located in the following areas: Downtown Morgantown, Westover, the Mylan Park area, Granville, Madsville, the West Run Zoning District, the Sunnyside neighborhood, Wiles Hill, North Hill, Greenmont, Woodburn, Sabraton, Arnettsville, and parts of the Cheat Lake area.

**HIGHWAY PROJECTS SUPPLEMENTARY
INFORMATION**

APPENDIX B: HIGHWAY PROJECTS SUPPLEMENTARY INFORMATION

Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
2025 D4 RDWY DEPART +3*	2025	S384- 020 0 00	HSIP0020435D	WV020	96.26	0	N/A	PM1
<i>Project: Brookhaven Road Improvements</i>								
BROOKHAVEN ROAD IMPROVEMENTS	2025	U331 7 03620 00	CMAQ0007263D	WV007	0.4	36.2	TIP004	PM3
BROOKHAVEN ROAD IMPROVEMENTS	2026	U331 7 03620 00	CMAQ0007264D	WV007	0.4	36.2	TIP004	PM3
<i>Project: Bula Slab</i>								
BULA SLAB	2028	S231 7 1030 00	NHPP0007348D	WV7	0.04	10.3	TIP005	PM2
BULA SLAB	2029	S331 7 1030 00	NHPP0007350D	WV7	0.04	10.3	TIP005	PM2
BULA SLAB	2031	S331 7 1030 00	NHPP0007351D	WV7	0.04	10.3	TIP005	PM2
CAPERTON TRAIL DRAINAGE	2026	U331 CAPER 2 00	NRT2018214D	NA999	0	0	N/A	PM3
CAPERTON TRAIL LIGHTING	2026	U331 CAPER 3 00	NRT2018218D	NA999	0	0	N/A	PM3
CHESTNUT RIDGE PEDESTRIAN MORGANTOWN	2025	U331- 705/00 1.69 00 23	HSIP0705022D	WV0705	0.01	1.69	TIP028	

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
<i>Project: District 4 Recall Striping*</i>								
D-4 RECALL STRIPING	2025	S384 RECAL 25 00	STP2021013D	NA9999	0	0	N/A	PM1
D-4 RECALL STRIPING	2026	S384 RECAL 26 00	STP2021013D	NA999	0	0	N/A	PM1
D-4 RECALL STRIPING	2027	S384RECAL2700	STP2021013D	NA999	0	0	N/A	PM1
D-4 RECALL STRIPING	2028	S384 RECAL 28 00	STP2021013D	NA999	0	0	N/A	PM1
<i>D4 RDWAY DEPARTURE*</i>								
D4 RDWAY DEPARTURE*	2025	S384RDWAY200	HSIP2023046D	WV020	0	0	N/A	PM1
DECKERS CREEK RAIL TRAIL RESTORATION	2026	U331-DEC/KE-1.00	TAP2023349D	NA999	0	0	N/A	PM3
<i>Project: Dellslow Arch</i>								
DELLSLOW ARCH	2026	S231 7 3865 00	HWI0007341D	WV0007	0.02	38.65	TIP006	PM2
DELLSLOW ARCH	2033	S331 7 3865 00	STBG0007338D	WV0007	0.02	38.65	TIP006	PM2
DELLSLOW ARCH	2034	S331 7 3865 00	STBG0007339D	WV0007	0.02	38.65	TIP006	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
DELLSLOW ARCH	2035	S331 7 3865 00	STBG0007340D	WV0007	0.02	38.65	TIP006	PM2
<i>Project: Dug Hill Bridge +1</i>								
DUG HILL BRIDGE +1	2026	S231 740 002 00	HWI0740005D	WV7/40	0.04	0.02	TIP007	PM2
DUG HILL BRIDGE +1	2030	S331 740 002 00	STBG0740004D	WV7/40	0.04	0.02	TIP007	PM2
DUG HILL BRIDGE +1	2034	S331 740 002 00	STBG0740002D	CO7/40	0.04	0.02	TIP007	PM2
DUG HILL BRIDGE +1	2035	S331 740 002 00	STBG0740003D	CO7/40	0.04	0.02	TIP007	PM2
DUNKARD AVE	2025	S331- 100 0 00	STBG0100163D	WV100	3.97	0	TIP029	PM2
<i>Project: FY 25 Bridge Inseption*</i>								
FY 25 SF BR INSPECT - D4 (CONVERT AC)	2025	T684 NBIS 25 00	NHSTNBIS453D	NA9999	0	0	N/A	PM2
FY 25 SF BR INSPECT - D4 (CONVERT AC)	2025	T684 NBIS 25 00	NHSTNBIS453D	NA9999	0	0	N/A	PM2
<i>Project: SF Bridge Inspection*</i>								

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
FY 26 SF BR INSPECT - D4	2026	T684 NBIS 25 00	NHST2026015D	NA999	0	0	N/A	PM2
FY 26 SF BR INSPECT - D4	2026	T684 NBIS 25 00	NHST2026015D	NA999	0	0	N/A	PM2
FY 27 SF BR INSPECT - D4	2027	T684NBIS2700	NHST2027015D	NA999	0	0	N/A	PM2
FY 27 SF BR INSPECT - D4	2027	T684NBIS2700	NHST2027015D	NA999	0	0	N/A	PM2
FY 28 SF BR INSPECT - D4	2028	T684NBIS2800	NHST2028015D	NA999	0	0	N/A	PM2
FY 28 SF BR INSPECT - D4	2028	T684NBIS2800	NHST2028015D	NA999	0	0	N/A	PM2
FY 29 SF BR INSPECT - D4	2029	T684NBIS2900	NHST2029015D	NA999	0	0	N/A	PM2
FY 29 SF BR INSPECT - D4	2029	T684NBIS2900	NHST2029015D	NA999	0	0	N/A	PM2
GREENBAG ROAD (GO BOND 4)	2025	U331 857 00067 00	NFA2317022D	CO857	1.08	0.67	TIP008	PM3
<i>Project: Harmony Grove Interchange</i>								
HARMONY GROVE I/C	2028	U331 79 15100 00	NHPP0079109D	I-79	0.05	151	TIP027	PM3

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
HARMONY GROVE I/C	2028	U331 79 15100 00	NHPP0079109D	I-79	0.05	151	TIP027	PM3
HARMONY GROVE I/C	2030	U331 79 15100 00	NHPP0079110D	I-79	0.05	151	TIP027	PM3
HARMONY GROVE I/C	2031	U331 79 15100 00	NHPP0079111D	I-79	0.05	151	TIP027	PM3
I-79 LIGHTING	2025	U331 79 14801 00	STBG0079084D	I-79	4.99	148.01	TIP001	PM1
INTERSTATE 68 OVERPASS	2025	S331 119 1025 00	NHPP0119514D	US119	0.02	10.25	TIP009	PM2
<i>Project: Jack Fleming Memorial Bridge WB & EB</i>								
JACK FLEMING MEMORIAL BRIDGE WB & EB	2034	S331 68 322 00	STBG0068202D	I-68	0.05	3.22	TIP010	PM2
JACK FLEMING MEMORIAL BRIDGE WB & EB	2035	S331 68 322 00	STBG0068203D	I-68	0.05	3.22	TIP010	PM2
<i>Project: Jere Slab</i>								
JERE SLAB	2027	S331 7 2773 00	NHPP0007326D	WV7	0.02	27.73	TIP011	PM2
JERE SLAB	2028	S331 7 2773 00	NHPP0007327D	WV7	0.02	27.73	TIP011	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
JOSEPH C BARTOLO MEMORIAL BRIDGE	2025	S331 19 1108 00	HWI0019589D	US0019	0.15	11.08	TIP003	PM2
<i>Project: Lower Scotts Run Bridge</i>								
LOWER SCOTTS RUN BRIDGE	2028	S331 100 241 00	STBG0100160D	WV100	0.01	2.41	TIP012	PM2
LOWER SCOTTS RUN BRIDGE	2028	S331 100 241 00	STBG0100159D	WV100	0.01	2.41	TIP012	PM2
LOWER SCOTTS RUN BRIDGE	2029	S331 100 241 00	STBG0100161D	WV100	0.01	2.41	TIP012	PM2
<i>Project: Maidsville Slab</i>								
MAIDSVILLE SLAB	2034	S331 53 001 00	STBG0053014D	CO0053	0.01	0.01	TIP013	PM2
MAIDSVILLE SLAB	2035	S331 53 001 00	STBG0053015D	CO0053	0.01	0.01	TIP013	PM2
<i>Project: Miracle Run Culvert</i>								
MIRACLE RUN CULVERT	2027	S331 171 231 00	STBG1701003D	CO0017/1	0.01	2.31	TIP014	PM2
MIRACLE RUN CULVERT	2028	S331 171 231 00	STBG1701002D	CO0017/1	0.01	2.31	TIP014	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
MIRACLE RUN CULVERT	2028	S331 171 231 00	STBG1701001D	CO0017/1	0.01	2.31	TIP014	PM2
<i>Project: Morgantown Industrial Park Access Road</i>								
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK)	2029	X331 MIPAR 00 23	STBG2024025D	NA999	0	0	TIP030	PM3
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2025	X231 MIPAR 00 23	STBG2024025D	NA999	0	0	TIP030	PM3
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2026	X231 MIPAR 00 23	STBG2024025D	NA999	0	0	TIP030	PM3
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (CONVERT AC)	2027	X231 MIPAR 00 23	STBG2024025D	NA999	0	0	TIP030	PM3
MORGANTOWN MUNICIPAL AIRPORT STREETS-CAPE	2025	U331-MOR/GA-21.00	TAP2022133D	NA9999	0	0	N/A	PM3
OLD KINGWOOD PIKE BR	2028	S331 81 629 00	STBG0081042D	CO081	0.02	6.29	TIP015	PM2
<i>Project: Osgood Slab</i>								
OSGOOD SLAB	2025	S231 45 105 00	HWI0045089D	CO0045	0.02	1.05	TIP016	PM2
OSGOOD SLAB	2034	S331 45 105 00	STBG0045086D	CO0045	0.02	1.05	TIP016	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
OSGOOD SLAB	2035	S331 45 105 00	STBG0045087D	CO0045	0.02	1.05	TIP016	PM2
<i>Project: Ramp D</i>								
RAMP D	2034	S331 79 001 00	STBG0079171D	I-79	0.01	0.01	TIP031	PM2
RAMP D	2035	S331 79 001 00	STBG0079172D	I-79	0.01	0.01	TIP031	PM2
RIVER ROAD SLIDES	2026	S331 45 1150 00	STBG-0045080DTC	CO045	0.67	11.5	TIP002	PM3
<i>Project: Roadway Striping*</i>								
ROADWAY STRIPING (D4)	2025	S384 STRIP 25 00	STP2025009D	NA9999	0	0	N/A	PM1
ROADWAY STRIPING (D4)	2027	S384STRIP2700	STP2025009D	NA999	0	0	N/A	PM1
ROADWAY STRIPING (D4)	2028	S384 STRIP 28 00	STP2024005D	NA999	0	0	N/A	PM1
<i>Project: Rubble Run I-beam</i>								
RUBBLE RUN I-BEAM	2033	S331 71 091 00	STBG0071166D	CO0071	0.02	0.91	TIP017	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
RUBBLE RUN I-BEAM	2034	S331 71 091 00	STBG0071167D	CO0071	0.02	0.91	TIP017	PM2
RUBBLE RUN I-BEAM	2035	S331 71 091 00	STBG0071168D	CO0071	0.02	0.91	TIP017	PM2
<i>Project: Smithtown Road Traffic Signal</i>								
SMITHTOWN ROAD TRAFFIC SIGNAL	2025	U331 119 1180 00	HSIP0119501D	US119	0.15	11.8	TIP018	PM1
SMITHTOWN ROAD TRAFFIC SIGNAL	2025	U331 119 1180 00	HSIP0119502D	HSIP	0.15	11.8	TIP018	PM1
<i>Project: Smithtown W-beam</i>								
SMITHTOWN W-BEAM	2034	S331 73 032 00	STBG0073097D	CO0073	0.03	0.32	TIP019	PM2
SMITHTOWN W-BEAM	2035	S331 73 032 00	STBG0073098D	CO0073	0.03	0.32	TIP019	PM2
<i>Project: South Fork Culvert</i>								
SOUTH FORK CULVERT	2033	S331 9 200 00	STBG0009285D	CO0009	0.02	2	TIP020	PM2
SOUTH FORK CULVERT	2034	S331 9 200 00	STBG0009286D	CO0009	0.02	2	TIP020	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
SOUTH FORK CULVERT	2035	S331 9 200 00	STBG0009287D	CO0009	0.02	2	TIP020	PM2
<i>Project: Star City Interchange Improvement</i>								
STAR CITY I/C IMPROVEMENT	2029	U331791545000	NHPP0079156D	I-79	0.8	154.5	TIP021	PM3
STAR CITY I/C IMPROVEMENT	2029	U331791545000	NHPP0079156D	I-79	0.8	154.5	TIP021	PM3
UNIVERSITY AVE +2	2025	S331 55 0000 00	STP0055052D	CO055	1.33	0	TIP022	PM3
<i>Project: US Army SPC John R Tennant Memorial Bridge</i>								
US ARMY SPC JOHN R TENNANT MEMORIAL BRIDGE	2025	S331 7 1309 00	NHPP0007367D	WV7	0.08	13.09	TIP023	PM2
US ARMY SPC JOHN R TENNANT MEMORIAL BRIDGE	2025	S331 7 1309 00	NHPP0007368D	WV7	0.08	13.09	TIP023	PM2
US ARMY SPC JOHN R TENNANT MEMORIAL BRIDGE	2026	S331 7 1309 00	NHPP0007369D	WV7	0.08	13.09	TIP023	PM2
<i>Project: US Marine Sergeant David Paul McCord Memorial Bridge</i>								
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2028	S231 7 1686 00	HWI0007325D	WV7	0.02	16.86	TIP024	PM2

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Project Name	FFY	State Project ID	Federal Project ID	Route	Length	Beginning Mile Post	Map ID	Performance Measure
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2033	S331 7 1686 00	NHPP0007329D	WV7	0.02	16.86	TIP024	PM2
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	2034	S331 7 1686 00	NHPP0007330D	WV7	0.02	16.86	TIP024	PM2
<i>Project: Vulnerable Road User (VRU) Morgantown +1</i>								
VRU MORGANTOWN +1	2025	U331- 705 0 00	HSIP0705024D	WV705	1.02	0	TIP032	PM1
VRU MORGANTOWN +1	2025	U331- 705 0 00	HSIP0705023D	WV705	1.02	0	TIP032	PM1
WALNUT ST PEDESTRIAN MORGANTOWN	2025	U331- 119/00 0.31 00 23	HSIP0119579D	US119	0.01	0.31	TIP033	
<i>Project: Walnut Street Bridge</i>								
WALNUT STREET BRIDGE	2025	S331 7 0.02 00	NHPP0007382D	WV7	0.1	0.02	TIP025	PM2
WALNUT STREET BRIDGE	2025	S331 7 0.02 00	NHPP0007383D	WV7	0.1	0.02	TIP025	PM2
WEST RUN RD	2025	U331 06701 00000 00	HSIP0671006D	CO067/01	1.86	0	TIP026	PM1

*Districtwide project

Table: Highway Projects Location Descriptions

Not all TIP highway projects has location descriptions. Projects with no location descriptions are districtwide project, trails projects, and subarea projects.

Project Name	Map ID	Location Description
I-79 LIGHTING	TIP001	I-79 from Exit 148 (I-68 Interchange) to Exit 152 (Westover/Fairmont Rd)
RIVER ROAD SLIDES	TIP002	River Rd between Westover Bridge and DuPont Rd
JOSEPH C BARTOLO MEMORIAL BRIDGE	TIP003	Morgantown-Westover Bridge
BROOKHAVEN ROAD IMPROVEMENTS	TIP004	Earl Core Rd/WV7 from Brookhaven Rd to I-68 Exit west-bond ramp intersection
BULA SLAB	TIP005	Mason Dixon Hwy near Miracle Run Rd (Western part of the county, beyond Blacksville)
DELLSLOW ARCH	TIP006	Earl Core Rd at Pixler Hill Rd (near Tyrone Rd)
DUG HILL BRIDGE +1	TIP007	Near the intersection of Stugiss Ave and Eljadid st (in adjacent to Earl Core Rd/WV 7 at Dunkin')
GREENBAG ROAD (GO BOND 4)	TIP008	Greenbag Rd from Mississippi St to Lyckey Ln/Richard Ave (access to Mountainview Elementary School)
INTERSTATE 68 OVERPASS	TIP009	Grafton Rd / US119 over I-68 near Exit 1
JACK FLEMING MEMORIAL BRIDGE WB & EB	TIP010	Lower Aarons Creek Rd under I-68
JERE SLAB	TIP011	At the intersection of Mason Dixon Hwy/WV7 and Blue Horizon Dr/US19
LOWER SCOTTS RUN BRIDGE	TIP012	Dunkard Ave near Dents Run Blvd (over Dents Run creek)
MAIDSVILLE SLAB	TIP013	On Fort Martina Rd near the intersection of Lazzelle Union Rd (WV100)
MIRACLE RUN CULVERT	TIP014	Happy Ln near the Miracle Run Rd over Miracle Run creek (Western park of the county)

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Project Name	Map ID	Location Description
OLD KINGWOOD PIKE BR	TIP015	AT the intersection of Kingwood Pike and Cobun Creek Rd (Crossover I-68)
OSGOOD SLAB	TIP016	River Rd at the southern part of the county. Near Little Indian Creek Wildlife Management Area
RUBBLE RUN I-BEAM	TIP017	On Morgans Run Rd near Lubuck Ln (on route from Fairchance Rd to Cheat Lake Park)
SMITHTOWN ROAD TRAFFIC SIGNAL	TIP018	At the intersection of Grafton Rd and Smithtown Rd (Near Greenbag Rd)
SMITHTOWN W-BEAM	TIP019	At the intersection of Mason Dixon Hwy/WV7 and Blue Horizon Dr/US19
SOUTH FORK CULVERT	TIP020	Near St Leo Rd and Wade Renner Hill intersection (Western part of the county beyond Blacksville)
STAR CITY I/C IMPROVEMENT	TIP021	I-79 Exit 155 interchange
UNIVERSITY AVE +2	TIP022	University Ave from Van Voorhis Rd/Patteson Dr to Boyers Ave
US ARMY SPC JOHN R TENNANT MEMORIAL BRIDGE	TIP023	Mason Dixon Hwy near Blacksville
US MARINE SERGEANT DAVID PAUL MCCORD MEM BR	TIP024	Mason Dixon Hwy near Blacksville
WALNUT STREET BRIDGE	TIP025	Walnut St between Spruce St Brockway Ave
WEST RUN RD	TIP026	West Run Rd from Van Voorhis Rd to Stewartstown Rd
HARMONY GROVE I/C	TIP027	River Rd near Master Graphics Rd (over I-79)
CHESTNUT RIDGE PEDESTRIAN MORGANTOWN	TIP028	Chuestnut Ridge Rd at the intersection of Pineview Dr / Sheetz

Project Name	Map ID	Location Description
DUNKARD AVE	TIP029	WV100 (Dunkard Ave and Main St) from Fairmont Rd/ Westover Triangle to Fort Martin Rd (CR53)
MORGANTOWN INDUSTRIAL PARK ACCESS ROAD (AC PAYBACK)	TIP030	Connecting Morgantown Industrial Park to Don Knott's Blvd over Monongahela River
RAMP D	TIP031	The interchange of I-79 and I-68
VRU MORGANTOWN +1	TIP032	W 705 from Mon Blvd to AppleBee Intersection

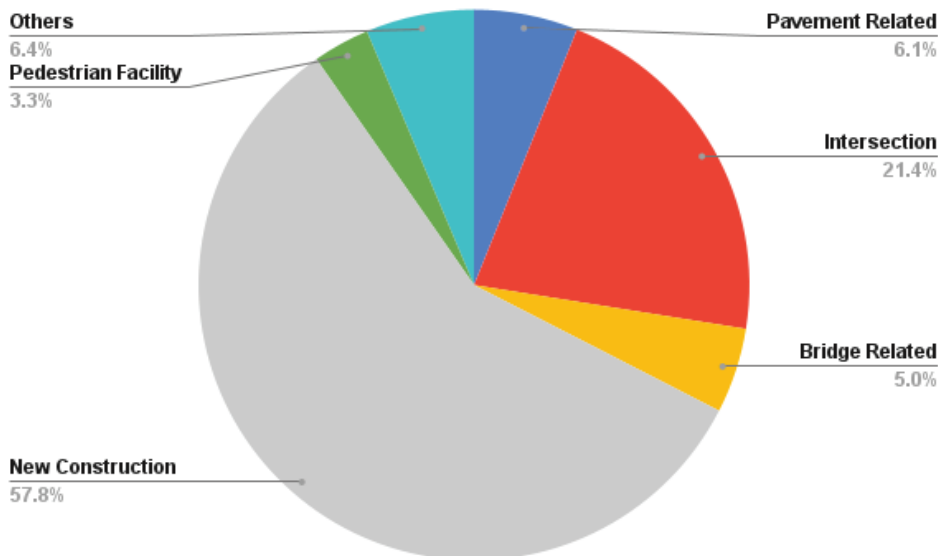
OBLIGATED PROJECTS IN FFY 2024

Appendix A outlines the list of obligated projects for the Federal Fiscal Year (FFY) 2024, covering the period from June 15, 2024, to September 25, 2024. These projects have received official funding commitments from the West Virginia Department of Highways (WV DOH), meaning the necessary financial resources have been secured to move them forward.

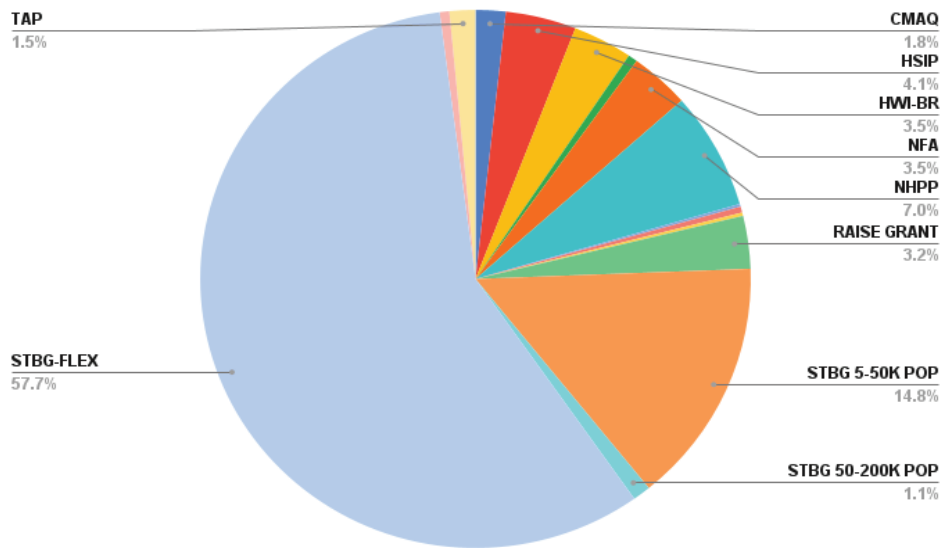
Total Federal Funding: **\$53,227,939**

Total Funding: **\$132,697,459**

■ Distribution of Total Funding by Type of Work



■ Distribution of Total Funding by Funding Source



The following table lists the projects obligated by WV DOH for FFY 2024. Projects are sorted alphabetically and grouped by project name. Project at the same location with multiple phases, funding sources, or funding mechanisms are consolidated.

Project Name	Type of Work	Phase	Funding Source	Federal Funding	Total Funding
<i>Project: Brockway Ave</i>					
Brockway Ave	Mill & Pave	ENG	STBG-FLEX	\$50,000	\$40,000
Brockway Ave	Mill & Pave	CON	STBG-FLEX	\$2,380,836	\$1,904,669
<i>Project: Burrough St</i>					
Burrough St (AC Conversion)	Mill & Pave	CON	STBG 50-200K POP	\$217,649	\$897,062
Burrough St (AUTH AC)	Mill & Pave	CON	STBG-FLEX	\$500,000	\$500,000
Caperton Trail Star City Repaving	Trail Paving	CON	NRT	\$176,000	\$220,000
Chestnut Ridge Pedestrian Morgantown	Ped Facility	ENG	HSIP	\$270,000	\$300,000

APPENDIX C - OBLIGATED PROJECTS IN FFY 2024

Project Name	Type of Work	Phase	Funding Source	Federal Funding	Total Funding
CPL Thomas Bennett Mem. Bridge	Inspections	CON	NHPP	\$1,600,000	\$2,000,000
<i>Project: D-4 Recall Striping</i>					
D-4 Recall Striping (AC Payback)	Pavement Markings	CON	STBG-FLEX	\$234,951	\$378,502
D-4 Recall Striping (AC Payback)	Pavement Markings	CON	HSIP	\$100,000	\$100,000
D-4 Recall Striping	Pavement Markings	CON	HSIP	\$91,351	\$130,502
D-4 Recall Striping	Pavement Markings	CON	STBG-FLEX	\$243,600	\$348,000
<i>Project: Don Knotts Blvd +9</i>					
Don Knotts Blvd +9 (AC Conversion)	ADA Ramps	CON	CMAQ	\$1,040,000	\$1,040,000
Don Knotts Blvd +9 (AUTH AC)	ADA Ramps	CON	CMAQ	\$0	\$1,300,000
Dunkard Ave	Resurface	ENG	STBG-FLEX	\$32,000	\$40,000
<i>Project: Dunkard Ave Sidewalks Phase V</i>					
Dunkard Ave Sidewalks Phase V	Construct Sidewalk	OTH	NHPP	\$1,600,000	\$2,000,000
Dunkard Ave Sidewalks Phase V	Construct Sidewalk	CON	TAP	\$600,000	\$750,000
Exit 146 SB Exit Ramp	Resurface	CON	NHPP	\$381	\$423,700
Exit 152 NB & SB Ramp (AC Payback)	Resurface	CON	NHPP	\$840,733	\$840,733
<i>Project FY 24 BR Inspect - D4</i>					
FY 24 BR Inspect - D4	Bridge Inspection	ENG	STBG-OFF	\$600,000	\$750,000
FY 24 BR Inspect - D4	Bridge Inspection	ENG	STBG-FLEX	\$600,000	\$750,000
FY 25 MMMPO	Planning	OT	PL	\$384,735	\$480,919

APPENDIX C - OBLIGATED PROJECTS IN FFY 2024

Project Name	Type of Work	Phase	Funding Source	Federal Funding	Total Funding
FY 25 SF Brige Inspect - D4 (AUTH AC)	Bridge Inspection	ENG	STBG-FLEX	\$100,000	\$125,000
Greenbag Rd	Improve I/S & Widen	ENG	RAISE GRANT	\$4,200,000	\$4,200,000
I-68 Exit 7 Ramps	Mill/Pave, Concerete Repaire/Ramps	CON	NHPP	\$1,369,721	\$1,521,912
Indian Creek I-BEAM	Bridge Replacement	CON	HWI-OFF	\$584,869	\$731,086
Jere Slab	Design Study - Replacement	ENG	HWI-BR	\$200,000	\$250,000
<i>Joseph C Bartolo Mem. Bridge</i>					
Joseph C Bartolo Mem. Bridge	Bridge Repair	ENG	HWI-BR	\$270,351	\$338,583
Joseph C Bartolo Mem. Bridge	Bridge Repair	ROW	HWI-BR	\$80,000	\$100,000
MGT Downtown Microsimulation Study	Traffic Stuy	OT	STBG 50-200K POP	\$400,000	\$500,000
<i>MGT Industrial Park Access Road</i>					
MGT Industrial Park Access Road (AUTH AC)	Const. New Road & Bridge	CON	STBG-FLEX	\$20,000,000	\$72,000,000
MGT Industrial Park Access Road (Go Bond 2/3)	Const. New Road & Bridge	ENG	NFA	\$0	\$4,650,000
Old Kingwood Pike Bridge	Bridge Repair	ENG	HWI-BR	\$480,000	\$600,000
Pleasant Hill Bridge EB +1	Bridge Rehabilitation	CON	HWI-BR	\$1,659,189	\$1,843,544
River Road Slides	Slide Repair	ROW	PROT	\$272,630	\$272,630
Roadway Striping (D4)	Install Pvmt Mark	CON	HSIP	\$2,754,000	\$1,927,800
Rubble Run I-BEAM	Design Study Replacement	ENG	HWI-BR	\$96,000	\$120,000
<i>University Ave Bridge</i>					
University Ave Bridge	Bridge Repair	ENG	HWI-BR	\$40,000	\$50,000

APPENDIX C - OBLIGATED PROJECTS IN FFY 2024

Project Name	Type of Work	Phase	Funding Source	Federal Funding	Total Funding
University Ave Bridge	Bridge Repair	CON	HWI-BR	\$711,298	\$889,123
University Ave I/S Improvements	I/S Improvement	CON	HSIP	\$2,748,319	\$2,748,319
US 119 Morgantown Lighting	Update Lighting	CON	NHPP	\$2,545,458	\$2,545,458
Walnut St Pedestrian Morgantown	Pedestrian Improvement	ENG	HSIP	\$270,000	\$300,000
Walnut St Streetscape 2012	Const. Walk. Cross-walks. Lighting	CON	TAP	\$1,013,609	\$1,267,011
Walnut Street Bridge	Bridge Repair	ENG	HWI-BR	\$360,000	\$450,000
West Run Road (GO BOND 4)	Improve I/S & Widen	CON	STBG 5-50K POP	\$1,958,674	\$19,586,739

APPENDIX D

COMPLETED PROJECTS (FFY 2019 TO 2023)

Appendix D provides a list of major projects completed between FFY 2019 and 2023. This information was previously included in the prior TIP and is provided in this TIP for reference.

Note: “completed projects” do not necessarily indicate “closed projects.” There is a key distinction between projects that are “complete and closed” and those that are “complete but not closed.” Projects that are complete but not closed typically involve final invoicing, audits, or other minor tasks that prevent formal closure.

Project Name	Type of Work	Funding Source	Total Funding	Start Date	Complete Date
ACS-Lite System	Design and Construct ACS-Lite System	CMAQ	\$2,196,000	8/25/2011	11/2/2019
Airport Exit BR	Replace Deck, Abutments	NFA	\$4,318,000	7/6/2018	11/7/2019
Arnettsville Arch Bridge	Repair Bridge	NFA	\$2,065,000	5/1/2018	3/20/2020
Bertha Hill Rd	Corr Slide(Soil Nails)	NFA	\$169,000	7/28/2020	12/18/2020
Bethel Rd	2" Base Course	MARP	\$414,000	8/13/2020	11/11/2020
Blue Horizon Dr - PA State Line	Warranty SPEC	NFA	\$18,802,000	11/1/2017	1/8/2019
Bowlby Rd/Bethel Church Rd/ Number 8 Hollow	2" Base Course	MARP	\$519,000	9/1/2020	12/8/2020

APPENDIX D - COMPLETED PROJECTS (FFY 2019 TO 2023)

Project Name	Type of Work	Funding Source	Total Funding	Start Date	Complete Date
Brand Rd	2" Base Course	MARP	\$326,000	9/4/2020	11/30/2020
Cassville Slide	Slide Repair	MARP	\$171,000	9/1/2020	11/20/2020
Cheat Rd	Resurface, Milling, Ditch	STP	\$535,000	8/10/2020	10/16/2020
College Ave +3	Design Build ADA Ramps	STP	\$462,000	9/9/2019	5/12/2020
Coopers Rock Pipe	Replace Pipe	NHPP	\$48,000	9/10/2019	11/13/2019
CPL Thomas Bennett Mem Bridge	Inspection	BR-NBIS	\$552,000	7/22/2011	3/25/2019
Day Brook Rd	Resurface	NFA	\$757,000	8/28/2020	9/14/2020
Deckers Creek Trail Repair	Repair Trail	NRT	\$206,000	8/23/2019	11/22/2020
Fairchance Rd	Resurface	NFA	\$372,000	10/16/2020	10/23/2020
FY21 MMMPO	Statewide HWY Planning and Research	SPR	\$315,000	7/1/2020	6/28/2021
Jakes Rd	Resurface	MARP	\$73,000	8/13/2020	11/11/2020
Kings Run Rd - Buckeye Rd	Resurface	NHPP	\$939,000	8/28/2019	11/13/2019
Kingwood Pike	Corr Slide(Soil Nails)	NFA	\$161,000	7/28/2020	12/10/2020
Little Indian Creek Rd	Corr Slide(Soil Nails)	NFA	\$456,000	7/28/2020	12/18/2020
Mason-Dixon Hwy	Corr Slide(Soil Nails)	NFA	\$150,000	7/28/2020	12/18/2020
Mon River Water Trail Map	Development and Printing Trail Map	NRT	\$8,000	9/6/2017	1/5/2020
Monongahela Blvd Lighting	Upgrade Lighting	NHHS	\$677,000	10/31/2019	6/24/2020
Monongahela Blvd TWLTL	Construct TWLTL	HSIP	\$4,147,000	7/6/2018	5/21/2019
Monongalia Blvd - Stewart	Resurface	NHPP	\$6,457,000	4/3/2019	9/17/2019

APPENDIX D - COMPLETED PROJECTS (FFY 2019 TO 2023)

Project Name	Type of Work	Funding Source	Total Funding	Start Date	Complete Date
Morgan Run Rd	Bridge Inspection	BR-NBIS	\$316,000	6/15/2012	3/25/2019
Morgantown Airport IND PK	New Roadway Construction	STPS	\$2,163,000	2/28/2014	1/28/2020
Morgantown Maryland Lighting	Install Lighting	HSIP	\$4,460,000	4/22/2018	9/16/2019
Pineview Rd	Resurface	STBG	\$305,000	10/28/2019	12/2/2019
Recall Striping	District Wide Pavement Markings	HSIP	\$60,000	6/28/2018	5/19/2019
Recall Striping	District Wide Pavement Markings	STP	\$318,000	10/18/2019	12/1/2020
Roadway Striping	District Wide Install PVMT Mark	STP	\$1,534,000	5/1/2018	2/25/2019
Roadway Striping	District Wide Install PVMT Mark	HSIP	\$1,863,000	5/28/2019	7/17/2019
Roadway Striping	District Wide Install PVMT Mark	STP	\$2,025,000	5/11/2020	8/17/2020
Smithtown Rd	Resurface	STBG	\$1,091,000	10/28/2019	12/11/2019
WANA - Blacksville	Resurface	NHPP	\$942,000	4/27/2020	6/8/2020
Westover Park Loop 2012	Trail Construction	NRT	\$43,000	10/2/2017	7/16/2019
WV 7/CR857	Intersection Improvement	CMAQ	\$3,732,000	3/4/2020	7/15/2020
WV 705 COMN	Environment Assessment	STP	\$4,000	9/2/2010	4/30/2020