



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

Agenda

Transportation Technical Advisory Committee Meeting
MPO Offices
243 High Street Room 110
Morgantown WV
January 7, 2020
1:30 PM

1. Call To Order
2. Approval of Minutes
3. Draft TIP Tables
4. Draft Unified Planning Work Program
5. Draft Performance Metrics
6. Update on Mountain Line Transit Study
7. Other Business
8. Meeting Adjournment



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Memorandum

Date: January 2, 2020

To: Transportation Technical Advisory Committee Members

From: Bill Austin, AICP

Subject: January 7, 2020 TTAC Meeting Agenda Items

This memorandum is to inform you of the action items for the January 7, 2020 Transportation Technical Advisory Committee Meeting to be held in the MPO's Offices 243 High Street at 1:30 PM.

-Draft TIP Tables-Please find enclosed with the Agenda packet a draft of tables developed for the adoption of a new TIP. The MPO needs to adopt a new TIP at the March meeting to be fully coordinated with the new adopted State Transportation Improvement Program. The MPO will need to make available the revised TIP table in mid-January to meet the requirements of the MPO's Public Involvement Policy. We would appreciate the TTAC's review of the revised tables prior to their release to the public. The draft TIP will be presented with the public's comments to the TTAC at the TTAC's March meeting.

-Draft 2020-2021 Unified Planning Work Program-Please find enclosed the draft FY 2020-2021 Unified Planning Work Program. The primary new initiative in the UPWP is the beginning of the update of the Metropolitan Transportation Plan to reflect an updated regional travel demand model, a new effort to identify the community's goals and objectives and to incorporate the results of the ongoing transit study and the recently adopted Bicycle and Pedestrian Plan into the Highway element of the MTP. This is the TTAC's first review of the draft UPWP. It will be presented for the TTAC's recommendation for adoption at the March TTAC meeting.

-Draft Performance Metric's-Please see Jing's memorandum on this item.



MINUTES
MPO Transportation Technical Committee Meeting
MMMPO Conference Room
243 High St. Room 110, Morgantown, WV
Nov 12, 2019, 1:30 PM

Members Present

Bill Austin, Andrew Gast-Bray, Chris Fletcher, Damien Davis, Latina Mayle, Brian Carr

Others Present

Jing Zhang

1. Call to Order

With a quorum present, Mr. Austin called the meeting of the TTAC to order at 1:45 PM.

2. Approval of the Minutes

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

3. TIP Amendments

Mr. Austin noted that the WVDOH requested TIP Amendments, which include adding River Road Slide Repairs to FY 2020 TIP and deleting US 19 Beechurst Avenue-Campus Drive Intersection Project from FY 2020 TIP. The DOH has requested that a large number of projects be moved by Administrative Adjustment for the FY 2020. Two major projects to be adjusted are Van Voorhis Road GO Bound Project and Greenbag Road GO Bond Project.

Mr. Carr moved to recommend the TIP Amendments to the MPO's Policy Board; seconded by Mr. Gast-Bray. With no discussion, the motion was approved.

4. HSIP Performance Measures

Mr. Austin noted that the MPO is required to update the Highway Safety Improvement Program Goals each year. The FHWA has adopted a vision of zero deaths and serious injuries on the national transportation network as part of FHWA's Strategic Plan. MPO staff is commending that the MPO adopt the State of West Virginia's HSIP 2019 goals with the understanding that these goals are to work toward the vision of zero fatalities and serious injuries on the State's and the nation's transportation network. The State of West Virginia's goals for 2019 are included in the agenda package.

Besides the State's performance measure, MPO staff is developing its own measures including metrics and targets. MPO staff will come up with recommendations on the local performance measures early next spring.

Mr. Gast-Bray agreed and noted that it would be helpful to add more nuance to the metrics and targets reflecting national and local trends, and to consider wide-range of parameters that might affect the outcome of transportation investment in relation to the adopted performance measures.

Mr. Carr noted that performance measurement adopted by MPOs will not directly impact the DOH programming for TIP projects. The DOH will evaluate the conditions across the State in order to achieve the targets of performance measurement as a whole.

Mr. Davis moved to recommend the adoption of the USDOT's zero fatalities and zero serious injuries vision and the State of West Virginia's 2020 HSIP Goals as one step closer to achieving the vision; seconded by Mr. Carr. With no discussion, the motion was approved.

5. Adoption of Bicycle and Pedestrian Study

Mr. Austin noted that the MPO has been working on the Bicycle and Pedestrian Study for the past year. The Study has been vetted through a series of public meetings and presentations and is very comprehensive. Mr. Austin noted that included in the agenda package are the Study's Executive Summary and the prioritized list of projects by mode.

Mr. Carr noted that on page 11, the executive summary lists top 20 projects located along the state roadways or along the local roadway. He suggested adding a notation of pilot projects currently pursued by the city for immediate pedestrian safety improvement.

Mr. Carr moved to recommend adoption of the Bicycle and Pedestrian Study to the MPO's Policy Board with the suggested changes; seconded by Mr. Fletcher. With no discussion, the motion was approved.

6. 2020 MPO Calendar

Mr. Austin noted that the MPO's draft 2020 meeting calendar was included in the agenda package. Mr. Davis moved to recommend an adoption of the 2020 MPO Calendar to the MPO Policy Board; seconded by Mr. Fletcher. With no discussion, the motion was approved.

7. Update on Mountain Line Transit Study

Mr. Austin noted that the consultant will hold a kick-off meeting of the steering committee next week. Mayor Kawecki and Councilperson Selin are on the committee for the Study. The study is expected to move forward in the next year.

8. Requests for 2020-2021 Unified Planning Work Program

Mr. Austin noted that MPO staff is preparing a draft work program to present to the MPO Policy Board in January. Mr. Austin asked committee members for any work on transportation planning projects that the members' agency would like the MPO to perform in the upcoming year.

Mr. Austin noted that MPO staff is preparing for the MPO's Metropolitan Transportation Plan Update. The update will integrate the outcomes from the Pedestrian and Bicycle Study and the Medium-range Transit Study for the Mountain Line Transit. The update will focus on bringing the MPO's travel demand model up-to-date in order to identify or reconfirm highway improvement projects. It will also have emphasis extensive public involvement.

Mr. Austin noted that the MTP update is required to be completed by the Spring of 2022. The update process is to take about 18 months.

Mr. Fletcher noted that the City of Morgantown will be updating the City's Comprehensive Plan in the similar time-frame. It will be beneficial that the MPO and the City collaborate to update these plans. Mr. Fletcher also suggest partnership with the Westover, Granville, Star City, and the Monongalia County to take the advantage of economies of scale and to develop a consistent land-use and transportation plan throughout the region.

Mr. Austin agreed and noted that joint public involvement strategies are particularly effective. The past cooperation during the 2013 update of the MPO's Long Range Transportation Plan was a success. The MPO will seek to coordinate with the municipalities and the county when developing the work program for the update.

9. Meeting Adjournment

The meeting adjourned at 2:25 PM.

UNIFIED PLANNING WORK PROGRAM

DRAFT FISCAL YEAR 2020 – 2021



Adopted:

Amended:

Monongalia County Courthouse
243 High Street Room 110
Morgantown, WV 26505
(304) 291-9571 phone
(304) 291-9573 fax

INTRODUCTION

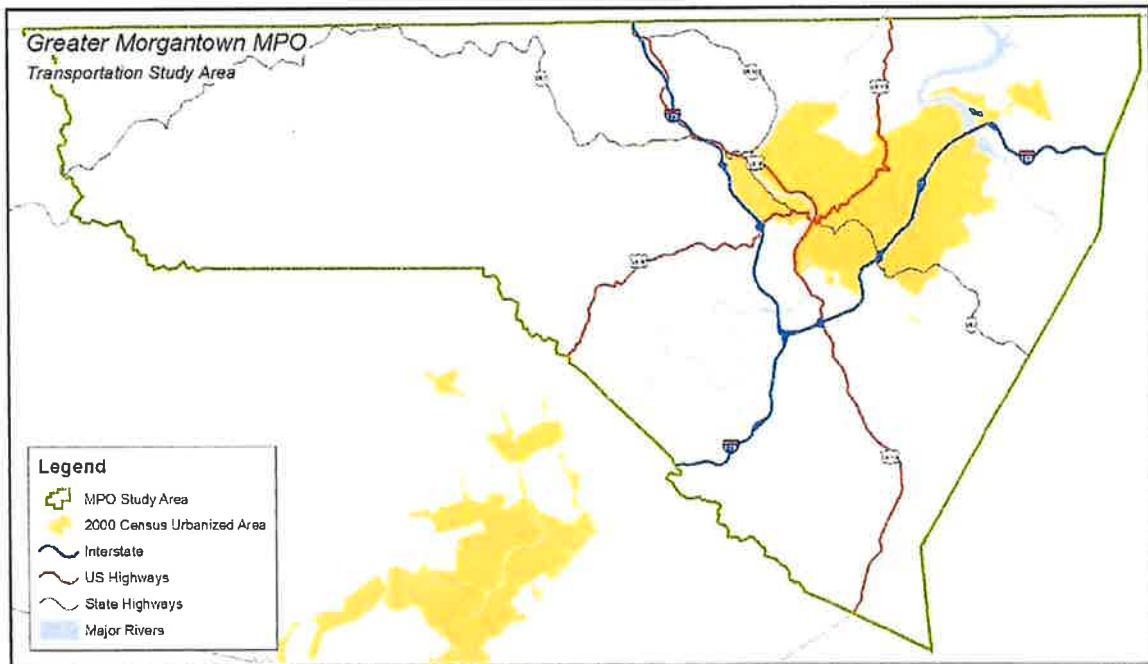
In accordance with Federal Regulations this document outlines the budget for the Morgantown Monongalia MPO for Fiscal Year 2020-2021 which begins July 1, 2020. In addition to identifying the funding sources for work to be performed in the upcoming year it also fulfills the requirement that the MPO provide a summary of the work the MPO has performed in the previous fiscal year.

STUDY AREA

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

The MPO's Policy Board includes representatives from:

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



Accomplishments

During Fiscal Year 2019-2020 the Morgantown Monongalia MPO staff worked with the West Virginia Department of Transportation and the area's local governments to improve transportation in the area. The MPO's efforts were focused on the implementation of the area's 2045 Long Range Transportation Plan and defining the projects identified in that Plan. Please find below a short description of these activities.

The largest undertaking during FY 2019-2020 has been the planning process for the development of a comprehensive Bicycle and Pedestrian Plan update. This project is an expanded version of the pedestrian plan that was originally proposed in the 2018-2019 UPWP. It was developed in response to much greater community concern about bicycle and pedestrian safety resulting from several incidents. The Plan update was completed in FY 2019-2020.

Other work performed by MPO Staff during the FY 2019-2020, included:

Participation in the development of several Preliminary Investigation and Environmental Studies for four programmed projects. These projects were the West Run Widening Project, the Van Voorhis Widening project, the Greenbag Road Widening project, and the Beechurst Avenue spot improvement project. This work included coordination with various stakeholders including Mountain Line Transit, WVU, and the various jurisdictions where the projects are located.

MPO Staff also worked to keep the University Avenue/Collins Ferry Road intersection improvement project and the WV 7/ SR 857 intersection project moving forward. Staff also worked to keep the MPO Policy Board informed of the construction process for the Mileground Widening project. Though since the latter project is in the right of way acquisition process the MPO's ability to impact the project progress is limited.

In addition to project work MPO staff performed several duties to maintain traffic related databases these databases include an annual traffic count program and an accident database. The 2019 traffic counts were taken in April and October to allow for the development of peak period factors. The accident database was updated using additional data available from the WVDOH. It should be noted that due to budgetary constraints the MPO's data collection efforts were slightly curtailed by reducing the number of count locations from approximately 72 locations to approximately 58 locations. It is not anticipated that this reduction in counts will noticeably affect the primary purpose of the count program which is to develop a database for the validation and calibration of the MPO's regional travel demand model.

MPO Staff developed the scope of work and issued a Request for Qualifications for Mountain Line Transit's Short to Medium range operations study. The Study consultant was selected and the project initiated. Staff has provided support to this effort as the study has progressed.

The MPO has been working to implement Regional Transportation Demand Management program. During FY 2014-2015 MPO staff working with Mountain Lines Mobility Coordinator instituted a

coordinated advertising campaign and a redefined incentive package for new van pools. The momentum from this effort continued in FY 2019-2020 when as of this writing two van pools are participating in the van pool program with seven van pools having exhausted their eligibility to receive funding from the MPO's grant. It is our estimation that 7 of the 9 vanpools that completed participation in the MPO's vanpool incentive program are still operating as of this writing. There are another 2 vanpools currently operating with the MPO's subsidy. MPO Staff sought funding for the continuation of this initiative.

MPO Staff continued working with a WVU Health Policy professional on developing a guidebook to the transportation planning process and how underserved persons can work with the MPO. Topics to be discussed in the guidebook include the Long Range Planning process, transportation performance measures, MPO operations, and public involvement. The guidebook is aimed at underserved communities.

During FY 2019-2020 MPO Staff also assisted Monongalia County, and the City of Morgantown in evaluating the impact of ongoing development on the transportation network as new development is proposed. MPO Staff also provided very significant assistance in the development of transportation and parking guidelines for the Monongalia County Subdivision ordinance.

MPO Staff continued work begun in 2013-2014 with the other MPO's across the State to develop an MPO Association to share best practices in transportation planning and to enhance coordination with WVDOT. The MPO Executive Director was the chairman of the WVAMPO in 2019 and he worked to host the Association's joint Conference with the WV Local Transportation Assistance Program located at WVU. The Conference held in Hagerstown. The Conference participants were expanded to include WVDOH Planning and Districts and the WV Public Transportation Association.

Operational initiatives undertaken during FY 2019-2020 included work to implement transportation performance measures as required by the FAST Act. Normal operations included MPO consideration of numerous TIP Amendments by the MPO's committees. MPO Staff also performed other normal administrative functions including financial management, staff technical support to the Pedestrian and Bicycle Board's, and other similar tasks.

FOCUS FOR FISCAL YEAR 2020-2021

Local initiatives:

Major initiatives to be under taken this year include:

The MPO will continue to assist Mountain Line in developing a new operational plan through funding of a consultant and providing staff assistance as needed. This plan is necessitated by the changes to Mountain Lines route system with the relocation of the depot to Westover. The Study is being funded using a combination of Transit funding and PL funding.

The MPO will develop an RFQ for the selection of a consultant to update the highway portion of the Metropolitan Transportation Plan. The actual planning effort will be split between FY 2020-2021 and FY 2021-2022. The MTP Update will be coordinated with the City of Morgantown's and other urban area jurisdictions Comprehensive Plan Updates. Monongalia County and the other urban area jurisdictions will be invited to participate in the public involvement portion of the Transportation Plan update as part of their required update of their comprehensive plans. This will allow all of the Comprehensive Plans and the Transportation Plan to benefit from the same public involvement activities. The focus of the MTP update for the MPO will be updating the highway portion of the MTP and creating an opportunity for the public to comment on all aspects of the MTP including the recently completed Transit Plan and the Bicycle and Pedestrian Plan.

MPO Staff will continue to work with Health Policy professionals to develop a guidebook to the transportation planning process and how to work with the MPO. The guidebook is aimed at underserved communities.

As recommended in the Metropolitan Transportation Plan, MPO Staff will investigate establishing an ongoing bicycle and pedestrian data collection program. Initial discussions of such a program indicate that collecting this data every two to three years at select locations will be adequate in the beginning of the program. These efforts will build on the ongoing Bicycle and Pedestrian Plan Update being completed in this work program. Staff will work with the MPO's Committee's to determine the appropriate locations and time frame for these efforts.

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

Other tasks:

The MPO will continue to update the annual traffic count database with counts taken for the MPO as well as counts taken by other local agencies. The first counts for this database were taken in April of 2011 and April 2012. This database provides the MPO with base data, which may be used to project the future growth of traffic, as well as, to provide decision makers with complete information about the existing conditions in the area. This data will continue to be available to the public at large for use in

developing business plans and other marketing efforts and to the area's municipalities so they may evaluate the impact of proposed new development in the area. The traffic counts will be of use to the MPO in assessing the Long Range Transportation Plans model as well as in identifying areas where operational improvements to the road network may be needed. The information will also be useful to the Division of Highways when planning operational improvements to the area's transportation facilities.

MPO Staff will work to implement the process for monitoring and reporting on the impact of transportation decision making in the TIP and the Metropolitan Transportation Plan on the safety and operational performance of the transportation system in accordance with the performance planning requirements of the FAST Act and MAP 21. MPO Staff will continue to provide ongoing administrative functions including scheduling and staff meetings, preparation of minutes and other arrangements for the MPO's standing committee meetings. Staff will continue preparation of Transportation Improvement Program amendments, preparation of the budget, performance of human resource functions and intergovernmental relations and public involvement activities. Staff will also continue to provide technical assistance to area municipalities as well as the Bike Board and the Pedestrian Board. Staff will also review the MPO's Public Involvement Policy and the MPO's Bylaws to determine the need for an update to the provisions of those documents. Staff will also continue to work with the statewide MPO Association on issues common to all of the state's MPOs.

BUDGET ITEMS BY MAJOR CATEGORY

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

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

II-A-1 Traffic Counts- MPO will continue the annual traffic count program. The initial program included 58 locations counted in the spring of 2012. As of the 2014 counts the MPO had 74 count locations around the urbanized portion of the County. As of 2019 the number of counts was reduced to approximately 58 due to budgetary constraints. The data collected includes daily directional traffic volumes, peak period traffic volumes and vehicle classification counts at selected locations. These counts supplement traffic counts taken every three years in the area by the Division of Highways they will be used both as base data for traffic modeling efforts and as information for decision makers as they consider the impact of proposed development in the area. These counts will be performed by a consultant team already on contract with the State of West Virginia to perform these services. The MPO will also seek to augment these counts by upgrading traffic count technology to have the capability to collect data on both bicycle and pedestrian travel at selected points.

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

II-A-10 Mapping- The MPO is using ArcGIS to work with Monongalia County to share data. This work will also include supplementing the County's recently acquired aerial photography with additional data.

II-B Long Range Transportation Plan Development

II-B-3 Model Update-The MPO regional travel demand model will be updated using data projections used for the ongoing transit study.

II-B-6-Community Goals and Objectives-The MPO will have a robust public involvement process to identify any new community goals and objectives since the last major update of the MTP and to validate those goals and objectives from the 2013 Plan Update that are still pertinent to the community.

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

II-B-9 Highway Element-the highway element of the MTP will be updated to reflect the update of the regional travel demand model and the recently developed transit plan as well as the bicycle and pedestrian plan.

II-B-10 Transit Element- The MPO will continue the update of the Transit Plan. The MPO will initiate an update of the highway portion of the transportation plan. The update of the Transportation Plan will be coordinated with the update of various comprehensive plans for area jurisdictions.

II-B-11 Bicycle and Pedestrian Planning- MPO staff will work to implement the Bicycle and Pedestrian Plan for the urban area. MPO Staff will also develop an ongoing bicycle and pedestrian count program.

II-B-13 Collector Street Planning- MPO Staff will provide support to area municipalities in reviewing proposed development to insure that the proposed collector streets are adequate. Staff will also review

proposals to insure that the proposed connection between major arterials and collector streets are consistent with the capacity anticipated in the Long Range Transportation Plan. As a recognized best practice for MPO's, Staff will incorporate Health Impact Assessments into the MPO's planning products.

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

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

III Administration

III-A Planning Work Program

MPO staff will monitor the revised Planning Work Program process to insure it is being adequately implemented. Staff will also develop the 2021 Planning Work Program.

III-B Transportation Improvement Program

MPO staff will update the Transportation Improvement Program (TIP) as needed. If found to be appropriate for our area, MPO staff will utilize the Federal Highway Administration's INVEST software to evaluate the MPO's project priority list. The MPO will work with WVDOT on updating the State Transportation Improvement Program operating procedures and updating the TIP to meet the revised procedures.

III-C-6 Public Involvement

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

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

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

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

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

III-D-3 Special Studies-MPO Staff will conduct operational studies as requested.

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

Draft Morgantown Monongalia MPO Operating Budget FY 2020-2021

Cost Allocation Rate Table

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

Position	Hourly Rate	
Executive Director	\$ 58.18	Incl. benefits + Overhead
Planner II	\$ 39.55	Incl. benefits + Overhead
Shared Planner (50% MPO)	\$ 33.65	Includes benefits + Overhead
Additional Travel	Monongalia County Rate as adjusted	

Note: The Director and the Planner II are salaried positions. Therefore, all holidays, vacation and sick leave benefits are included in the base wage rate. Hourly rate is calculated using a 2080 hour work year as the base line for full time employees. For the shared employe a 1,040 hour work year is used.

Proposed Line Item Fixed Operating Expenses

Category	Consolidated Federal Planning Funds	WVDOT	City/CountyMPO /Other	Total Cost Allocation
Salaries*				
Director	\$ 73,447.25	\$ 9,180.91	\$ 9,180.91	\$ 91,809
Planner 2	\$ 42,454.98	\$ 5,306.87	\$ 5,306.87	\$ 53,069
Shared Planner	\$ 16,320.00	\$ 2,040.00	\$ 2,040.00	\$ 20,400
Benefits (see below)	\$ 57,678.55	\$ 7,209.82	\$ 7,209.82	\$ 72,098
Contracted/Capital Expenses				
Contracted Services	\$ 19,200.00	\$ 2,400.00	\$ 2,400.00	\$ 24,000
Consulting Services	\$ 40,000.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000
Computer Equipment	\$ 6,400.00	\$ 800.00	\$ 800.00	\$ 8,000
Software	\$ 4,000.00	\$ 500.00	\$ 500.00	\$ 5,000
Public Notices/Publishing	\$ 3,200.00	\$ 400.00	\$ 400.00	\$ 4,000
Overhead				
Travel & Training	\$ 11,200.00	\$ 1,400.00	\$ 1,400.00	\$ 14,000
Utilities (phone, internet, web site)	\$ 400.00	\$ 50.00	\$ 50.00	\$ 500
Copier lease, supplies, postage	\$ 800.00	\$ 100.00	\$ 100.00	\$ 1,000
Total	\$ 275,100.78	\$ 34,387.60	\$ 34,387.60	\$ 343,876

Proposes 2% COLA for Exec. Director and Planner II, Shared Planner

Draft Morgantown Monongalia Metropolitan Planning Organization Operating Budget FY 2020-21

Revenues and Expenditures By Major Category

Task Number	Task Item	Category	Consolidated Federal Planning			Total Cost Allocation
			Funds	WVDOT	City/County/MPO	
II-A	Inventory of Facilities					
	1	Traffic Counts	14,400	1,800	1,800	\$18,000
	10	Mapping	8,000	1,000	1,000	\$10,000
		Total	22,400	2,800	2,800	\$28,000
II-B	LRTP					
	3	Travel Model Update				\$25,000
	6	Community goals	28,000	3,500	3,500	\$35,000
	8	Deficiency Analysis	4,000	500	500	\$5,000
	9	Highway Element	16,000	2,000	2,000	\$20,000
	10	Transit Element	8,000	1,000	1,000	\$10,000
	11	Bicycle and Ped.	8,000	1,000	1,000	\$10,000
	13	Collector Street	4,000	500	500	\$5,000
	16	Financial Planning	4,000	500	500	\$5,000
	17	Cong. Mgmt. Strat.	5,600	700	700	\$7,000
		Total	\$77,600	\$9,700	\$9,700	\$0
III	Admin.				0	
	A	Work Program	\$4,000	\$500	\$500	\$5,000
	B	TIP	\$8,000	\$1,000	\$1,000	\$10,000
	C-6	Public Involvement	\$48,000	\$7,000	\$7,000	\$70,000
	C-7	Private Sector	\$4,000	\$500	\$500	\$5,000
	C-8	Performance	\$12,000	\$1,500	\$1,500	\$15,000
	D-1	Enhancement Plan	\$4,000	\$500	\$500	\$5,000
	D-2	Env. And Pre-TIP	\$5,600	\$700	\$700	\$7,000
	D-3	Special Studies	\$9,600	\$1,200	\$1,200	\$12,000
	D-4	Regional and State	\$16,000	\$2,000	\$2,000	\$20,000
	E	Management and Ops	\$56,000	\$7,000	\$7,000	\$70,000
		Total	\$167,200	\$21,900	\$21,900	\$0
Grand Totals - All Programs			\$267,200	\$34,400	\$34,400	\$0



Memorandum

Date: Jan 2, 2020

To: MMMPO Transportation Technical Advisory Committee & Citizens Advisory Committee

From: Jing Zhang, AICP

Subject: **Potential Metrics for MMMPO Local Performance Measures**

This memorandum is to inform you of the potential metrics that could be used for the MPO to develop local performance measures as a part of the MMMPO Metropolitan Transportation Plan and Transportation Improvement Program.

The FHWA Community Vision Metrics Tool enables transportation planners to identify search for performance indicators relevant to their specific circumstances, communities, and quality of life goals. It is a web-based tool with searchable fields to help find performance indicators that match a community's context and goals. It contains more than seventeen-hundred metrics that have been linked to areas of interest in land use and transportation planning.

The tool is designed for transportation, land use, and community planners to identify ways to measure the success of plans and projects in light of community goals.

- Selected Metrics from the FHWA Community Vision Metrics Web Tool

- Expenditure on personal mobility by income group (economic, equity)
- Portion of household expenditures devoted to transport, including vehicle expenses, fares, residential parking costs, and relevant taxes.
- Presence of benches, bicycle racks, shade trees, good lighting, and other amenities that make non-motorized travel more pleasant (livability)
- Average commute travel time (Transportation)
- Average commute distance
- Mode shares for automobile, transit, bicycle, pedestrian, carpool and other

The tool is accessible at https://www.fhwa.dot.gov/livability/tools/community_vision/index.cfm. You are encouraged to explore this tool. Please let me know if you have any suggestions. We will be demonstrating it at the January 7th meeting.

- Selected Metrics from FHWA Case Study Examples

Percentage of the population served by fixed route transit

- Percentage of the population living near a “good” or “excellent” walk/bike facility
- Percentage of job located near a “good” or “excellent” walk/bike facility

Cases are from TPM Guidebook Component 03: Performance-Based Planning

- Metrics Considered by MMMPO Staff

Multimodal Transportation (Percentage of Work Trips by Alternative Transportation Modes)

Objective Area	Metric	Reference			
		Data Name	Geography	Historical Data	Source
Congestion Reduction, Environmental	Ratio of Model Split by Public Transportation, Bicycle, and Walking	Means of Transportation to Work	Metro Area	2009-2017	ACS 5-Year Estimates, B08301

Data History (Mean of Transportation to Work for Workers 16 years and over)									
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Public transportation	1.3%	1.1%	1.2%	1.1%	1.2%	1.3%	1.6%	1.9%	2.1%
Bicycle	0.1%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.5%	0.5%
Walked	5.0%	5.2%	5.0%	5.7%	5.5%	5.5%	5.4%	5.4%	5.4%

Target Setting (Tentative Examples)				
	Objective	2009	2017	2030 / Target
Public Transportation	100% Increase by 2030 (from 2009)	1.3%	2.1 %	2.65%
Bicycle	800% Increase by 2030 (from 2009)	0.1%	0.5%	1.08%
Walking	50% Increase by 2030 (from 2009)	5%	5.4%	5.46%

Transportation Equity (Means of Transportation to Work by 0 Vehicle Available)

Objective Area	Metric	Reference			
		Data Name	Geography	Historical Data	Source
Equity	Ratio of Model Split by public transportation and walking	Means of Transportation to Work <i>by Vehicles Available</i>	Metro Area	2009-2017	ACS 5-Year Estimates, B08141

Data History (Mean of Transportation to Work for Person with No Vehicle Available)									
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Public transportation	13.1%	9.2%	9.9%	8.0%	9.4%	13.7%	11.6%	9.8%	15.4%
Walked	25.6%	22.6%	21.8%	29.4%	28.0%	30.4%	30.2%	25.3%	24.7%

Target Setting (Tentative Examples)				
	Objective	2009	2017	2030 / Target
Public Transportation	100% Increase by 2030 (from 2009)	13.1%	15.4 %	19.65%
Walking	25% Increase by 2030 (from 2009)	25.6%	24.7%	31.98%

Transportation Equity (Transportation Investment in minority/low income population area)

		Reference			
Objective Area	Metric	Data Name	Objective Area	Metric	Reference
Equity	Percentage of TIP Project (in \$) in minority or low-income population area.	Household income in the past 12 months	Block Group	2013-2017	ACS 5-Year Estimates, B19001
		Existing TIP Project location	Linear Shapefile	2019	MMMPO

We would appreciate your suggestions or comments.

MORGANTOWN MONONGALIA MPO - TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

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Project Name	Program Type	Targeting Performance Measures	MTP Goal	FFY	Funding Obligation Date (EST E or ACT A)	Fund Type	Phase	Route	Type of Work	State Project Number	Federal Project Number	Federal Dollar Amount	Total Phase Amount	Notes	Month Added
Everettville BR	Bridge Program	NHS Bridge Condition, Safety	#1-Multimodal, #3-Safety	2020	7/28/2020 E	STP	CON	CO045	REPL	S3314524200	ACST0045069D	\$400,000	\$500,000		
Morris Builders BR	Bridge Program	NHS Bridge Condition, Safety, Freight Movement, Congestion Mitigation	#1-Multimodal, #3-Safety	2020	5/28/2020 E	STP	CON	CO019/25	REPL 2 BRIDGES	S331192505500	ACST1925001D	\$900,000	\$1,125,000		
University Ave I/S Improvements	Localized Mobility Program	Travel Time Reliability, Safety, Bike/Ped Safety, Congestion Mitigation, Freight Movement	#1-Multimodal, #3-Safety, #4-Freight	2018	3/12/2018 A	CMAQ	ROW	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055037D	\$792,000	\$990,000		
University Ave I/S Improvements	Localized Mobility Program	Travel Time Reliability, Safety, Bike/Ped Safety, Congestion Mitigation, Freight Movement	#1-Multimodal, #3-Safety, #4-Freight	2019	9/16/2019 A	CMAQ	CON	CO055	I/S IMPROVEMENT	U3315511000	CMAQ0055038D	\$2,039,375	\$2,549,219		
WV 7/CR 857	Localized Mobility Program	Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #4-Freight	2019	2/14/2019 A	CMAQ	CON	WV007	I/S IMPROVEMENT	U3317353500	CMAQ0007248D	\$1,625,258	\$2,031,572		
Monongahela Blvd TWLTL	Localized Mobility Program	Congestion Mitigation, Safety	#1-Multimodal, #3-Safety	2018	8/2/2018 A	HSIP	CON	US019	ADD AUXILIARY LN	U33119133500	HSIP0019449D	\$3,146,938	\$3,496,598		
WV 100 & Dents Run I/S Improvement	Localized Mobility Program	Safety	#3-Safety	2020	4/28/2020 E	HSIP	CON	WV100	IMPROVE TURNING RADIUS/INTERSECTION	U33110010200	HSIP0100152D	\$150,000	\$150,000		
Coopers Rock Pipe (programed funding)	Community Development and Connectivity Program	Freight Movement	#6-Attractive, Sustainable & Livable	2019	6/3/2019 A	OTHER	CON	I068	REPLACE PIPE	S33168145300	NFA2517022D	\$394,183	\$437,981		
Airport Exit BR (Garvee 2)	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2018	8/7/2018 A	OTHER	CON	CO857	REPLACE BRIDGE	S3318570072600	NFA2217036D	\$0	\$6,300,000		
Mileground - Airport Rd (go bond)	Regional Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety	2019	10/10/2018 A	OTHER	CON	US119	WIDEN US 119, CHEAT DR TO DONNA AVE	U331119160003	NFA2317026D	\$0	\$9,885,910		
Wana-Blacksville	Resurfacing Program	NHS Pavement Condition, Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2018	3/19/2018 A	NHPP	CON	WV007	RESURFACE	S331791700	NHPP0007295D	\$280,000	\$350,000		
Boyers Ave/US 19 Improvements	Localized Mobility Program	Travel Time Reliability, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety	2020	12/28/2019 E	NHPP	ENG	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019437D	\$4,000	\$5,000	\$583,000	
Boyers Ave/US 19 Improvements	Localized Mobility Program	Travel Time Reliability, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety	2020	1/28/2020 E	NHPP	ROW	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019438D	\$800	\$1,000		
Boyers Ave/US 19 Improvements	Localized Mobility Program	Travel Time Reliability, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety	2020	4/28/2020 E	NHPP	CON	US019	WIDEN, TURN LANE, TRAFFIC SIGNAL	U331191410	NHPP0019439D	\$461,600	\$577,000		
Beechurst Ave @ 6th (go bound 4)	Localized Mobility Program	Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2018	1/23/2018 A	NHPP	ENG	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019443D	\$400,000	\$500,000	\$11,500,000	
Beechurst Ave @ 6th (go bound 4)	Localized Mobility Program	Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2021	1/28/2021 E	NHPP	ROW	US019	IMPROVE I/S & WIDEN	U33119132400	NHPP0019444D	\$2,400,000	\$3,000,000		
Beechurst Ave @ 6th (go bound 4)	Localized Mobility Program	Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2021	8/28/2021 E	OTHER	CON	US019	IMPROVE I/S & WIDEN	U33119132400	NFA2317024D	\$0	\$8,000,000		
Mon Blvd - Stewartstown Rd	Community Development and Connectivity Program	Congestion Mitigation, Safety, NHS Pavement Condition	#1-Multimodal, #3-Safety, #4-Freight, #6-Attractive, Sustainable & Livable	2018	9/25/2018 A	NHPP	CON	WV705	RESURFACE	S33170500200	NHPP0705018D	\$3,355,732	\$4,194,665		
Mylan Park Bridge Approach	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2020	1/28/2020 E	NHPP	ENG	I079	REALIGN APPROACHES	S3317915400	NHPP0793269D	\$90,000	\$100,000		
Mylan Park Bridge Approach	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2020	5/28/2020 E	NHPP	CON	I079	REALIGN APPROACHES	S3317915400	NHPP0793270D	\$900,000	\$1,000,000		
Deckers Creek Trail Undercut Repair	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2019	9/26/2019 A	NRT	CON	NA	REPAIR EXISTING TRAIL	U331DECKE300	NRT2012686D	\$120,265	\$150,331		
Deckers Creek Trail Resurfacing	Resurfacing Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2019	9/26/2019 A	NRT	CON	NA999	PAVE TRAIL	U331DECKE200	NRT2012693D	\$80,000	\$100,000		
Foundry St Linkage Trail	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2020	6/28/2020 E	NRT	CON	NA	CONST TRL	U331FOUND100	NRT2014219D	\$24,256	\$30,320		
Collins Ferry Trail Connector	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2020	4/28/2020 E	NRT	CON	NA	CONST TRL	U331COLLI100	NRT2014221D	\$44,800	\$56,000		
Deckers CRK Trail Repair	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2019	8/23/2019 A	NRT	CON	NA	REPAIR TRL	U331DECKE400	NRT2014223D	\$169,898	\$212,370		
North Central Rail Map Update	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2020	12/28/2019 E	NRT	ENG	NA999	UPDATE & PRINT TRAIL BROCHURE	T631NORTH100	NRT2015244D	\$20,800	\$26,000		

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Deckers Creek Landslide R	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2020	12/28/2019 E	NRT	ENG	NA999	DESIGN CONST LANDSLIDE REPAIR	U331DECKE600	NRT2017161D	\$36,000	\$45,000		
BOPARC Trail EQ	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2020	12/28/2019 E	NRT	ENG	NA999	EQUIPMENT PURCHASE, TRAIL MAINT	U331BOPAR200	NRT2017162D	\$14,400	\$18,000		
West Run Road	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety	2020	8/28/2020 E	HSIP	CON	CO067/01	WIDEN ROAD	U33167100000	HSIP0671006D	\$2,400,000	\$2,400,000		
Van Voorhis Rd (go bond 4)(WV 705-West Run Rd)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #2-Integration and Connection	2018	1/23/2018 A	STP	ENG	CO059	IMPROVE I/S & WIDEN	U3315909400	STP0059006D	\$480,000	\$600,000	\$20,600,000	
Van Voorhis Rd (go bond 4)(WV 705-West Run Rd)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #2-Integration and Connection	2022	6/28/2022 E	STP	ROW	CO059	IMPROVE I/S & WIDEN	U3315900000	STP0059007D	\$4,000,000	\$5,000,000		
Van Voorhis Rd (go bond 4)(WV 705-West Run Rd)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #2-Integration and Connection	2023	6/28/2023 E	OTHER	CON	CO059	IMPROVE I/S & WIDEN	U3315900000	NFA2317023D	\$0	\$15,000,000		
Goshen Rd & Smithtown Rd I/S	Resurfacing Program	Travel Time Reliability, Safety	#1-Multimodal, #3-Safety, #4-Freight	2018	12/18/2017 A	STP	CON	CO073	RESURF	U3317338400	STP0073086D	\$785,582	\$1,631,977	Completed	
West Run Road (go bond 4)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2018	8/2/2018 A	STP	ENG	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671008D	\$1,520,000	\$1,900,000	\$20,700,000	
West Run Road (go bond 4)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2020	8/1/2019 A	STP	ROW	CO067/01	IMPROVE I/S & WIDEN	U33167118600	STP0671009D	\$4,640,000	\$5,800,000		
West Run Road (go bond 4)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable	2021	7/28/2021 E	OTHER	CON	CO067/01	IMPROVE I/S & WIDEN	U33167118600	NFA2317025D	\$0	\$13,000,000		
College Ave +3	Localized Mobility Program	Bike/Ped Safety	#1-Multimodal, #3-Safety	2018	4/17/2018 A	STP	CON	CO019/22	DESIGN BUILD ADA RAMPS	S331192202900	STP1922002D	\$76,880	\$96,100		
Morgantown Multiuse Path	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2018	5/10/2018 A	TAP	ENG	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016335DTC	\$125,000	\$125,000	\$19,000,000	
Morgantown Multiuse Path	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2020	6/28/2020 E	TAP	CON	NA999	DESIGN / CONST TRAIL	U331MORGA2000	TAP2016336D	\$300,000	\$375,000		
Walnut St Streetscape 2012	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #6-Attractive, Sustainable & Livable	2020	8/28/2020 E	TAP	CON	NA	CONST WALK, CROSSWALKS, CURB CUTS, LIGHTING	U331MORGA1700	TEA2012638D	\$238,000	\$297,500		
Morgantown Bicycle Signage	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2020	7/28/2020 E	TAP	CON	NA999	PURCHASE BICYCLE SIGNAGE	U331MORGA1800	TEA2014195D	\$96,000	\$120,000		
Start City Trail Connector	Community Development and Connectivity Program	Bike/Ped Safety, Congestion Mitigation	#1-Multimodal, #3-Safety, #6-Attractive, Sustainable & Livable, #7-Trip Demand Reduction	2020	7/28/2020 E	NRT	CON	NA999	CONSTRUCT TRAIL	U331STARC800	NRT2015041D	\$73,600	\$92,000		
Mon River Rail Trail MNT EQ	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety	2020	12/28/2019 E	NRT	ENG	NA	EQUIP PURCHASE	U331MONRV100	NRT2015294D	\$48,000	\$60,000		
Greenbag Rd (go bound 4)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #2-Integration and Connection, #4-Freight	2022	11/28/2021 E	STP	ROW	CO857	IMPROVE I/S & WIDEN	U33185706700	STP0857020D	\$2,400,000	\$3,000,000		
Greenbag Rd (go bound 4)	Localized Mobility Program	NHS Pavement Condition, Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety	#1-Multimodal, #3-Safety, #2-Integration and Connection, #4-Freight	2023	1/28/2023 E	OTHER	CON	CO857	IMPROVE I/S & WIDEN	U33185706700	NFA2317022D	\$0	\$16,000,000		
Pleasant St Streetscape	Community Development and Connectivity Program	Bike/Ped Safety	#6-Attractive, Sustainable & Livable	2019	3/28/2019 A	TAP	ENG	NA	CONST SW	U331MORGA1900	TAP2016309DTC	\$160,000	\$160,000		
Brookhaven Rd Improvements	Localized Mobility Program	NHS Pavement Condition, Safety	#1-Multimodal, #3-Safety	2020	4/28/2020 E	CMAQ	ROW	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007263D	\$12,000	\$15,000	\$490,000	
Brookhaven Rd Improvements	Localized Mobility Program	NHS Pavement Condition, Safety	#1-Multimodal, #3-Safety	2020	4/28/2020 E	CMAQ	CON	WV007	INSTALL TRAVEL LANES; SIGNAL	U3317362000	CMAQ0007264D	\$380,000	\$475,000		
WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2021	7/28/2021 E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000	\$75,000,000	
WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2021	7/28/2021 E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000		
WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2022	7/28/2022 E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000		
WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability, Freight Movement, Congestion Mitigation, Safety, Bike/Ped Safety	#1-Multimodal, #3-Safety, #4-Freight	2022	7/28/2022 E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000		

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WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight	2023	7/28/2023 E	NHPP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$4,000,000	\$5,000,000		
WV7 OP Interchange (AUTH AC Project) (Split funded)	Regional Mobility Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety , Bike/Ped Safety	#1-Multimodal, #3-Safety , #4-Freight	2023	7/28/2023 E	STP	CON	I079	CONST NEW I/C AND ACCESS RD	X331791560000	NHPP0793271	\$16,000,000	\$20,000,000		
I-79 Star City Interchange Improvements	Regional Mobility Program	Travel Time Reliability , Congestion Mitigation	#1-Multimodal, #3-Safety , #4-Freight	2020	3/28/2020 E	NFA	CON	I079	Reconstruction	U331791545000	NFA2317029D	-	\$66,000,000		June, 2018
Mon Blvd	Community Development and Connectivity Program	Safety , Congestion Mitigation	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2019	7/29/2019 A	NHHP	CON	US019	Street Upgrade Lighting	U33119123300	NHPP0019467D	\$705,440	\$856,800		June, 2018
WV 43 Morgan Run Bridge	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2012	6/13/2012 A	NHPP	INSEP	WV 43	Bridge inspection	T6314320600	HNPP0043137D	\$244,046	\$315,627		August, 2018
WV 43 Rubles Run Bridge	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2012	6/7/2012 A	NHPP	INSEP	WV 43	Bridge inspection	T6314323400	HNPP0043136D	\$275,577	\$358,259		August, 2018
Smithtown Road	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety , #4-Freight	2019	6/26/2019 A	NHPP	CON	CO073	Resurface	S331 073 00135 00	STBG0073088D	\$1,208,000	\$1,510,000		March, 2019
Kings Run Rd-Buckeye Rd	Resurfacing Program	NHS Pavement Condition	#1-Multimodal, #3-Safety	2019	6/26/2019 A	NHPP	CON	WV007	Resurface	S331 007 01456 00	NHPP0007296D	\$751,224	\$939,030		March, 2019
Pineview Drive	Resurfacing Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety	2019	6/26/2019 A	STP	CON	CO061/04	Resurface	S331 061/04 00000 00	STBG0614001D	\$243,899	\$304,874		March, 2019
Morgantown Ped Improvement Design Study WV 705	Planning and Workforce Development Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2019	9/4/2019 A	HSIP	ENG	WV 705	Design Study	S23170500000	HSIP0705019D	\$300,000	\$375,000		June, 2019
I-79 Access PIE Study	Planning and Workforce Development Program	Travel Time Reliability , Freight Movement , Congestion Mitigation , Safety	#1-Multimodal, #3-Safety , #2-Integration and Connection, #4-Freight	2019	8/29/2019 A	NHPP	ENG	NA	Design Rpt PIE	X231MORAC000	NHPP0792200D	\$1,170,000	\$13,000,000		June, 2019
I-79 Halleck Road Overpass	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2020	10/22/2019 A	NHPP	CON	I079	Replace Bridge	S331791438100	NHPP0793280D	\$11,970,000	\$13,300,000		June, 2019
Caperton Trail Drainage	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2020	9/28/2020 E	NRT	CON	NA	Design/Upgrade Drainage	U331CAPER200	NRT2018214D	\$31,400	\$39,250		June, 2019
WV 43 Colonel Zackquill Morgan Bridge	Bridge Program	NHS Bridge Condition	#1-Multimodal, #3-Safety	2019	5/20/2019 A	NHPP	ENG	I079	6-yr Inspection	T6314320700	NHPP043137D	\$291,240	\$364,050		June, 2019
Caperton Trail Lighting	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2020	12/28/2019 E	NRT	ENG	NA	Install Lighting	U331CAPER300	NRT 2018217DTC	25000	25000		June, 2019
Caperton Trail Lighting	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2020	9/28/2020 E	NRT	CON	NA	Lighting	U331CAPER300	NRT2018218D	\$100,000	\$125,000		August, 2019
Dunkard Ave Sidewalks Phase V	Community Development and Connectivity Program	Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2020	12/28/2019 E	TAP	ENG	NA	Sidewalks	U331MONON604	TAP2018215DTC	\$60,000	\$60,000		August, 2019
Dunkard Ave Sidewalks Phase V	Community Development and Connectivity Program	Bike/Ped Safety	#1-Multimodal, #3-Safety , #6-Attractive, Sustainable & Livable	2021	1/28/2021 E	TAP	CON	NA	Sidewalks	U331MONON604	TAP2018216DTC	\$240,000	\$240,000		August, 2019
River Road (CO45) Slide Repairs	Localized Mobility Program	Safety	#1-Multimodal, #3-Safety	2019		STBG	CON		Road Slide Repair		STBG0045080D	\$2,000,000	\$2,500,000		August, 2019
River Road (CO45) Slide Repairs	Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety	2020	1/28/2020 E	STBG	ROW	CO 45	Slide Repairs	S33145115000	STBG00455080D	1180000	1475000	Jct CR 19/19 to US 19	Nov, 2019
River Road (CO45) Slide Repairs	Localized Mobility Program	NHS Pavement Condition , Safety	#1-Multimodal, #3-Safety	2020	5/28/2020 E	STBG	CON	CO 45	Slide Repairs	S33145115000	STBG00455080D	4800000	6000000		Nov, 2019