



**Staunton Augusta
Waynesboro**
Metropolitan Planning
Organization

112 MacTanly Place
Staunton, VA 24401

Phone (540) 885-5174
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2022 Technical Advisory Committee (TAC) Meeting Schedule

January 19, 2022 - **CANCELLED**

July 20, 2022 - **CANCELLED**

February 16, 2022

August 17, 2022

March 16, 2022

September 21, 2022

April 20, 2022

October 19, 2022 - **CANCELLED**

May 18, 2022 - **CANCELLED**

November 16, 2022

June 15, 2022

December 21, 2022 - **CANCELLED**

Third Wednesday of each month at 2:00 p.m.

Location (unless otherwise noted):

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, Virginia



Technical Advisory Committee Meeting Agenda February 16, 2022 at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Via ZOOM Video Conference

1. Call to Order
 2. Public Comment
 3. Approval of the Minutes of the December 21, 2021 TAC Meeting*
 4. FY 2023 Unified Planning Work Program (UPWP) (TAC Memo #22-01)
 5. FY 2022 Safety Performance Targets (TAC Memo #22-02)
 6. FY 2022 Highway Safety Plan Update (TAC Memo #22-03)
 7. Presentation: *VTrans Risk and Opportunity Register*; by Jitender Ramchandani, OIPI
 8. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
 9. Other Business
 10. Upcoming Meetings
 - March 2, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - March 16, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
 11. Adjournment
- * Action Required

Technical Advisory Committee (TAC) Regular Meeting Minutes December 15, 2021, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (13):

Voting Members				Others	
	City of Staunton		VDOT	✓*	Sam Styers, McCormick Taylor
✓	Rodney Rhodes	✓	Don Komara		Staff (CSPDC)
✓	Jeff Johnston		Adam Campbell (Alt)		Ann Cundy
	Tim Hartless (Alt)	✓	Josh Dunlap (Alt)	✓	Zach Beard
	Lyle Hartt (Alt)		VA DRPT	✓	Devon Thompson
	Augusta County	✓**	Wood Hudson	✓	Kimberly Miller
✓	Leslie Tate, Vice Chair		Grant Sparks (Alt)		
	Doug Wolfe	Non-Voting Members			
	Jeff VanFossen (Alt)		VRT		
✓	Caroline Vanterve (Alt)		Steve Wilson		
	City of Waynesboro		Phil Thompson (Alt)		
✓	Luke Juday		Federal Highway Admin.		
✓	Alisande Tombarge		Mack Frost		
	Brian McReynolds (Alt)		Federal Transit Admin.		
	Tony Smith (Alt)		Michele DeAngelis		
			VA Dept. of Aviation		
			Rusty Harrington		

*Due to COVID-19, a virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**Mr. Hudson, a voting member, participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; his home is greater than 60 miles from the meeting location. He participated from his work located at 600 East Main Street in Richmond.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Staunton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:00 p.m. by Vice Chairperson, Ms. Leslie Tate.

Public Comment

Vice Chair Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Vice Chair Tate presented minutes from the October 20, 2021 TAC Meeting.

Mr. Johnson moved, seconded by Ms. Tombarge, to approve the minutes of October 20, 2021, as presented. Motion carried (6-0; Mr. Rhodes abstained).

Election of Chairperson (TAC Action Form #21-03)

Vice Chair Tate presented the Election of Chairperson [effective in January 2022]. Mr. Juday nominated Ms. Tate for Chairperson and Ms. Tate was agreeable to serve in the role.

Mr. Juday moved, seconded by Mr. Rhodes to elect Ms. Tate for the position of Chairperson. Motion carried (6-0; Ms. Tate abstained).

Mr. Beard stated that a Vice Chairperson needs to be elected to replace Ms. Tate. He stated that per the SAWMPO Bylaws, the Chair and Vice Chair cannot be from the same locality.

Mr. Rhodes nominated Mr. Juday for Vice Chairperson and Mr. Juday was agreeable to serve in the role.

Mr. Rhodes moved, seconded by Ms. Tombarge to elect Mr. Juday for the position of Vice Chairperson. Motion carried unanimously (7-0).

2022 SAWMPO Meeting Schedule (TAC Memo #21-15)

Vice Chair Tate presented the 2022 SAWMPO Meeting Schedule. Mr. Beard stated that the 2022 meeting schedule was approved by the Board at their December meeting and that the schedule is published on the website and was advertised in the newspapers. He stated that the schedule remains the same with the Board meetings on the first Wednesday of the month at 10:00 a.m. and the TAC meetings on the third Wednesday of the month at 2:00 p.m.

I-81 Exit 235 Study Survey Update (TAC Memo #21-16)

Vice Chair Tate presented the I-81 Exit 235 Study Update. Mr. Beard stated that the Exit 235 study in Weyers Cave is looking at improvements along Rt 256 from Route 11 to Triangle Drive to address congestion and safety. He stated that the consultant, Michael Baker, presented six preliminary concepts to the Augusta County Board of Supervisors and received feedback from the Board; five of the six concepts were selected for more detailed analysis. These five concepts were included in the online survey which was released on December 3rd. Mr. Beard stated that the survey is available through December 22nd and is on the MetroPlex platform where users can view and rate each of the concepts and provide comments. He said that there have

been 240 respondents to date. Survey results will be compiled and presented to the study group next month, Mr. Beard stated, and the final report is expected by March 2022.

Infrastructure Investment and Jobs Act (IIJA) Update (TAC Memo #21-17)

Vice Chair Tate presented the Infrastructure Investment and Jobs Act (IIJA). Mr. Beard stated that the U.S. House of Representatives passed the \$1.2 trillion Infrastructure Investment and Jobs Act (IIJA), also known as the Bipartisan Infrastructure Bill, on November 5, 2021, and the President signed the bill into law on November 15, 2021. The legislation covers spending from FY22 through FY26, including reauthorization of the FAST Act, the prior five-year transportation spending plan. Of the \$1.2 trillion, \$650 billion is reauthorized transportation spending, \$550 billion is new spending, and of that, \$284 billion is allocated specifically for transportation. A majority of the transportation funding is allocated for highway improvements and transit, while new programs address climate impacts, equity, and electric vehicle infrastructure.

Virginia will receive a 32% increase over 2021 funding. Mr. Beard stated that there is funding available for a variety of transportation and transit projects. He stated that there are two types of federal funding – formula funding and competitive grants. Mr. Beard explained the new Bridge Investment Program, which has been allocated a total of \$27.5 billion in formula funding; \$537 million of that is allocated for Virginia.

Discussion included taking care to consider future maintenance costs of the projects that are funded during a “once-in-a-lifetime” funding opportunity. Mr. Beard stated that the desire is to accelerate projects that have already been put into the MPO’s plan. In addition, the current shortage of available engineers, construction firms, and materials was discussed. (Presentation attached to file minutes.)

Presentation: “Virginia Transit Equity and Modernization Study” by Wood Hudson, Transit Planner, DRPT

Vice Chair Tate presented the Virginia Transit Presentation. Mr. Hudson stated that he will provide an overview of the HJ 542 Virginia Transit Equity and Modernization Study that DRPT is undertaking. The study was initiated by a joint general assembly resolution directing DRPT to conduct a 2-year needs assessment study focused on modernization and transit equity with emphasis on engagement opportunities for underrepresented communities.

Mr. Hudson stated that the study’s broad topic areas are: 1) transit accessibility, 2) adequacy of infrastructure, 3) transit electrification, 4) emerging tech, 5) transit safety, and 6) system engagement and governance. The products of the study will be to identify transit agency, rider and stakeholder needs, to develop an action plan to address those needs, and to define underrepresented and underserved communities.

Mr. Hudson detailed the plan and study activities which fall into three broader steps; data collection, baseline conditions and action plan. Technical Working Groups made up of DRTP staff, transit agency staff, stakeholders, and industry partners were developed to provide input, feedback, and technical assistance throughout the process. A robust public engagement program is underway using a variety of methods and platforms, including information and feedback made available through the study website at www.vatransitequity.com. A draft interim study report is with the Secretary’s office for review; next steps include action planning and the final study report.

Mr. Hudson encouraged involvement by spreading the word about the website and public engagement activities and getting on the study email list through the study website, www.vatransitequity.com. (Presentation attached to file minutes.)

Agency Updates

VDOT

Mr. Komara gave the following update:

- All of the I-81 projects continue to move forward; updates are available on Improve81.org.
- I-81 Exits 221-225 widening project - a citizens information meeting has been held and a public hearing will be held in summer 2022. This will be a design/build project and is expected to be advertised in 2024.
- Construction is expected in 2024 for the climbing lanes near Weyers Cave.
- The Waynesboro Park & Ride lot improvements are substantially complete; parking is ready and grass is planted.
- The bridge on Rt 703/Hewitt Rd is finished.
- Snow removal preparations are complete and VDOT is ready; additional contractors are being sought for hire.

DRPT

Mr. Hudson gave the following update:

- The DRPT grant cycle opened on September 1st and will remain open until February 1st. Resources are available on the website.

Transit

Ms. Thompson gave the following update:

- The Afton Express has been operating for three months. Passengers have taken over 1,600 trips as of early December (total boardings) with daily passenger trips averaging in the mid-to-upper thirties. Passenger counts, route performance and the schedule continue to be monitored and evaluated so that changes may be made if necessary.
- Waynesboro Park & Ride Lot enhancements, including the installation of new permanent shelters, are complete and the lot is being used for the Waynesboro stop.
- Afton Express will begin using a text alert system, TextMarks, to give real time information and alerts to Afton Express riders. Riders will be able to opt-in to receive these alerts which include late bus, traffic detours, and weather alerts. The system is live and will be ready for use by passengers in the coming weeks.
- The Transit Development Plan (TDP) process is underway. Currently, the public opinion survey and onboard rider surveys are open through the end of the day today (12/15/21). Surveys will provide feedback on what public transportation priorities are most important for area residents. The public opinion survey is accessible online and links are available on the BRITE website, and paper copies are available at locations around the region including onboard the buses.
- An FTA discretionary grant (5339 Bus and Bus Facilities) was submitted for the rehabilitation of the Stanton Lewis Street Hub. Proposed enhancements include resurfacing of the lot, additional passenger amenities, improved accessibility, and safety such as bus shelters and lighting, and



reconfiguration of bus lanes and travel within the lot. Municipal parking spaces will still be available, as well as conduits for four EV charging stations. Kimley-Horn assisted the CSPDC in developing the concept plan for the grant application and projected cost estimate of \$1.2 million, including design and construction. This grant program is an 80/20 match, and grant award news should be available in 3-4 months.

Upcoming Meetings

Vice Chair Tate stated that the Policy Board is scheduled to meet on January 5, 2022 and the TAC on January 19, 2022.

Meeting Adjourned

Vice Chair Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 2:55 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Zach Beard".

Zach Beard
Transportation Planner



TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, SAWMPO Senior Planner
MEETING DATE: February 16, 2022
RE: **TAC Memo #22-01: FY 2022 Unified Planning Work Program (UPWP) Overview**

BACKGROUND

The UPWP is the annual work program and budget for the MPO. It details the administrative and planning activities during the fiscal year, and the federal, state and local funds used.

The TAC can make recommendations to MPO staff on the activities and funding levels in the UPWP during the annual update process. VDOT and DRPT provide the MPO with annual allocation of planning funds in the spring, and the final numbers are not yet available. Budgets from the previous two fiscal years are below.

Revenues	FY 2021	FY 2022
FHWA PL	\$151,973	\$153,635
PL Carryover	\$69,295	\$109,102
FTA 5303	\$94,084	\$91,376
FTA 5303 Carryover	\$28,840	\$61,920
Total	\$344,192	\$416,033

The FY22 budget focused on the Exit 235 Study, the Regional Bicycle and Pedestrian Connectivity Study, and Regional Highway Safety Study. In FY23, the MPO’s programmatic focus and budget will focus on Smart Scale Round 5 applications, and other activities requested by local and state partners.

PLANNING EMPHASIS AREAS

In December 2021, the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued updated planning emphasis areas (PEAs) for MPOs to incorporate into UPWP updates. PEAs are suggested policy, procedural, and technical topics, and there is flexibility in how MPOs incorporate PEAs into transportation planning processes.

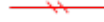
The updated PEAs focus on advancing new transportation programs included in the Infrastructure Investment and Jobs Act (IIJA), such as clean energy and climate resilience, equity and environmental justice, complete streets, focusing on linking transportation planning with environmental considerations, and facilitating data sharing between state agencies and MPOs.

NEXT STEPS

- April 13 – TAC recommends release of the Draft FY 2023 UPWP to public comment
- May 4 – Policy Board releases the Draft FY 2023 UPWP to public comment
- June 1 – Policy Board approves the FY 2023 UPWP

ATTACHMENTS

- [Current \(FY22\) UPWP](#)
- [2021 FHWA and FTA Planning Emphasis Areas](#)





TO: Stanton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, SAWMPO Senior Planner
MEETING DATE: February 16, 2022
RE: **TAC Memo #22-02: 2022 SAWMPO Safety Performance Targets**

EXECUTIVE SUMMARY

In 2016, the Federal Highway Administration (FHWA) established National Performance Measures for Safety Performance for the Highway Safety Improvement Program (HSIP) to assess fatalities and serious injuries on public roads. The FHWA requires that state DOTs set statewide annual safety percentage targets for reducing the number and rate of fatalities and serious injuries.

The SAWMPO must concur with VDOT's safety targets, or set its own targets, by February 27, 2022. As with targets from previous years, staff recommends concurring with VDOT's statewide annual safety percentage targets. There is no penalty for not meeting the targets.

SAFETY TARGETS

Statewide Targets

In June 2021, the Commonwealth Transportation Board (CTB) approved OIPI's proposed methodology and statewide targets for calendar year 2022. OIPI's methodology establishes targets from statistical models that project future safety performance based on data variables and expected crash reductions from completed projects. Data variables include five-year trends of the annual number of fatalities, serious injuries, and non-motorized fatalities and serious injuries.

In 2022, OIPI projects 861 fatalities, 6,901 Serious Injuries, and 646 Non-motorized Fatalities and Serious Injuries statewide. The numbers reflect the following 2022 safety target percentages:

- Fatalities: Increase of 1.37%
- Serious Injuries: Decrease of 2.36%
- Non-Motorized Fatalities and Serious Injuries: Decrease of 2.37%
- VMT: Increase of 6.8%

SAWMPO Targets and Actual Numbers

The SAWMPO's 2016 – 2020 five-year average fatality and severe injury rate is lower than the statewide targets, with rates for both decreasing since 2018. The MPO's number of actual fatalities and serious injuries have been below safety targets since the MPO began setting targets in 2018. However, the MPO recorded seven fatalities in 2021 according to VDOT crash data from January through September 30, 2021, which suggests that the MPO may meet or surpass the target once crash data is available for the entire year (see **Table 1**).

Table 1: Safety Targets and Actual Numbers, 2018 – 2022

	2018 Target	2018 Actual	2019 Target	2019 Actual	2020 Target	2020 Actual	2021 Target	2021 Actual*	2022 Target
Fatalities	9	4	9	5	10	5	8	7	7
Rate of Fatalities per 100M VMT	.88	.48	.90	.49	.93	.56	.77	NA	.74
Serious Injuries	121	111	120	91	119	81	117	69	109
Rate Serious Injury Per 100M VMT	12.1	11.2	11.8	8.8	11.5	9.1	11.11	NA	10.7
Non-motorized Fatalities/Serious Injuries	10	6	10	6	10	9	10	4	9

*Data from January 1 – September 30, 2021

NEXT STEPS

Staff will submit the letter to VDOT outlining the MPO’s safety targets for 2022.

ATTACHMENT

[SAWMPO letter of concurrence with State safety targets](#)





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TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, SAWMPO Senior Planner
MEETING DATE: February 16, 2022
RE: **TAC Memo #22-03: 2022 SAWMPO Highway Safety Plan Update**

EXECUTIVE SUMMARY

In June 2021, the Policy Board approved working with the VDOT Traffic Engineering Division to develop a Regional Highway Safety Plan. The Study kick-off will begin in March 2022.

HSIP REGIONAL TRANSPORTATION SAFETY PLAN

VDOT's Traffic Engineering Division is working with MPOs to develop regional Highway Safety Plans. The plans are based on the statewide [Virginia 2017 – 2021 Highway Safety Plan](#), and are entirely federally-funded. The [first regional Transportation Safety Plan](#) was completed for the Roanoke Valley Transportation Planning Organization (RVTPO) in 2019, which will provide a baseline for the SAWMPO Plan.

The SAWMPO Highway Safety Plan will highlight regional safety trends, crash data, and countermeasures and implementation strategies that address not only infrastructure improvements, but also behavioral safety issues such as speeding, distracted driving, impaired driving, unbelted driving, and other issues. The results can inform future grant applications, as well as local policies and investments related to transportation safety.

Pre-scoping meeting

MPO Staff met with VDOT Traffic Engineering staff and a consultant on January 7, 2022 for a pre-scoping meeting to discuss the planning process. The Study Team will include the MPO TAC and stakeholders from the community involved in public safety – such as law enforcement, other first responders, and non-motorized transportation advocates – to provide a broader perspective on the issues impacting regional transportation safety, and inform the Study implementation strategies.

NEXT STEPS

The Study Team will meet on March 16, 2022 for the kick-off presentation. VDOT anticipates that the Study will take approximately six months to complete.

ATTACHMENTS

- [Virginia 2017 – 2021 Highway Safety Plan](#)
- [RVTPO Safety Plan](#)



Technical Advisory Committee Meeting Agenda March 16, 2022 at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Via ZOOM Video Conference

1. Call to Order
 2. Public Comment
 3. Approval of the Minutes of the February 16, 2021 TAC Meeting*
 4. Presentation: SAWMPO Highway Safety Plan Kick-off – Stephen Read, VDOT Highway Safety Improvement Program (HSIP) Manager, and staff from VHB Civil Engineering Consulting
 5. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
 6. Other Business
 7. Upcoming Meetings
 - April 6, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - April 20, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
 8. Adjournment
- * Action Required



Technical Advisory Committee (TAC) Regular Meeting Minutes February 16, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (18):

Voting Members				Others	
	City of Staunton		VDOT	✓*	Jitender
✓	Rodney Rhodes	✓	Don Komara	✓	Scott Kesecker, Waynesboro
✓	Jeff Johnston		Adam Campbell (Alt)	✓*	Sam Styers, McCormick Taylor
	Tim Hartless (Alt)	✓*	Josh Dunlap (Alt)		Staff (CSPDC)
	Lyle Hartt (Alt)		VA DRPT		Ann Cundy
	Augusta County	✓**	Wood Hudson	✓	Zach Beard
✓	Leslie Tate, Chairperson		Grant Sparks (Alt)	✓	Devon Thompson
	Doug Wolfe	Non-Voting Members		✓	Kimberly Miller
✓	Jeff VanFossen (Alt)		VRT	✓	Jeremy Crute
✓*	Caroline Vanterve (Alt)		Steve Wilson		
	City of Waynesboro		Phil Thompson (Alt)		
✓	Luke Juday		Federal Highway Admin.		
✓	Alisande Tombarge		Mack Frost		
	Brian McReynolds (Alt)		Federal Transit Admin.		
✓*	Tony Smith (Alt)		Michele DeAngelis		
			VA Dept. of Aviation		
			Rusty Harrington		

*Due to COVID-19, a virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**Mr. Hudson, a voting member, participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; his home is greater than 60 miles from the meeting location. He participated from his work located at 600 East Main Street in Richmond.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Staunton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:02 p.m. by Chairperson, Ms. Leslie Tate.

Ms. Tate opened the floor for introductions of visitors. Mr. Beard introduced Mr. Jeremy Crute, hired by the CSPDC as a Planner. Mr. Juday introduced Mr. Scott Kesecker, Waynesboro's new City Engineer.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the December 21, 2021 TAC Meeting.

Mr. Rhodes moved, seconded by Mr. Komara, to approve the minutes of December 21, 2021, as presented. Motion carried (7-0).

FY2023 UPWP (TAC Memo #22-01)

Chairperson Tate presented the FY2023 UPWP. Mr. Beard stated that every year about this time we receive our upcoming fiscal year funding allocations and begin reviewing the upcoming fiscal year budget and MPO work activities, which are outlined in the Unified Planning Work Program (UPWP). He explained that annual funding is based on allocations from our two main funding partners: 1) Federal Highways/VDOT, which allocate our highway funds, and 2) FTA/DRPT, which allocate transit funds. Mr. Beard stated that the budget is for the fiscal year which runs from July 1 through June 30. This is an opportunity for the TAC to begin thinking about the MPO's work activities and provide input on areas of focus for FY23, from new transportation studies to MPO assistance. He stated that the annual allocations typically remain the same year over year; the main difference being the carryover amounts. He clarified that funds not used in a fiscal year can be carried over into the next fiscal year.

Mr. Beard stated that the FY22 budget focuses on the Exit 235 Study, the Regional Bicycle and Pedestrian Connectivity Study, and Regional Highway Safety Study. He added that in FY23, the MPO's programmatic focus and budget will focus on Smart Scale Round 5 applications, and other activities requested by local and state partners.

Mr. Beard stated that in December 2021, the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued updated planning emphasis areas (PEAs) for MPOs to incorporate into UPWP updates. He stated that the updated PEAs focus on advancing new transportation programs included in the Infrastructure Investment and Jobs Act (IIJA), linking transportation planning with environmental considerations, and expanding the range of MPOs' efforts.

Mr. Beard stated that the final FY23 numbers will be presented to the TAC in April and he asked for TAC members to come prepared with activities or studies that the localities would like to pursue in the upcoming fiscal year. He stated that the draft UPWP will be reviewed with the Board in May, then it will be released for public comment, and adopted in June.

FY2022 Safety Performance Targets (TAC Memo #22-02)

Chairperson Tate presented the FY2022 Safety Performance Targets. Mr. Beard stated that each year statewide safety targets are set by OIPI and approved by the CTB. He explained that targets are set for the number and rate of fatalities and serious injuries, and the number and rate of non-motorized crashes. Mr. Beard stated that MPOs have the option of setting their own targets or concurring with the targets set by the state. He stated that as in years past staff recommends that the SAWMPO concur with state targets and stated that there is no penalty for the MPO not meeting the targets. Mr. Beard stated that the 2022 targets, based on a rolling average of the past five years of crash data, are projected by OIPI to be 861 fatalities, 6,901 serious injuries, and 646 non-motorized fatalities and serious injuries statewide. Mr. Beard explained how the statewide targets are applied to the SAWMPO region and stated that the MPO's actual numbers are better than the targets. He stated that a letter of concurrence was reviewed with the Policy Board and the letter will be sent to OIPI on behalf of the SAWMPO.

FY2022 Highway Safety Plan Update (TAC Memo #22-03)

Chairperson Tate presented the Highway Safety Plan Update. Mr. Beard stated that in June 2021, the Policy Board approved working with the VDOT Traffic Engineering Division to develop a Regional Highway Safety Plan. The Study kick-off will begin in March 2022. Mr. Beard explained that VDOT's Highway Safety Improvement Program (HSIP) works on the state's annual safety targets and efforts of reducing the number of crashes statewide. He stated that VDOT is working with MPOs to develop region-specific Highway Safety Plans to help address region-specific safety needs. These plans are 100% federally-funded.

Mr. Beard stated that the resulting SAWMPO highway safety plan will analyze safety targets (mentioned in the previous memo) and also aspects of crash characteristics that are not considered as often with MPO studies, such as behavioral crash patterns (speeding, distracted driving, unbelted driving, etc.). He stated that this data will help provide context on the root causes behind the crash data, information which may inform future grant applications, local policies and investments related to transportation safety.

Mr. Beard stated that the MPO met with VDOT staff and a consultant in January to discuss the study scope. He stated that the study team will include the TAC and stakeholders involved with public safety, such as police, first responders, bike/ped advocates, etc. Mr. Beard stated that the study will take about 6 months to complete.

Presentation: "VTrans Risk and Opportunity Register" by Jitender Ramchandani, OIPI Statewide Transportation Planning (STP) Manager

Chairperson Tate introduced the presentation by Mr. Jitender Ramchandani. Mr. Beard welcomed Mr. Ramchandani, who is the Statewide Transportation Planning Manager at OIPI, and stated that he is with the TAC today to provide information on the next step in the VTrans 2045 process.

Mr. Ramchandani stated that VTrans, the state's long-range transportation plan is currently in the process of the every 5-year update. He started by showing a short video ([available here](#)). The plan has four components, number three being Long-Term Risk and Opportunity Register (LT-ROR), which is the topic of today's presentation.

The framework for the LT-ROR is comprised of five steps; 1) identify mega and macrotrends, 2) identify metrics for CTB goals, 3) estimate impacts of macrotrends on metrics, 4) develop VTrans LT-ROR, and 5) track macrotrends for annual reporting. Mr. Ramchandani explained the four megatrends that were identified (climate, technology, consumption patterns and socio-demographic) and the macrotrends (i.e. increase in flooding risk, adoption of autonomous and electric vehicles, growth in e-commerce and automation, and population impacts on the workforce) that are expected. He went into detail about the ways macrotrends can impact specific transportation goals. As a result of this analysis, OIPI identified 19 risks and opportunities (available at <https://vtrans.org/long-term-planning/long-term-risk-register>). These identified risks and opportunities may be relevant for regional and local entities, he explained. The CTB has directed OIPI to monitor these mega and macrotrends and provide them with annual updates. Mr. Ramchandani stated that resources are available for policy makers and practitioners; a [policy guide](#) and a [technical guide](#).

Mr. Ramchandani requested that the MPO and PDC do the following:

- Monitor the 19 risks and opportunities ([available here](#)),
- Share them with your policy board members,
- Study and develop pilots to address the identified risks and opportunities; the GAP-TA Program Component 2 offers resources to get ahead of the curve on some of the more localized impacts, and
- Evaluate the extent to which your LRTP will be impacted.

He stated that OIPI will monitor the long-term risks and opportunities and modify them based on new information/data. OIPI will also collaborate with VDOT, DRPT and other stakeholders to implement and monitor the VTrans Strategic Actions (Step 4 in the LRTP process), and inform local and regional jurisdictions of available resources that are or come available. (Presentation attached to file minutes.)

Chairperson Tate thanked Mr. Ramchandani on behalf of the TAC for this presentation and requested that the slides be shared with the TAC members.

Agency Updates

VDOT

Mr. Komara gave the following update:

- All of the I-81 projects continue to move forward; updates are available on Improve81.org.
- I-81 Exits 221-225 widening project activities are underway with an upcoming public hearing in May and advertisement in the fall.
- Staunton widening from exits 221-225 public hearing in May; and request for quotes in the spring.
- A public hearing will be held in September for the climbing lanes project near Weyers Cave.
- The left turn lane at Mill Place, improvements to Park & Ride, and 262 widening project advertisements will go out in early 2023.
- Snow removal has been necessary this year on several occasions.

DRPT

Mr. Hudson gave the following update:

- DRPT is currently reviewing transit grants for capital, operating and special programs funding.

-
- 5303 grant funding estimates will be available later this month; applications are due May 2nd.
 - The Transit Equity and Modernization Study (VA HJR 542) interim report has been released ([available on the website](#)) and it is currently being used to inform the action planning phase of the study.
 - SMART SCALE Round 5 pre-application window opens in March; reach out to Mr. Hudson if any assistance is needed on preparing any application with a transit component.

Transit

Ms. Thompson gave the following update:

- The Afton Express has been operating for five months. Passengers have taken over 2,300 trips as of early February (total boardings) with daily passenger trips averaging in the mid-to-upper thirties. Passenger counts, route performance and the schedule continue to be monitored and evaluated so that changes may be made if necessary.
- The Transit Development Plan process continues; the public opinion and rider survey results have been analyzed and Chapters 1-3 are drafted and will be presented to the TAC after staff review.
- FY23 DRPT grant applications were submitted for urban and rural operating and capital, a demonstration grant for Afton Express operations, and for the state match for the Stanton Lewis Street Hub improvements.

Locality Updates

Chairperson Tate stated that a new agenda item has been added for localities to provide updates on activities that may be of interest to the body.

Chairperson Tate gave the following updates for Augusta County:

- A survey was completed for the Small Area Study at Exit 235 with good public participation. The results were presented to the Board of Supervisors who requested to have a public hearing which will be held at BRCC Plecker Center on March 7th from 5-7 pm in an effort to get additional public input.
- Staff will be seeking guidance from the Board of Supervisors on their priorities for SMART SCALE applications.

Mr. VanFossen added that the County is in the right-of-way phase of the Verona Sidewalk project and is securing remaining parcels so construction can begin.

Mr. Rhodes gave the following update for Stanton:

- Staff is reviewing the STARS study recommendations of the 10 downtown intersections for potential project applications.

Mr. Johnston added that the City is considering the possible closure of Beverly Street through downtown Stanton during the summer months (as in years past). An announcement will be made soon, and if implemented, the closure will impact traffic and bus routes.

Mr. Juday gave the following updates for Waynesboro:

- There are several new subdivisions being constructed in Waynesboro.
- The East Main Street and Broad Street SMART SCALE projects have been accelerated.



Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on March 2, 2022 and the TAC on March 16, 2022; both at the CSPDC.

Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 2:56 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Zach Beard".

Zach Beard
Transportation Planner



Technical Advisory Committee Meeting Agenda April 20, 2022 at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Via ZOOM Video Conference

1. Call to Order
 2. Public Comment
 3. Approval of the Minutes of the March 16, 2022 TAC Meeting*
 4. Draft FY23 Unified Planning Work Program (UPWP) (TAC Action Form #22-01)*
 5. FY22 Bicycle and Pedestrian Study Update (TAC Memo #22-04)
 6. Presentation: *Pedestrian Safety Action Plan (PSAP) Mapping Tool*; by Shan Di, Crash Data and Analysis Manager, VDOT
 7. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
 8. Other Business
 9. Upcoming Meetings
 - May 4, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - May 18, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
 10. Adjournment
- * Action Required



Technical Advisory Committee (TAC) Regular Meeting Minutes March 16, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (26):

Voting Members				Others	
	City of Staunton		VDOT	✓*	Ryan Krunz, VDOT
✓	Rodney Rhodes		Don Komara	✓*	David Morris, VDOT
✓	Jeff Johnston	✓	Adam Campbell (Alt)	✓*	Stephen Read, VDOT
	Tim Hartless (Alt)	✓	Josh Dunlap (Alt)	✓*	Chris Daily, VHB
	Lyle Hartt (Alt)		VA DRPT	✓*	Eric Tang, VHB
	Augusta County	✓**	Wood Hudson	✓*	Terry Lafon, ACPS Transportation
✓	Leslie Tate, Chairperson	✓**	Grace Stankus	✓*	Kyle Lawrence, SVBC
	Doug Wolfe	Non-Voting Members		✓*	Patrick Lam, ACEMS
✓	Jeff VanFossen (Alt)		VRT	✓*	Matthew Bond, VDOT
	Caroline Vanterve (Alt)		Steve Wilson	✓	Daniel Linkus, CSEMS/OGMS
	City of Waynesboro		Phil Thompson (Alt)	✓	Brian Brown, Staunton Police
✓	Luke Juday		Federal Highway Admin.		Staff (CSPDC)
✓	Alisande Tombarge		Kevin Jones	✓	Ann Cundy
	Brian McReynolds (Alt)		Federal Transit Admin.	✓	Zach Beard
	Tony Smith (Alt)		Michele DeAngelis	✓	Devon Thompson
			VA Dept. of Aviation	✓	Kimberly Miller
			Rusty Harrington	✓	Paula Melester

*A virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**A voting member who participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; whose home is greater than 60 miles from the meeting location. Participation location is recorded in the file minutes.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Stanton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:02 p.m. by Chairperson, Ms. Leslie Tate.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the February TAC Meeting.

Mr. Johnston moved, seconded by Mr. Juday, to approve the minutes of February 16, 2022, as presented. Motion carried unanimously (7-0; Mr. Hudson abstained).

Presentation: "SAWMPO Highway Safety Plan Kick-off" by Stephen Read, VDOT Highway Safety Improvement Program (HSIP) Manager and staff from VDOT and VHB

Chairperson Tate presented the Highway Safety Plan Kick-off. Mr. Beard welcomed everyone to the SAWMPO Highway Safety Plan Kick-off meeting. He stated that the SAWMPO is working with VDOT and VHB, civil engineering consultant, on developing a regional safety plan that is part of VDOT Highway Safety Program. One of the main goals of this program, Mr. Beard explained is to reduce the number of crashes statewide. He stated that this study will be created specifically for the SAWMPO region and will provide a deep analysis of different aspects of safety data and will include the behavioral aspect of crashes (i.e. unbelted driving, distracted driving). The results of this study will be used for future transportation studies for both the MPO and local level, and for future planning efforts and project applications. Mr. Beard stated that the study team consists of the SAWMPO TAC and includes a wide variety of stakeholders from the region who are involved in public safety.

Mr. Eric Tang of VHB introduced himself and Mr. Ryan Krunz of VDOT who made some opening remarks. Mr. Beard asked that everyone introduce themselves since there are many first-time attendees. After introductions, Mr. Tang stated that VHB and VDOT have been working together throughout the state on regional safety studies; Richmond's being the most recent to be completed. He stated that this study will help inform target setting and project prioritization across the localities.

Mr. Tang opened by outlining the presentation, which is to go over the project scope, data analysis elements and next steps. He stated that the project scope includes project management, three meetings with SAWMPO staff and local stakeholders, data collection, identification of over-represented locations for severe crashes, countermeasure overview and a final report. Mr. Tang stated that the report document will include activities that may address the various crash factors. He stated that data collected and analyzed is historical crash data from VDOT with a focus on fatal and serious injury crashes over the last five years.

Mr. Tang showed different ways the data may be analyzed, including cross tab analysis which provides data on multiple factors that helps to prioritize the most effective mitigation strategies. He stated that the analysis has not included interstates and divided controlled access roadways, but he asked the group if there is a desire to include the interstates. The comments from the group reflected a desire to leave out the interstates.

Mr. Tang explained additional tools to analyze the data, such as the High Injury Network that looks at the relationship between high number of crashes with areas with high challenging health outcomes, and pedestrian considerations using a Pedestrian Safety Action Plan (PSAP). He showed the FHWA's Crash Tree Tool (under systemic tools at <https://safety.fhwa.dot.gov/LRSPDIY/safety-data.cfm>) and the helpful information it can provide about combinations of factors that are the most impactful to help develop countermeasures. Mr. Tang discussed sources of countermeasures that are already developed and available.

Mr. Tang said that the next steps include the collection of crash data, roadway data, and relevant PSAP information, and he said that the project is expected to be completed by the end of 2022.

In response to a question by Mr. Campbell as to whether projects that have already been funded and even completed will be taken into consideration in the analysis, Mr. Tang said that they did not include this information in the Richmond study but if the MPO desires, they can add that layer.

Chairperson Tate thanked Mr. Tang for his presentation. Mr. Read closed by saying that if there are any concerns in the region that need to be considered, they can be discussed at the next meeting (June timeframe).

Agency Updates

VDOT

Mr. Campbell gave the following update:

- The SMART SCALE Round 5 pre-application deadline is 2 weeks away.

Mr. Dunlap gave the following update:

- All of the I-81 projects continue to move forward; updates are available on Improve81.org.
- I-81 Exits 220-221 auxiliary lane is in the right-of-way phase and will move in the advertisement phase in early 2023.
- Staunton widening from exits 221-225 is a design/build with public hearing planned for late May.
- A public hearing will be held in September for the climbing lanes project near Weyers Cave.
- Staunton Crossing will go to advertisement in April.
- Mill Place Parkway dual left turn lane is in the right-of-way phase.
- Rt 262 widening between Rt 613 and Rt 252 will be advertised in early 2023.
- Exit 235 right turn lanes is being re-advertised in April.
- The Spring Transportation meeting will be held in early May.
- Augusta County secondary 6-year plan public meeting will be in May.

DRPT

Mr. Hudson gave the following update:

- Ms. Grace Stankus is new to the DRPT team and will be taking over being the representative to the SAWMPO. Ms. Stankus stated that she started at DRPT in January. She has been shadowing Mr. Hudson and she is looking forward to getting started with the SAWMPO.
- SMART SCALE Round 5 pre-application window is closing soon.

-
- Congratulations to CSPDC and BRITE for being awarded the FTA Bus and Bus Facilities award for rehabilitation of the Staunton transit hub. DRPT was happy to assist with the application and is excited to continue to work with CSPDC and BRITE on this project.

Transit

Ms. Thompson gave the following update:

- The FTA grant award for the Staunton transit hub rehabilitation will include resurfacing the lot, additional passenger amenities, and improved accessibility, and reconfiguration of the bus lanes within the lot. The municipal parking spaces will remain available and preparation for four EV charging stations will be installed.
- The federal mask mandate was extended through April 18th and masks continue to be made available on the buses.
- The Afton Express has been operating for six months. Passengers have taken over 2,700 trips as of the end of February (total boardings). In February, there was an average of about 30 passenger trips per day, with the highest daily total being 47. Passenger counts and route performance continue to be monitored for potential route and schedule improvements.
- The Transit Development Plan (TDP) process continues. The public opinion survey and onboard rider surveys that were available late last year have been analyzed. Some survey result highlights include:
 - On board survey:
 - Most passengers were travelling to work, followed by shopping/errands and medical needs. Riders are also frequent system users.
 - High satisfaction rates were found, particularly with the bus drivers and dispatch.
 - Rider demographics showed that most riders do not have a driver's license nor access to a vehicle.
 - High ranked service improvements include service on Sunday, bus stop amenities, later evening service, and additional Saturday service.
 - Public opinion survey:
 - A majority of respondents (78%) were aware of BRITE services and of those most had an overall positive impression.
 - About 90% of respondents believe that there is a need for either additional or improved public transportation in the region and indicated support for additional funding to expand public transportation in the future.
 - When asked to prioritize potential service improvements, the most popular answers were later evening service, expansion outside of the SAW area, bus stop/shelter improvements, and additional Saturday service and Sunday service.

Locality Updates

Chairperson Tate asked for localities updates.

Mr. Johnston gave the following updates for Staunton:

- The FTA grant award is good news; the bus stop will have to be relocated during construction and a location has not been selected yet for the temporary hub.

Mr. Juday gave the following updates for Waynesboro:

- The Greenway Phase IIB goes to construction in April which is a large expansion of the park. Phase III is a sidewalk project.
- There is a lot of new development in the City that is resulting in new roadway connections being made.

Chairperson Tate gave the following update for Augusta County:

- An in-person public comment meeting was held for the Exit 235 study; there were 29 people who attended and good feedback was provided. The feedback will be included in the final report and the CSPDC will present the results to the Supervisors next week.

Mr. VanFossen added the following updates for Augusta County:

- The Verona Sidewalk project is in the right-of-way phase. Comments were received from VDOT on the Rt 612 portion, and the project will be advertised soon.
- Rt 612/910 will be discussed tomorrow to discuss right-of-way.

Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on April 6th and the TAC on April 20th at the CSPDC.

Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 2:50 p.m.

Respectfully submitted,



Zach Beard
Senior Transportation Planner



112 MacTanly Place
Staunton, VA 24401

Phone (540) 885-5174
Fax (540) 885-2687

TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: April 20, 2022
RE: **TAC Action Form #22-01: FY 2023 Unified Planning Work Program (UPWP) Release to Public Comment**

RECOMMENDATION

Recommend that the SAWMPO Policy Board release the draft FY 2023 UPWP for a 21-day public comment period.

BACKGROUND

The UPWP is the annual work program and budget for the MPO. The Draft FY 2023 UPWP was prepared in coordination with VDOT and DRPT. The TAC can make recommendations on the activities and funding in the UPWP before final approval. The proposed budget for FY 2023, and the previous year’s budget, are below:

Revenues	FY 2022	FY 2023
FHWA PL	\$153,635	\$143,750
PL Carryover	\$109,102	\$100,552
FTA 5303	\$91,376	\$102,363
FTA 5303 Carryover	\$65,500	\$50,000*
Totals	\$419,613	\$396,665

* Estimate

The FY 2022 budget focused on the Exit 235 Study, the Regional Bicycle and Pedestrian Connectivity Study, and Regional Highway Safety Study. In FY 2023, the MPO’s programmatic focus and budget will focus on Smart Scale Round 5 applications, and other activities as requested.

PLANNING EMPHASIS AREAS

In December 2021, the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued updated planning emphasis areas (PEAs) focused on advancing new transportation programs included in the Infrastructure Investment and Jobs Act (IIJA), such as environment and equity initiatives. The FY 2023 draft includes new language addressing the PEAs, and this text is highlighted in red italics for the TAC’s consideration.

NEXT STEPS

- May 4 – Policy Board releases the Draft FY 2023 UPWP to 21-day public comment
- June 1 – Policy Board approves the FY 2023 UPWP

ATTACHMENT

[Draft FY 2023 UPWP](#)



112 MacTanly Place
Staunton, VA 24401

Phone (540) 885-5174
Fax (540) 885-2687

TO: Staunton-Augusta-Waynesboro MPO TAC

FROM: Zach Beard, Senior Planner

MEETING DATE: April 20, 2022

RE: **TAC Memo #22-04: Bicycle and Pedestrian Connectivity Study Update**

EXECUTIVE SUMMARY

The FY22 SAWMPO Bicycle and Pedestrian Regional Connectivity Study evaluates connectivity gaps between existing, funded, and proposed non-motorized bicycle and pedestrian facilities in Staunton, Augusta County, and Waynesboro, and suggests potential corridors and facilities to establish a regional network.

The Study also provides local planning staff baseline criteria for identifying and prioritizing future regional bicycle and pedestrian routes and facilities.

STUDY TIMELINE

The Study Team met on August 11, 2021, and reviewed the project scope and existing conditions. Staff developed a [technical memo](#) summarizing connectivity gaps between existing, funded, and planned infrastructure, and reviewed the memo with the Study Team on December 3, 2021.

During the December meeting, the Study Team discussed the preferred connection points and routes, which were categorized as higher density, moderate density, or low density based on roadway characteristics. The Study Team then identified the likely bicycle and pedestrian user types based on the density context to further inform the final recommendations

The input was incorporated into a final draft report, which was distributed to the Study Team for review on February 18, 2022.

NEXT STEPS

The final draft and online reference map are being finalized, and will be shared with the TAC at the April meeting, and the Policy Board in May.

ATTACHMENTS

[Gap Analysis Memo](#)

[Bicycle and Pedestrian Study Draft](#)



Technical Advisory Committee Meeting Agenda June 15, 2022 at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Via ZOOM Video Conference

1. Call to Order
 2. Public Comment
 3. Approval of the Minutes of the April 20, 2022 TAC Meeting*
 4. Smart Scale Round 5 Update (TAC Memo #22-05)
 5. Presentation and Discussion: SAWMPO Highway Safety Plan Meeting #2 – Data Collection and Analysis Review; VHB Civil Engineering Consulting
 6. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
 7. Other Business
 8. Upcoming Meetings
 - July 6, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - July 20, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
 9. Adjournment
- * Action Required



Technical Advisory Committee (TAC) Regular Meeting Minutes April 20, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (16):

Voting Members				Others	
	City of Staunton		VDOT	✓*	Shan Di, VDOT
✓	Rodney Rhodes	✓	Don Komara	✓*	Mark Cole, VDOT
✓	Jeff Johnston	✓	Adam Campbell (Alt)		Staff (CSPDC)
	Tim Hartless (Alt)		Josh Dunlap (Alt)	✓	Ann Cundy
	Lyle Hartt (Alt)		VA DRPT	✓	Zach Beard
	Augusta County	✓	Grace Stankus	✓	Devon Thompson
✓	Leslie Tate, Chairperson		Wood Hudson	✓	Kimberly Miller
	Doug Wolfe	Non-Voting Members		✓*	Paula Melester
✓	Jeff VanFossen (Alt)		VRT		
	Caroline Vanterve (Alt)		Steve Wilson		
	City of Waynesboro		Phil Thompson (Alt)		
✓	Luke Juday		Federal Highway Admin.		
✓	Alisande Tombarge		Kevin Jones		
	Brian McReynolds (Alt)		Federal Transit Admin.		
	Tony Smith (Alt)		Michele DeAngelis		
			VA Dept. of Aviation		
			Rusty Harrington		

*A virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**A voting member who participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; whose home is greater than 60 miles from the meeting location. Participation location is recorded in the file minutes.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Staunton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:00 p.m. by Chairperson, Ms. Leslie Tate.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the March TAC Meeting.

Mr. VanFossen moved, seconded by Mr. Rhodes, to approve the minutes of March 16, 2022, as presented. Motion carried unanimously (8-0).

Consideration of the Draft FY23 Unified Planning Work Program (UPWP) (TAC Action Form #22-01)

Chairperson Tate presented the FY2023 UPWP. Mr. Beard stated that the UPWP is the fiscal year budget and outlines MPO work activities. He explained that annual funding is based on allocations from our two main funding partners: 1) Federal Highways/VDOT, which allocate our highway funds, and 2) FTA/DRPT, which allocate transit funds.

Mr. Beard stated that the MPO received its FY23 allocations from VDOT and DRPT and the MPO will receive more money than was allocated for this current fiscal year. He stated that instead of \$143,750 indicated in the TAC Action Form, the FHWA PL funding for FY23 will be \$172,753, almost \$30,000 more in highway funding than originally projected. Mr. Beard stated that the budget tables in the UPWP were updated to reflect that updated funding amount. He stated that staff has allocated \$100,000 for small range planning this fiscal year, which means the MPO has enough funding to conduct a second small area study in the region.

The transit carryover is an estimate, and Mr. Beard explained that it will be finalized in the coming months and once the final number is received, the document will be amended to include the accurate carryover amount.

Mr. Beard stated that the FY22 (current) budget focuses on the Exit 235 Study, the Regional Bicycle and Pedestrian Connectivity Study, and Regional Highway Safety Study. He added that in FY23, the MPO's programmatic focus and budget will be on Smart Scale Round 5 applications, and two small area studies to be determined.

Mr. Beard stated that in December 2021, the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued updated planning emphasis areas (PEAs) for MPOs to incorporate into UPWP updates. He stated that the updated PEAs focus on advancing new transportation programs included in the Infrastructure Investment and Jobs Act (IIJA), linking transportation planning with environmental considerations, and expanding the range of MPOs' efforts. New language addressing the PEAs was highlighted in red italics within the document to show the additions that were made, he explained.

Mr. Beard concluded by stating that the final FY23 numbers will be presented to the Policy Board next month, and upon their approval, the document will be released for public comment in May, and then adopted in June.

Chairperson Tate asked for a motion to recommend to the Policy Board the draft FY23 UPWP for release for public comment.

Mr. Komara moved, seconded by Mr. Juday, to recommend to the Policy Board that the Draft UPWP be released to public comment. Motion carried unanimously (8-0).

FY22 Bicycle and Pedestrian Study Update (TAC Memo #22-04)

Chairperson Tate presented the Bicycle and Pedestrian Study Update. Mr. Beard stated that the main purpose of the Study was to evaluate bike and ped connectivity gaps between existing, funded, and proposed facilities in Staunton, Augusta County, and Waynesboro, and suggest routes for potential future bike & ped facilities. He stated that the Study Team met in August 2021 and reviewed the project scope and existing conditions and in December a technical memo summarizing bike and ped connectivity gaps was reviewed with the Study Team.

During the December meeting, the Study Team discussed the best routes to address the connectivity gaps Mr. Beard stated that the input was incorporated into a final draft report, which was distributed to the Study Team for review in February 2022. He stated that a final draft of the study report has since been developed and work has also begun on the creation of the companion online Bike and Ped Map Viewer Tool.

Mr. Beard summarized the draft final report and provided an overview and demonstration of the Map Viewer. Based on agreed-upon criteria, 11 system-wide connectivity gaps and 29 corridor gaps were identified. He stated that the study group identified the following three preferred east-west routes as the best routes to consider for future bike & ped infrastructure:

Route 1: New Hope-Saint James (New Hope-Saint James-Entry School),

Route 2: U.S. 250 (U.S. 250 from the Staunton City Limit to the Waynesboro City Limit),

Route 3: Barterbrook-Lyndhurst (Barterbrook-Ramsey-Tinkling Springs-Ladd-Lyndhurst).

In addition, Mr. Beard stated that five different connections addressing corridor gaps were identified that connect and feed into the preferred routes. He stated that the preferred routes and connections in the study area were categorized as higher density, moderate density, or low density based on roadway characteristics. The Study Group identified the likely bike and ped user types for each preferred route based on the density context.

Mr. Beard stated that there are five proposed facility types and improvements for the preferred routes and corridor connections based on roadway characteristics, urban-rural context, and user type, with sidewalks, shared use paths, intersection crossing treatments, and shared lane markings being possible improvements for urban and suburban density contexts, and widened shoulders for rural contexts.

In summary, Mr. Beard stated that there are four general recommendations in the final report, with the main recommendation suggesting that localities can consider incorporating the proposed preferred routes and

potential facilities into local planning documents, and that future bike/ped project prioritization may be based on the criteria identified.

Presentation: “Pedestrian Safety Action Plan (PSAP) Mapping Tool” by Ms. Shan Di, Crash Data and Analysis Manager, and Mr. Mark Cole, State Highway Safety Engineer, VDOT

Chairperson Tate introduced the PSAP presentation. Mr. Beard began by providing some background information. He stated that VDOT’s Pedestrian Safety Action Plan (PSAP) was published in 2018 to address increasing pedestrian fatality rates and to consider ways to improve pedestrian safety, with the goal of reducing pedestrian fatalities statewide. As a result of this plan, VDOT developed a companion PSAP map to display statewide priority corridors and pedestrian crash clusters from 2016-2020. Mr. Beard introduced Ms. Shan Di, VDOT’s Crash Data and Analysis Manager, and Mr. Mark Cole, State Highway Safety Engineer with the VDOT Traffic Engineering Division who led the development of the PSAP study in 2018. He stated that they are joining the TAC to provide an overview and demonstration of this new PSAP mapping tool.

Mr. Cole began with an overview of the PSAP. He stated that fatal crashes had gone down between 2006 to 2014, but have been steadily trending upward since then. Serious injuries have trended downward steadily over that same period, with the exception of 2021 which saw an increase over the prior year. Mr. Cole stated that approximately 33% of the increase in deaths since 2014 have been vulnerable road users: pedestrians, bicyclists, and motorcyclists. He noted that the number of pedestrian deaths jumped from 78 to 121 in 2016 and the number has stayed high since then.

Mr. Cole stated that VDOT has been working to understand more about crashes involving pedestrians. There are five contributing factors that were learned from the crash assessment: 1) 90% of pedestrian deaths occur while crossing the street, 2) land use matters, 3) speed can be deadly, 4) visibility is crucial, and 5) healthy communities have better pedestrian safety outcomes. Mr. Cole stated that using this data, the Virginia PSAP was developed which has three major components, VDOT policy recommendations to ensure pedestrian safety, safety analysis to determine which specific road locations pose the greatest risk for pedestrian and pedestrian safety countermeasure toolbox.

Ms. Di provided the link to the PSAP Map Viewer Version 3, at <https://bit.ly/VDOTPSAP>. The link will lead to the most current PSAP data. She stated that the data used in Version 3 is between the years of 2016 and 2020. The underlying GIS data may be downloaded into various formats and the map package may also be downloaded.

Ms. Di opened the map and demonstrated its various layers and capabilities. She showed the ability to drill down to the individual crash level. Statewide safety improvement funding is guided by this data. The attribute layer can be expanded at the bottom where data can be sorted or filtered. Ms. Di showed how other GIS data may be layered over the map through the Add Data feature, the basemap may be changed and data from previous versions may be compared with Version 3.

Mr. Cole added that the project locations in the 1% layer were funded in PSAP Version 1; additional funding will hopefully allow assistance for more locations. He stated that Version 3 shows the top 5% areas of focus statewide. (Presentation attached to file minutes.)

Chairperson Tate thanked Ms. Di and Mr. Cole on behalf of the TAC for this presentation.

Agency Updates

VDOT

Mr. Campbell gave the following update:

- The Staunton District Spring Meeting for the SYIP will be held on May 2, at 4pm at BRCC.
- The Draft FY23 SYIP became available for review on the VDOT public SYIP site yesterday.
- SMART SCALE Round 5 pre-application window closed at the end of March. There were 56 total pre-applications, of which 47 were unique; there were 11 pre-applications in the SAWMPO region, of which 8 are unique.
- HSIP is coming back again (has been on hold for the past 3-4 years); VDOT central office is offering technical assistance to localities for highway safety improvement program training; request by the end of April. The HSIP focuses on core safety improvements such as signal operations (i.e. high visibility backplates, flashing yellow arrows), pedestrian crossing, and road diets.

Mr. Komara gave the following update:

- All of the I-81 projects continue to move forward; updates are available on [Improve81.org](https://www.improve81.org).
- I-81 Exits 220-221 auxiliary lane is in the right-of-way phase and will move in the advertisement in early 2023.
- Staunton widening from exits 221-225 is a design/build with public hearing planned for May 24, from 4-7pm at the Staunton District Auditorium.
- A public hearing will be held in September for the climbing lanes project near Weyers Cave.
- Staunton Crossing is currently out for advertisement.
- Mill Place Parkway dual left turn lane is in the right-of-way phase; advertisement in the summer.
- Rt 262 widening between Rt 613 and Rt 252 will be advertised in early 2023.
- Exit 235 right turn lanes is being re-advertised in Fall 2022.
- WWRC third lane and roundabout advertisement in 2024.
- Waynesboro Connector – working on PAC plans, coordinating with the railroad.

DRPT

Ms. Stankus gave the following update:

- Ms. Stankus is new to the DRPT team and is taking over being the representative to the SAWMPO from Mr. Hudson.
- A virtual forum will be held tomorrow from 10-11am on the Transit Equity and Modernization Study to go over key findings and preliminary action plans in the six topic areas.
- FTA Discretionary Bus and Bus Facilities grants are open until May 31st and DRPT is available to assist and offer letters of support.

Transit

Ms. Thompson gave the following update:

- Since being awarded the FTA 5339 Bus and Bus Facilities grant for the rehabilitation of the Staunton Lewis Street Hub, CSPDC staff has moved forward with the environmental document for the NEPA process; once this is complete the federal application for the award can be submitted. Projected cost

estimate totaled approximately \$1.2 million, inclusive of design and construction, and FTA approved \$916,500 for the project.

- Transit Development Plan (TDP) continues to progress. Currently, proposed projects/recommendations are being developed. Some of the projects/recommendations being considered include: microtransit pilot program; recommendations to address time challenges on the 250 Connector; route adjustments; additional rural or specialized senior-oriented service; Saturday & Sunday service; additional hours of service; infrastructure projects; and ITS implementation.
- BRITE celebrated Transit Operator Appreciation Day on March 18 by providing drivers with donuts and coffee gift cards.
- The federal mask mandate was lifted; masks will still be made available for those who wish to wear them.

Ms. Melester gave the following update about commuter assistance:

- Ridership on the Afton Express continues to increase each month. March averaged 34 passenger trips per day and the first half of April increased to an average of 38 passenger trips per day.
- At the end of March, a new agreement with the University of Virginia was finalized that will allow UVA to sell Afton Express farecards to their employees directly at a discounted rate. UVA purchases the farecards from BRITE and will make them available for employees to purchase online through their Parking and Transportation Office. Coordination with transit staff at UVA is underway to communicate this new option in hopes that it will draw more interest from UVA employees that commute from the Stanton/Augusta/Waynesboro area.
- Bring a buddy campaign – April 25th through 29th: Current riders can receive a free trip if they bring a new rider to try the Afton Express.
- New times for the afternoon routes are in effect 4/18/22. Traffic on I-64 in the afternoon has increased since we first launched in September; new times reflect that change.
- Rideshare - April is ReDiscover Your Ride and a campaign is underway to welcome commuters back to public transit following the COVID-19 pandemic.
- May is Bike Month and the week of May 16th is Bike to Work week, and that Friday May 20th will be Bike to Work Day. There will be opportunities throughout the month to engage with commuters.

Locality Updates

Chairperson Tate asked if any localities had updates to share.

Mr. VanFossen stated that Augusta County held a pre-bid conference for a sidewalk project and there were no attendees. Bids will open on May 2nd.

Mr. Juday gave the following updates for Waynesboro:

- The Port Republic neighborhood plan is starting soon; not much in the way of transportation.
- Phase III of the Greenway project is a sidewalk project that should be done soon.

Mr. Johnston gave the following updates for Stanton:

- The Central Avenue Streetscape project is completed, and a ribbon-cutting ceremony was held on April 2nd.



-
- Beverly Street in downtown Stanton has begun closing on weekends to vehicular traffic to promote pedestrian traffic through the end of October.
 - Spring paving will begin this month.
 - Bessie Weller Safe Routes to School is in progress; there are some right-of-way issues that are providing some challenges at the moment.

Mr. Rhodes added that Stanton is working with Timmons Group to design bicycle infrastructure along Churchville Avenue.

Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on May 4th and the TAC on May 18th at the CSPDC.

Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 3:15 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Zach Beard".

Zach Beard
Senior Transportation Planner



112 MacTanly Place
Staunton, VA 24401

Phone (540) 885-5174
Fax (540) 885-2687

TO: SAWMPO Technical Advisory Committee
FROM: Zach Beard, Senior Planner
MEETING DATE: June 15, 2022
RE: **TAC Memo #22-05: SMART SCALE Round 5 Update**

EXECUTIVE SUMMARY

Localities and the SAWMPO submitted nine [Smart Scale Round 5](#) pre-applications. Eight of the pre-applications are likely advancing to the full application phase. The full application period opened on June 1 and closes on August 1, 2022.

Smart Scale requires MPO Resolutions of Support for projects within the MPO boundary that are not listed in the MPO’s Constrained Long-Range Plan (CLRP). Following precedent, the SAWMPO is providing Resolutions of Support for all applications in the MPO area, regardless of their CLRP status.

MPO and VDOT Planning staff provided an overview of the applications to the Policy Board, and the Board approved resolutions of support for each project at the June 1, 2022 Board meeting.

POTENTIAL ADVANCING APPLICATIONS

Smart Scale Round 5 Potential Full Applications

Project	Locality	Description	CLRP Status
WWRC Long-term Access Improvements*	Augusta County	Construct 3,700 feet of new alignment to connect US 250 to WWRC	Yes
I-64 and US 250 Exit 99 Intersection Improvement*	Augusta County	Install an unsignalized Continuous Green T (CGT) intersection	No
US 11 and Route 256 Raised Median	Augusta County	Construct a raised median, relocate stop bar, restrict left turn lanes	No
Route 256 and US 11 Single Lane Roundabout	Augusta County	Construct a single-lane roundabout US 11 and Route 256 intersection	No
Route 256 and I-81 Interchange Three Lane Bridge	Augusta County	Widen bridge deck to add left turn lanes on Route 256	No
Crozet Tunnel Trail	Waynesboro	Construct a ~1.3 mile shared use path parallel to US 250	No
Rosser Avenue, Broad Steet, Main Street Roundabout	Waynesboro	Construct a new roundabout at the intersection	No
I-64 and Exit 94 Off Ramp Improvements	Waynesboro	Construct second right turn lane on ramp approach to Rosser Avenue	No

*Submitted by SAWMPO

NEXT STEPS

VDOT Staunton District staff will be coordinating with localities on final application scope refinement and cost estimate information. Local resolutions of support are required for all final applications, and localities are responsible for providing supporting economic development site information for each project. SAWMPO staff will be requesting economic development information for applications being submitted by the MPO.





Technical Advisory Committee Meeting Agenda August 17, 2022, at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Stanton, VA 24401

OR

Via ZOOM Video Conference

1. Call to Order
 2. Public Comment
 3. Approval of the Minutes of the June 15, 2022 TAC Meeting*
 4. FY 2023 SAWMPO Study Options (TAC Memo #22-06)
 5. Presentation: Highway Safety Improvement Program (HSIP) Application Overview - Adam Campbell, VDOT Stanton District Planning
 6. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
 7. Other Business
 8. Upcoming Meetings
 - September 7, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - September 21, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
 9. Adjournment
- * Action Required



Technical Advisory Committee (TAC) Regular Meeting Minutes June 15, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (25):

Voting Members			Others		
	City of Staunton		VDOT	✓	John Blair, Staunton
✓	Rodney Rhodes	✓	Don Komara	✓	Elizabeth Goodloe, Augusta Cty
✓	Jeff Johnston		Adam Campbell (Alt)	✓*	Jim Williams, Staunton Police
	Tim Hartless (Alt)	✓	Josh Dunlap (Alt)	✓*	Daniel Linkins, CSEMS
	Lyle Hartt (Alt)		VA DRPT	✓*	Ryan Krunz, VDOT
	Augusta County	✓**	Grace Stankus	✓*	Stephen Read, VDOT
✓	Leslie Tate, Chairperson		Wood Hudson	✓*	Sammy Snider, VHB
	Doug Wolfe	Non-Voting Members		✓*	Eric Tang, VHB
✓	Jeff VanFossen (Alt)		VRT	✓*	Sam Styers, McCormick Taylor
	Caroline Vanterve (Alt)		Steve Wilson	✓*	Kyle Lawrence, SVBC
	City of Waynesboro		Phil Thompson (Alt)		Staff (CSPDC)
✓	Luke Juday		Federal Highway Admin.	✓	Ann Cundy
✓	Alisande Tombarge		Kevin Jones	✓	Zach Beard
	Brian McReynolds (Alt)		Federal Transit Admin.	✓	Devon Thompson
	Tony Smith (Alt)		Michele DeAngelis	✓	Kimberly Miller
			VA Dept. of Aviation	✓	Paula Melester
			Rusty Harrington	✓	Ansley Heller

*A virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**A voting member who participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; whose home is greater than 60 miles from the meeting location. Participation location is recorded in the file minutes.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Stanton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:02 p.m. by Ms. Leslie Tate, Chairperson.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the April TAC Meeting.

Mr. Komara moved, seconded by Mr. Johnson, to approve the minutes of April 20, 2022, as presented. Motion carried unanimously (8-0).

Smart Scale Round 5 Update (TAC Memo #22-05)

Chairperson Tate presented the Smart Scale Round 5 Update. Mr. Beard stated that there were nine pre-applications submitted in our region; eight of them will potentially go through the full application process which opened on June 1st and closes on August 1st. He stated that four of the project applications are a direct result of studies that the MPO has done. Mr. Beard went into more detail about three projects; 1) Augusta County I-64, Exit 99 “Green T” intersection, 2) Waynesboro Rosser and Main intersection Roundabout, and 3) Waynesboro’s I-64, Exit 94 off-ramp dual right turn lanes onto Rosser Avenue.

Mr. Adam Campbell of VDOT District Planning stated that he will reach out to localities to refine cost estimates and reminded participants that the deadline for final application submission is August 1st. Mr. Beard stated that economic development site information for each project and Resolutions of Support are part of the application process.

Presentation and Discussion: “SAWMPO Highway Safety Plan Meeting #2 – Data Collection and Analysis Review” by VHB Civil Engineering Consulting

Chairperson Tate introduced the presentation of the second Highway Safety Plan Meeting. Mr. Beard began by stating that this is the second meeting for the SAWMPO Regional Highway Safety Plan and that the MPO is working with VDOT and VHB to develop the plan. He asked for introductions of those in attendance.

Mr. Eric Tang, of VHB, began the presentation by discussing the outline of the meeting, which included progress to date and discussion of the USDOT Safe Streets and Roads for All funding opportunities.

In summary of the first meeting, Mr. Tang discussed the regional mapping that was completed showing the 2017-2021 crash data (serious injury and fatal crashes) in a variety of ways with the goal of helping the region/MPO understand the causes of crashes. He stated that crash data in the SAWMPO region was analyzed and mapped for the past five years, indicating that there were 35 fatalities and 456 serious injury crashes. From this data, high-injury networks were identified, meaning the roads that have the largest share of the crashes. He stated that the team also mapped the census block health opportunity index, meaning

areas with less availability of healthcare as evidenced by 12 different factors (details available at VDH website) and looked for areas where high injury networks converge with areas of low health opportunity.

Next, the team looked Emphasis Areas of the Virginia Strategic Highway Safety Plan (SHSP) and created maps and a cross tab analysis table to show the relations between emphasis areas. Mr. Tang stated that the table should be read vertically and shows the percentage of high injury crashes that were attributed to various causes.

Mr. Tang stated that the statewide Pedestrian Safety Action Plan (PSAP) identified critical corridors for targeted pedestrian safety improvements. This information was overlaid onto the regional crash map which indicated that most of the pedestrian crashes occur in the urban core localities.

Mr. Tang went over the FHWA Crash Tree Tool which allows for multi-level analysis of crash data, including looking for any combinations of factors that are common (road type, speed, time of day) in a particular crash type. He stated that this data may inform enforcement, infrastructure, and behaviors.

The next steps in the Plan development are to develop cross tab matrices for emphasis areas, and develop the crash trees. He stated that each jurisdiction will be supplied with the crash tree for their area's data and the study group will review the data that Eric's team will provide. Documentation for the final report will be developed providing a summary of potential types of activities that can be pursued to impact high injuries, including Statewide strategies that could be implemented in our region.

Mr. Tang requested feedback from the group; does the data make sense and match expectations based on localities' experience? The maps will be furnished to localities by the end of the month for review in July.

Mr. Tang discussed the USDOT Safe Streets and Roads for All, which provides \$1 billion in annual funding for road safety planning and implementation with a statewide cap to ensure more equal distribution of funds. The deadline for the first-year application period is September 15, 2022. He stated that the Highway Safety Plan that is currently under development for the SAWMPO addresses some of the requirements for funding. The recommendations that come from this plan will also assist localities in prioritizing projects and apply for HSIP and Smart Scale funding. Mr. Read added that the HSIP program is opening for applications from August 1st through the end of October. In response to a question, Mr. Read stated that the HSIP program does not require a match. Mr. Beard stated that the SAWMPO Highway Safety Plan will position the region to be competitive in seeking these funds, if not this year, but in future years. Mr. Tang stated that the timeline for when funding will be provided to awarded projects has yet to be determined.

Mr. Beard thanked Mr. Tang and Mr. Read for their work on this plan and for the information presented today.

Agency Updates

VDOT

Mr. Komara gave the following update:

- All of the I-81 projects continue to move forward; updates are available on [Improve81.org](https://www.improve81.org).

-
- I-81 Exits 220-221 auxiliary lane and Barterbrook Road bridge is in the right-of-way phase and will move to advertisement in early 2023.
 - Staunton widening from exits 221-225 is a design/build; a public hearing held last month was well-attended; will go to advertisement in early 2023.
 - A public hearing for the Weyers Cave climbing lanes project will be held on July 27th, from 4-7 pm, at BRCC.
 - Mill Place Parkway dual left turn lane is in progress.
 - Exit 235 right turn lanes is being re-advertised in Fall 2022.
 - Rt 262 widening between Rt 613 and Rt 252 – hope to go to construction by February 2023.
 - Preliminary meetings held on the WWRC third lane and roundabout.
 - Secondary six-year plan meeting (gravel roads) will be held on June 22nd at Augusta County.
 - Maintenance items ongoing.

DRPT

Ms. Stankus gave the following update:

- Progress on the Transit Equity and Modernization Study continues; the study team is in the final review stage of the draft action plan. More information is available at www.vatransitequity.com.
- The Smart Scale Round 5 application refinement period is underway through August 1st; if technical assistance is needed, please contact Taylor Jenkins (taylor.jenkins@drpt.virginia.gov) for Transit applications and Randy Selleck (randy.selleck@drpt.virginia.gov) for Rail applications.
- If anyone plans to apply for the Safe Streets and Roads for All funding opportunity, please reach out if technical assistance or a letter of support is needed from DRPT.

Transit

Ms. Thompson gave the following update:

- Intelligent Transportation Systems (ITS) Phase I has been initiated, which will consist of a mobile data collection system. The system is made up of tablets and software that will collect data such as passenger counts, mileage, and real-time bus location. Staff is receiving technical assistance from Kimley Horn for developing the Request for Information and Request for Proposals to advertise to potential system vendors; the RFI will be released this summer.
- Chapter 4 of the Transit Development Plan (TDP) is in review by the BRITE Transit Advisory Committee. This chapter outlines the recommended projects that will be implemented over the next few years. Projects include microtransit pilot program, additional routes, hours and route adjustments, and implementation of infrastructure and technology projects.
- The FTA 5339 Bus and Bus Facilities grant for the rehabilitation of the Staunton Lewis Street Hub has been determined the project meets the criteria of a Class 2 Categorical Exclusion for the NEPA process, so the federal application for the award can now be completed and submitted.

Ms. Melester gave the following update about commuter assistance:

- Afton Express passengers took an average of 36 trips per day in May, a slight drop from the previous month; she speculated that vacations increased in conjunction with the Memorial Day holiday.
- In the first half of June, the service averaged 47 passenger trips per day, which is a significant increase over the past couple months. So far in June there have been multiple days with 50+ passenger trips.

-
- The partnership with UVA's Parking and Transportation office continues to prove fruitful. UVA has sold a total of 72 Afton express farecards to their employees. The University contact noted that UVA employees who are state employees will be affected by the Governor's return to work in-person order, and will need to report to campus this summer. Staff is working with the UVA parking and transportation office to distribute information to employees about commuting options as they plan their return to campus.
 - The third demonstration grant funding is included in the draft Six-Year Improvement Plan which the CTB will consider at its June meeting. In anticipation, Staff has begun working with service contractor VRT to explore the expansion of Afton service, for which an additional bus may be needed.

Locality Updates

Chairperson Tate asked if any localities had updates to share.

Mr. Johnston gave the following updates for Staunton:

- Happy Birthday America is back in Staunton and will include various road closures.
- A UVA interdisciplinary post-doctorate research group is exploring the impact of closing Beverly Street in downtown Staunton and they are looking for volunteer test subjects.

Mr. Rhodes added for Staunton that Timmons Group is designing bike infrastructure along Churchville Avenue and a public open house meeting will be held soon; mostly this will involve restriping.

Mr. Juday gave the following updates for Waynesboro:

- The Sunset Spectacular will be held the week after Independence Day celebration.
- Funded Smart Scale projects for Main Street and Broad Street are progressing with VDOT.
- The Crozet Tunnel trail project (resubmission) and the Roundabout at Rosser and Main will be submitted for Smart Scale Round 5.
- Greenway Phase IIB will be paved next month; Phase III will have a public hearing next month.

Mr. VanFossen stated that Augusta County readvertised for the Verona sidewalk project; the pre-bid conference was attended by three contractors and bids are due on July 8th.

Chairperson Tate added the following regarding Augusta County's Smart Scale applications:

- CSPDC will submit applications for the WWRC long-range improvements and Exit 99 intersection improvements.
- Augusta County is expected to submit a final application for the Rt256 bridge deck expansion.
- The Board will consider the Crozet Tunnel trail resolution next week.
- Some modifications to the Exit 99 intersection project are being made by VDOT and will be considered by the Board next week.

Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on July 6th and the TAC on July 20th at the CSPDC.



Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 3:25 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Zach Beard".

Zach Beard
Senior Transportation Planner



112 MacTanly Place
Staunton, VA 24401

Phone (540) 885-5174
Fax (540) 885-2687

TO: SAWMPO Technical Advisory Committee
FROM: Zach Beard, Senior Planner
MEETING DATE: August 17, 2022
RE: **TAC Memo #22-06: FY 2023 SAWMPO Study Options**

BACKGROUND

The SAWMPO typically conducts one study each fiscal year, and annually rotates the study focus between each MPO locality. The City of Waynesboro is scheduled to select an FY23 study, and has expressed support for conducting an MPO study addressing the transportation section of the Afton Mountain Redevelopment Study. However, the Afton Mountain Study is dependent upon additional grant funding, and a start date is not yet firm.

Staff is requesting that the TAC consider two additional study options for FY23.

AFTON STUDY

Timmons Group worked with Augusta County to develop a draft Scope of Work for Augusta County to complete a redevelopment plan for an area near the I-64 Exit 99 interchange on Afton Mountain. The Scope of Work includes two transportation-related sections that would 1) evaluate the existing vehicular transportation network and recommend improvements along U.S. Route 250 and Howardsville Turnpike in relation to potential new development; and 2) improve bicycle and pedestrian connectivity between the site and nearby points of interest such as the Blue Ridge Tunnel.

OTHER POTENTIAL STUDIES

Potential for Safety Improvements (PSI) Study

There are PSI locations in the MPO that have not been analyzed. This Study would conduct an analysis of the unstudied PSI intersections and segments in Waynesboro and Staunton.

Regional Electric Vehicle (EV) Charging Infrastructure Study

The 2021 Bipartisan Infrastructure Bill (BIL) and the Inflation Reduction Act passed by the U.S. Senate on August 8, 2022 highlight the increasing support for EV vehicles and infrastructure. This study would characterize the existing public and private EV infrastructure network, regional EV needs, and identify specific sites that could expand the regional network.

The CSPDC-led study could include not only the SAWMPO area, but the entire five-county CSPDC region. CSPDC, SAWMPO, and HRMPO funding would contribute to the Study.

NEXT STEPS

Based on TAC input on the FY23 study options, MPO staff will present the information to the Policy Board at the September 7, 2022 Board meeting.



Technical Advisory Committee Meeting Agenda September 21, 2022, at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Zoom Video Conference

Web Link: <https://us06web.zoom.us/j/84998262834?pwd=Z0NVNWtUVkxwRTBVVEhEdTFWdFZFQT09>
Dial In (Audio Only): 1-301-715-8592 • Meeting ID: 849 9826 2834 • Passcode: 780396

1. Call to Order
2. Public Comment
3. Approval of Minutes of the August 17, 2022 SAWMPO TAC Meeting*
4. Election of TAC Officers (TAC Action Form #22-02)*
5. Presentation and Discussion: SAWMPO Highway Safety Plan Meeting #3 – Review of Draft Final Report; VHB Civil Engineering Consulting
6. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
7. Other Business
8. Upcoming Meetings
 - October 5, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - October 19, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office
9. Adjournment

*Action Required



Technical Advisory Committee (TAC) Regular Meeting Minutes August 17, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (15):

Voting Members				Others	
	City of Staunton		VDOT	✓	Elizabeth Goodloe, Augusta Cty
✓	Rodney Rhodes	✓	Don Komara	✓*	Sam Styers, McCormick Taylor
	Jeff Johnston	✓	Adam Campbell (Alt)		Staff (CSPDC)
	Tim Hartless (Alt)	✓	Josh Dunlap (Alt)		Ann Cundy
	Lyle Hartt (Alt)		VA DRPT	✓	Zach Beard
	Augusta County	✓	Grace Stankus	✓	Devon Thompson
	Doug Wolfe		Wood Hudson	✓	Kimberly Miller
✓	Elizabeth Goodloe	Non-Voting Members		✓*	Paula Melester
✓	Jeff VanFossen (Alt)		VRT		
	City of Waynesboro		Steve Wilson		
✓	Leslie Tate, Chairperson		Phil Thompson (Alt)		
	Alisande Tombarge		Federal Highway Admin.		
✓	Scott Kesecker (Alt)		Kevin Jones		
	Chad Rambo (Alt)		Federal Transit Admin.		
			Michele DeAngelis		
			VA Dept. of Aviation		
			Rusty Harrington		

*A virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**A voting member who participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; whose home is greater than 60 miles from the meeting location. Participation location is recorded in the file minutes.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Staunton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:02 p.m. by Ms. Leslie Tate, Chairperson.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the June TAC Meeting.

Mr. Komara moved, seconded by Mr. VanFossen, to approve the minutes of June 15, 2022, as presented. Motion carried unanimously (7-0).

FY2023 SAWMPO Study Options (TAC Memo #22-06)

Chairperson Tate presented FY23 SAWMPO Study Options. Mr. Beard stated that the current MPO study, the Highway Safety Improvement Plan will be completed in September which will create an opportunity for another small area study. He stated that the MPO typically conducts one study per year, rotating study areas among the localities. It is Waynesboro's turn to select a study, so MPO staff met with City staff in May to discuss some potential study areas. Waynesboro expressed interest in addressing the transportation section of a larger redevelopment study of Afton Mountain, in the vicinity of I-64, Exit 99. Mr. Beard stated that the study is dependent on grant funding and funding is not yet firm, but the MPO is committed to moving forward with the Afton Mountain study and allocating MPO study funding when the timing is right.

Mr. Beard went into more detail about the Afton Mountain Redevelopment study, which has regional significance for all three localities. The land is privately owned and includes a hotel, gas station, and other buildings. The City of Waynesboro leases space for a tourism site. The land is adjacent to outdoor recreational points of interest such as the Blue Ridge Parkway, Crozet Tunnel, Skyline Drive, etc. Augusta County worked with Timmons Group to develop a scope of work master plan to be used in seeking funding from an EDA grant. The study area is outlined in the presentation and Mr. Beard stated that there are 15 different tasks to complete for the redevelopment study. Two of these tasks are transportation-related, looking at current/potential for vehicular traffic and possible bike/ped connectivity, especially to the adjacent points of interest. Unfortunately, the EDA grant was not awarded. Other grant opportunities are being pursued to complete individual task items. Since the timing of this master plan is unknown, staff recommends pausing on this study until more is known about the timeline.

In the meantime, Mr. Beard stated that there are two additional study options available for consideration to pursue now. The first is a PSI intersection study which would conduct analysis of a number of remaining unstudied PSI intersections in the region; VDOT provided a listing of 22 PSI intersections within the region. Mr. Campbell stated that 2-3 would be a good number to study. Mr. Beard went over the list of PSI intersections in the region and their rank, nine in Staunton, seven in the County and six in Waynesboro; for 22 total, the highest ranking of which is Woodrow Wilson Parkway and US11.

Mr. Campbell added that the STARS program is returning this fall and that candidate locations have been identified. The area containing the #12 ranked PSI intersection at Rt262/Rt11, and the PSI segment ranked #18 that goes all the way up Rt11 to the City/County line, may be a good choice for a STARS study. In response to a question, Mr. Campbell stated that pedestrian crashes are included in the PSI number.

The second study option, inspired by recent federal bills, is to study the region's EV infrastructure network modeled after a similar study conducted by an MPO in Massachusetts. The study would look at the current network and recommend future site development based on various needs and goals, such as proximity to business, schools, etc. The CSPDC is considering the possibility of conducting a region-wide study of which the SAWMPO and HRMPO would be a part. Staff will reach out and gauge interest.

In summary, Mr. Beard requested feedback from the localities as to whether the PSI intersection or the EV infrastructure study would be best to begin first. Staff recommends the PSI intersection study and TAC members agreed. Input will be provided to the Policy Board at their next meeting.

Presentation: "Highway Safety Improvement Program (HSIP) Application Overview" by Mr. Adam Campbell, VDOT Staunton District Planner

Chairperson Tate introduced the presentation on HSIP. Mr. Campbell stated he will provide an update of the HSIP since it has been a few years since this program was open to localities that maintain their own roadway systems. To prepare for this new round, VDOT Central Office revamped the VHSIP website (at https://www.virginiadot.org/business/ted_app_pro.asp); he showed the webpage and some important links and information it contains. Mr. Campbell stated that the deadline for submission is November 1, 2022, awards are expected to be funded in year 1, and there is no match requirement (90% federal; 10% state funded).

Mr. Campbell stated that the goal of HSIP is to reduce fatal and serious injury crashes. In 2019, VDOT changed the safety action plan to focus on systemic improvements which are 9 times more effective in reducing fatalities and serious injuries than spot treatments. Localities that maintain their own roadways are now able to apply for their own "local systemic" projects. There are six pre-approved local systemic initiatives; they are high visibility backplates, flashing yellow arrow, curve signs, pedestrian crossings improvements, road diets, and improvements to unsignalized intersections. Mr. Campbell showed the application and how if a pre-approved systemic improvement is selected, some of the application data is pre-populated. He went over the scoring criteria and implementation criteria. In response to a question, Mr. Campbell stated that multiple treatments may be added for one project.

Agency Updates

VDOT

Mr. Campbell gave an update on SMART SCALE applications, noting that the Round 5 submission deadline was August 1st. There were 413 applications submitted statewide. There were 42 final application submissions in the Staunton District, six in the SAWMPO region, for a total request of \$336 million. He stated that project costs are higher in this round, but funding amounts remain similar to last round, which will result in less projects being funded.

Mr. Komara gave the following update:

- A public hearing for the Weyers Cave climbing lanes project was held in July and was well-attended; advertisement expected in 2024.
- Staunton Crossing bids were received; Caton Construction Group was the low bidder.
- A number of projects are being prepared for advertisement.
- Maintenance items ongoing.
- There are two new Rural At-Large CTB members appointed by the Secretary of Transportation, Randy Laird from Staunton and Ty Lawson from Winchester.
- VDOT will be hosting the September Commonwealth Transportation Board (CTB) meeting at the Hotel 24 South in Staunton on September 20-21, 2022.

DRPT

Ms. Stankus gave the following update:

- There is a new DRPT funding opportunity called Transit Ridership Incentive Program (TRIP) to provide regional connectivity funding; the application window will open September 1st and close October 3rd. More information is available at <https://www.drpt.virginia.gov/ongoing-grant-programs/trip/>.
- Four federal discretionary grant programs that are relevant to rail or transit are open and have upcoming deadlines:
 - *Safe Streets and Roads for All* to improve safety (i.e. development or update of a safety action plan); applications are due September 15th; see <https://www.transportation.gov/grants/SS4A>,
 - *All Stations Accessibility* to fund upgrades for legacy passenger rail stations to provide accessibility; applications are due September 30th; see <https://www.transit.dot.gov/ASAP>,
 - *Railroad Crossing Elimination* to provide crossing improvement projects that improve crossing and mobility; applications are due October 4th; see <https://railroads.dot.gov/grants-loans/competitive-discretionary-grant-programs/railroad-crossing-elimination-grant-program>,
 - *Reconnecting Communities Pilot* to reconnect communities by removing, retrofitting or mitigating highways or other facilities that create barriers to community connectivity; applications are due October 13th; see <https://www.transportation.gov/grants/reconnecting-communities>.

Transit

Ms. Thompson gave the following update:

- Senator Warner visited the region last month; she thanked those who attended the event at the BRITE Transit facility; the Senator's comments and funding were very much appreciated.
- The Transit Development Plan (TDP) is nearing completion; the proposed projects have been prioritized and include the microtransit pilot project, additional routes, hours and route adjustments. KFH Group is in the process of assigning years to the project – short-, mid-, and long-term. The draft Plan is expected to be completed by the end of the month.
- CSPDC staff continues to receive technical assistance from consultant Kimley-Horn to develop a Request for Information and Proposal (RFI and RFP) for a mobile data collection system for BRITE. This system is made up of tablets and software for collecting data such as passenger counts, mileage, and real-time bus location. The RFI was released last week with submissions due at the end of the month. Vendor demos will be scheduled for mid-to-late September.

-
- Staff is working with DRPT to prepare the RFP for design, engineering and construction, and construction management of the Stanton Lewis Street Hub Rehabilitation project.

Ms. Melester gave the following update about commuter assistance:

- Afton Express continues to see consistent and increased ridership. June and July averaged 45 daily passenger trips per day. So far, August shows ridership increasing, with an average of 53 trips per day in the first week, and a new single day record of 61 passenger trips.
- A third bus is being acquired and will be implemented into the schedule to accommodate additional 12-hour shift workers at UVA.
- September is Discover Transit Month and Afton Express' first anniversary of service. Events and outreach are planned throughout the month to increase awareness of transit.

Locality Updates

Chairperson Tate asked if any localities had updates to share.

Mr. VanFossen stated that Augusta County readvertised for the Verona sidewalk project, but no bids were received. He said that they are working on combining the Rt11 portion that had initially been envisioned and will readvertise as a larger project.

Ms. Tate stated that a public hearing was held regarding the Waynesboro Greenway Phase III project which was reworked to be a sidewalk project along Fourteenth Street and will be moving forward.

Other Business

Mr. Beard stated that Officer Elections are to be held every three years in accordance with the MPO Bylaws and that the elections will be held at the September TAC meeting.

On the topic of the SAWMPO Highway Safety Plan, Mr. Beard stated that VHB has submitted a draft memo that outlines the existing conditions, and he will forward it to the TAC for comment.

Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on September 7th and the TAC on September 21st at the CSPDC.

Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 3:03 p.m.

Respectfully submitted,



Zach Beard
Senior Transportation Planner



**Staunton Augusta
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Metropolitan Planning
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Staunton, VA 24401

Phone (540) 885-5174
Fax (540) 885-2687

TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: September 21, 2022
RE: **TAC Action Form #22-02: Election of TAC Officers**

RECOMMENDATION

Recommend election of the Chair and Vice Chair for the SAWMPO TAC.

EXECUTIVE SUMMARY

The SAWMPO TAC operates under the provisions in the SAWMPO Policy Board Bylaws. TAC officers, the Chair and Vice Chair, serve for three years, or until their successors are elected. The Chair and Vice Chair must be local government representatives, and cannot be from the same locality. Members elected to office assume their duties on October 1st, 2022.

ATTACHMENTS

[SAWMPO Bylaws](#)

Technical Advisory Committee Meeting Agenda November 16, 2022, at 2:00 P.M.

Central Shenandoah Planning District Commission
112 MacTanly Place, Staunton, VA 24401

OR

Zoom Video Conference

Web Link: <https://us06web.zoom.us/j/84998262834?pwd=Z0NVNWtUVkxwRTBVVEdTFWdFZFQT09>
Dial In (Audio Only): 1-301-715-8592 • Meeting ID: 849 9826 2834 • Passcode: 780396

1. Call to Order
2. Public Comment
3. Approval of Minutes of the September 21, 2022 SAWMPO TAC Meeting*
4. Election of TAC Officers (TAC Action Form #22-03)*
5. SAWMPO Bylaws Amendment Regarding Officer Elections and Terms (TAC Memo #22-07)
6. Unified Planning Work Program (UPWP) Administrative Modification (TAC Memo #22-08)
7. FY21-24 Transportation Improvement Program (TIP) Amendment (TAC Memo #22-09)
8. SAWMPO 2023 Safety Performance Targets (TAC Memo #22-10)
9. Agency Updates
 - a. VDOT
 - b. DRPT
 - c. BRITE
 - d. Localities
10. Other Business
11. Upcoming Meetings
 - December 7, 2022 – SAWMPO Policy Board, 10:00 a.m., CSPDC office
 - December 21, 2022 – SAWMPO TAC, 2:00 p.m., CSPDC office

12. Adjournment

*Action Required

Technical Advisory Committee (TAC) Regular Meeting Minutes September 21, 2022, 2:00 p.m.

Central Shenandoah Planning District Commission*
112 MacTanly Place, Staunton, VA 24401

Present (20):

Voting Members			Others		
	City of Staunton		VDOT	✓*	Eric Tang, VHB
	Rodney Rhodes	✓	Don Komara	✓*	Sammy Snider, VHB
	Jeff Johnston	✓	Adam Campbell (Alt)	✓*	Stephen Read, VDOT
✓	Tim Hartless (Alt)	✓	Josh Dunlap (Alt)	✓*	Ryan Krunz, VDOT
	Lyle Hartt (Alt)		VA DRPT	✓	Shane McCabe, VDOT
	Augusta County	✓*	Grace Stankus	✓*	Sam Styers, McCormick Taylor
	Doug Wolfe		Wood Hudson		Staff (CSPDC)
✓	Elizabeth Goodloe	Non-Voting Members		✓*	Ann Cundy
✓	Jeff VanFossen (Alt)		VRT	✓	Zach Beard
	City of Waynesboro		Steve Wilson	✓	Devon Thompson
✓	Leslie Tate, Chairperson		Phil Thompson (Alt)		Paula Melester
✓	Alisande Tombarge		Federal Highway Admin.	✓	Kimberly Miller
	Scott Kesecker (Alt)		Kevin Jones		
✓*	Chad Rambo (Alt)		Federal Transit Admin.		
			Michele DeAngelis		
			VA Dept. of Aviation		
			Rusty Harrington		

*A virtual attendance option by Zoom was offered to non-voting members and other attendees. Those who attended virtually are indicated by an asterisk; all others attended in-person.

**A voting member who participated by Zoom per the SAWMPO Resolution outlining electronic participation for voting members; whose home is greater than 60 miles from the meeting location. Participation location is recorded in the file minutes.

Call to Order

The meeting of the Technical Advisory Committee (TAC) of the Staunton-Augusta-Waynesboro Metropolitan Planning Organization (SAWMPO) was called to order at 2:00 p.m. by Ms. Leslie Tate, Chairperson.

Public Comment

Chairperson Tate opened the floor for public comment. There were no public comments.

Approval of Minutes

Chairperson Tate presented minutes from the August TAC Meeting.

Mr. VanFossen moved, seconded by Mr. Komara, to approve the minutes of August 17, 2022, as presented. Motion carried unanimously (7-0).

Election of TAC Officers (TAC Action Form #22-02)

Chairperson Tate presented the election of officers. She stated that since the Staunton representatives who are eligible to be considered for officer positions were not able to attend today's meeting, the election will be postponed to the next available meeting. Mr. Beard stated that the Chair and Vice Chair must be representatives of the local governments and they may not both be from the same locality.

Presentation: SAWMPO Highway Safety Plan Meeting #3, by Mr. Eric Tang, VHB Civil Engineering Consulting

Chairperson Tate introduced the presentation on the Highway Safety Plan. Mr. Beard stated that the Safety Plan aggregates and analyzes safety data for our region to help inform future studies and policies. This is the third and final meeting. A draft plan was distributed to the TAC by VHB and TAC members have until October 7th to review and submit any comments on the Plan.

Mr. Eric Tang introduced his colleagues, Mr. Ryan Krunz with VDOT, and Mr. Stephen Read with VDOT, and Mr. Sammy Snider with VHB. He stated that the draft plan is available for review and comment, and he summarized the report. He noted that this is a key step to developing a regional safety approach and prioritizing projects for the future. Mr. Tang showed the study area and the number of fatalities and serious injuries (indicated as KA; number equals 558) and minor injuries (indicated as B; number equals 1,285) from 2017-2021. He compared the SAWMPO crash data with other MPOs throughout Virginia. Statewide, the SAWMPO is third best in total number of crashes and second best in fatal crashes.

Mr. Tang explained the Cross Tab Analysis charts which shows percentage of crashes by emphasis area and highlights primary and secondary causes of crashes. He showed another way the data was analyzed using Venn Diagrams which organizes the data in top 1-3 contributors of crashes. He stated that these analyses provide overlaps between emphasis areas and show opportunities where combined resources may be used.

Mr. Tang showed maps overlaying the High Injury Network with Health Opportunity Index, pedestrian considerations (using PSAP) and underserved census tracts to show if there are any significant overlaps that become visible.

Mr. Tang discussed several sources of countermeasures that have proven results and implementation considerations such as organizational, behavioral and infrastructure factors.

Mr. Tang explained the SS4A requirements for a safety plan in order to apply for supplemental planning or implementation funds. He stated that of the SS4A requirements, the current safety study addresses Data Analysis to Inform Magnitude of Safety Concerns (#3) and Equity Analysis and Consideration (#5). Additionally, Comprehensive Set of Projects and Strategies (#7) and Development of Plan within the Last Five Years (#9) are required, as well as three additional from the list provided in the slides.

TAC members are asked to review the draft plan and provide comments by October 7th and review the crash data tool. He stated that the report will be finalized and distributed for use in evaluation of potential projects.

Ms. Tate thanked Mr. Tang for the presentation. Presentation attached to file minutes.

Agency Updates

VDOT

Mr. Campbell introduced Mr. Shane McCabe, who is an Assistant District Planner with VDOT since February; this is his first in-person SAWMPO. He provided an update on the following:

- SMART SCALE district validation process, stating that project features, description, location, etc., have been validated and that the next step will be to make any adjustments to cost estimates and economic development, then they will be completed. Mr. Campbell noted that the SAWMPO submitted an application for the intersection at Exit 99 at the top of Afton Mountain. There was a last-minute scope change to that project. Originally the project was submitted as an unsignalized continuous “Green T” intersection; after reevaluation of the signal justification report, it has been changed to a signalized continuous “Green T” intersection.
- The Virginia Highway Safety Improvement Program (HSIP) local systemic application window closes November 1st. Staunton and Waynesboro are working on applications.

Mr. Komara gave the following update:

- VDOT hosted the September Commonwealth Transportation Board (CTB) meeting in Staunton on September 20-21. The meeting went well and left a favorable impression with the CTB members. The CTB discussed at length the VHSIP program and the possible correlation between the severe injury crashes and distracted driving. They also discussed electric vehicles and charging stations, and rails to trails projects.
- [Improve81.org](https://www.improve81.org) website contains updates on the I-81 projects.
- I-81 Staunton-area widening from Exit 221 to Exit 225 – Seven companies are interested in bidding for design-build. A decision is expected by the end of the year/beginning of 2023 and activity should be visible by the end of 2023.
- Barterbrook Bridge replacement project is expected to be advertised in spring 2023.
- The Staunton Crossing project was awarded to Caton Construction Group and they will begin the project soon.
- The maintenance schedule is ongoing; wrapping up asphalt schedules, mowing is ongoing, advertising and hiring snow removal contractors.

DRPT

Ms. Stankus stated that DRPT is in the process of updating the Virginia Statewide Rail Plan for 2022. She announced that DRPT will be hosting a virtual public meeting on the Plan on September 27th, from 6:00 to 7:00 p.m. to receive public comment before it goes to the CTB for review later this year. More information and registration for the virtual public meeting may be found at <https://drpt.virginia.gov/work-were-doing/virginia-statewide-rail-plan/>.

Transit

Ms. Thompson gave the following update:

- September is Discover Transit Month and to celebrate BRITE and Afton Express are offering free rides today.
- The Transit Development Plan (TDP) is nearing completion; the BTAC has prioritized proposed projects that include the microtransit pilot project, additional routes, hours and route adjustments. KFH Group is in the process of assigning years to the 10-year plan for each project – short-, mid-, and long-term. The draft Plan is expected to be available by the end of the month.
- CSPDC staff continues to receive technical assistance from consultant Kimley-Horn to implement a Request for Information and Proposal (RFI and RFP) for a mobile data collection system for BRITE. This system is made up of tablets and software for collecting data such as passenger counts, mileage, and real-time bus location. The RFI was released in August and submissions were received at the end of the month. Vendor demos are occurring this month which will inform the RFP.
- Staff has worked with DRPT to develop and complete the RFP for design, engineering and construction, and construction management of the Staunton Lewis Street Hub Rehabilitation project. The RFP was released this week.
- Afton Express continues to see increased ridership. Average daily passenger trips are between 45-55, with a new single day record of 63 passenger trips.
- September is Afton Express' first anniversary of service. Events and outreach are planned throughout the month to thank current riders and increase awareness of the route.

Locality Updates

Chairperson Tate asked if any localities had updates to share.

Mr. VanFossen stated that Augusta County readvertised for the Verona sidewalk project, but no bids were received. He said that they are working on combining the Rt11 portion that had initially been envisioned and will readvertise as a larger project.

Ms. Tate stated that Waynesboro is continuing progress on the Greenway Phase III project (sidewalk project along 14th Street); a public outreach meeting was held, design plans are being finalized, then will be put out to bid; this project is funded with open container funds. She stated that Waynesboro is in the process of signing agreements with VDOT for East Main Streetscape using SMART SCALE funds.

Other Business

There was no other business.



Upcoming Meetings

Chairperson Tate stated that the Policy Board is scheduled to meet on October 5th and the TAC on October 19th at the CSPDC.

Meeting Adjourned

Chairperson Tate asked if there was any additional business to come before the TAC. There being none, the meeting was adjourned at 3:00 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Zach Beard".

Zach Beard
Senior Transportation Planner



**Staunton Augusta
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Staunton, VA 24401

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TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: November 16, 2022
RE: **TAC Action Form #22-03: Election of TAC Officers**

RECOMMENDATION

Recommend election of the Chair and Vice Chair for the SAWMPO TAC.

EXECUTIVE SUMMARY

The TAC operates under the provisions in the SAWMPO Policy Board Bylaws. The Chair and Vice Chair must be a local government representative and cannot be from the same locality. According to the Bylaws, officers should be elected in September, seated in October, and serve three-year terms. The TAC delayed the officer elections in September in order for all potential candidates to be present.

The TAC last elected officers in August 2019.

ATTACHMENTS

[SAWMPO Bylaws](#)



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TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: November 16, 2022
RE: **TAC Memo #22-07: SAWMPO Bylaws Amendment Regarding Officer Elections and Terms**

EXECUTIVE SUMMARY

At the September 2022 Policy Board meeting, Board members discussed amending the SAWMPO Bylaws to align the MPO election cycle with local election cycles. The Policy Board would like to hold MPO officer elections after local government elections in November and subsequent board appointments, which are made in the first month of the calendar year. Additionally, the Board proposed amending the MPO officer terms of office from three years to two years of service.

The TAC operates under the same election cycle and term provisions outlined in the Bylaws as the Policy Board.

PROPOSED AMENDMENT

The current Bylaws state that the election of officers shall be held every three years prior to September 30, and members shall assume their duties on October 1. The proposed amendment marked in blue under section “Article V – Officers” on page 4 requires MPO officers serve two year-terms, the MPO elections be held prior to June 30, and have members assume duties on July 1 of each election year. The next scheduled election would be prior to June 30, 2024.

NEXT STEPS

Per Article XI of the Bylaws, members shall have at least 25 days to review the proposed amendments. The Policy Board can approve the amendments after the review period at the next scheduled Board meeting.

ATTACHMENTS

[Draft SAWMPO Bylaws Election Cycle Amendment](#) (see page 4)



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TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: November 16, 2022
RE: **TAC Memo #22-08: FY2023 Unified Planning Work Program (UPWP) Administrative Modification**

EXECUTIVE SUMMARY

Staff administratively modified the FY 2023 UPWP to reflect the final FY22 carryover balance of FTA 5303 funds.

UPWP AMINISTRATIVE MODIFICATION

The FY23 UPWP administrative modification reflects the final FY 2022 FTA 5303 carryover amount after the close-out of the fiscal year. The final carryover amount of \$48,617 replaces the carryover estimate of \$50,000, which resulted in an overall transit budget decrease of \$1,384.

As a result, funding under 2.02 Short Range Transportation Planning Transit funding was reduced from \$26,924 to \$25,541 to reflect the funding difference of \$1,384.

The updated carryover amount is included in the Transit Planning Work Element in the attached Plan.

NEXT STEPS

The TAC does not need to take action. Staff submitted the modified TIP to DRPT on October 31, 2022, and posted the updated document on the MPO website TIP page.

ATTACHMENTS

[FY23 UPWP Administrative Modification Document](#)



TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: November 16, 2022
RE: **TAC Memo #22-09: FY21-24 Transportation Improvement Program (TIP) Amendment**

EXECUTIVE SUMMARY

Staff provided an overview of a TIP Amendment for ungrouping projects at the November 2, 2022 Policy Board meeting, and the Board approved releasing the document for a 21-day public comment period.

EXECUTIVE SUMMARY

VDOT and SAWMPO staff are coordinating on development of the FY24-27 Statewide Transportation Improvement Program (STIP) and FY24-27 SAWMPO Transportation Improvement Program (TIP). The STIP is Virginia's federally required four-year programming document that identifies transportation projects funded with federal transportation dollars, or requiring approval from either the Federal Highway Administration (FHWA) or Federal Transit Administration (FTA).

The STIP must include all projects in an urbanized area that are included in the MPO's TIP, and federally funded projects in the non-metropolitan areas of Virginia. VDOT and MPO staff identified several projects in the current TIP under "Construction: Safety/ITS/Operational Improvements" that should be ungrouped and included as individual projects based on their scale and regional significance. The following projects are recommended for ungrouping:

- UPC 111048 - Staunton Crossing
- UPC 116269 - I-81 Widening, MM 221-225
- UPC 116277 - I-81 Truck Climbing Lane at Weyers Cave Northbound
- UPC 116278 - I-81 Truck Climbing Lane at Weyers Cave Southbound

NEXT STEPS

Staff will release the TIP amendment for public comment by November 15, 2022. The Policy Board will vote on the amendment at the December 7, 2022 Policy Board meeting.

ATTACHMENT

[TIP Ungrouped Projects](#)



TO: Staunton-Augusta-Waynesboro MPO TAC
FROM: Zach Beard, Senior Planner
MEETING DATE: November 16, 2022
RE: **TAC Memo #22-10: SAWMPO 2023 Safety Performance Targets**

EXECUTIVE SUMMARY

In 2016, the Federal Highway Administration (FHWA) established National Performance Measures for Safety Performance for the Highway Safety Improvement Program (HSIP) to assess fatalities and serious injuries on public roads. The FHWA requires that state DOTs and MPOs set statewide annual safety percentage targets for reducing the number and rate of fatalities and serious injuries.

The SAWMPO must concur with VDOT's safety targets or set MPO-specific targets by February 28, 2023. There is no penalty for not meeting the targets.

STATEWIDE TARGETS

Approved Targets

In June 2022, the Commonwealth Transportation Board (CTB) approved OIPI's proposed methodology and statewide targets for calendar year 2023. OIPI's methodology establishes targets from statistical models that project future safety performance based on data variables and expected crash reductions from completed projects. Data variables include five-year trends of the annual number of fatalities, serious injuries, and non-motorized fatalities and serious injuries.

In 2023, OIPI projects 1,012 fatalities, 7,465 serious injuries, and 662 non-motorized fatalities and serious injuries statewide. The numbers reflect the following 2023 safety target percentages:

- Fatalities: Increase of 3.69%
- Serious Injuries: Decrease of 0.52%
- Non-Motorized Fatalities and Serious Injuries: Decrease of 0.86%
- Vehicle Miles Traveled: Increase of 0.77%

Aspirational Goals

While the CTB approved OIPI's 2023 statewide targets, the Board found the anticipated safety outcomes unacceptable. As a result, the CTB established "Aspirational Safety Performance Goals" to be consistent with the State's 2022 – 2026 Strategic Highway Safety Plan, which establishes a goal to reduce fatalities and serious injuries by two percent annually. **Table 1** summarizes both the approved safety targets, and the aspirational goals.

Table 1: 2023 Approved Safety Targets and Aspirational Goals

Safety Measure	Approved Statewide Safety Targets	Aspirational Safety Performance Goals
Number of Fatalities	1,012	930
Rate of Fatalities per 100 million VMT	1,216	1,117
Number of Serious Injuries	7,465	7,104
Rate of Serious Injuries per 100 million VMT	8,971	8,537
Number of Non-Motorized Fatalities and Serious Injuries	662	658

SAWMPO TARGETS AND ACTUAL NUMBERS

The SAWMPO began setting safety targets in 2018, and until 2020, the MPO’s actual number of fatalities, serious injuries, and non-motorized fatalities and serious injuries have been below the set targets. However, both motorized and non-motorized fatalities have been increasing in the region since 2021. The MPO recorded eight fatalities in 2021, which matched the 2021 target. Data from January 1 – August 31, 2022 indicates that the MPO has already exceeded the 2022 fatality target (see **Table 2**).

Additionally, three non-motorized fatalities have occurred in first the eight months of 2022, which is the most non-motorized fatalities in the MPO since 2012. This data reflects a statewide trend of increasing non-motorized fatalities. The Virginia DMV reported a statewide record-high number of pedestrian fatalities in 2021, and initial 2022 statewide data indicates the record will be surpassed in 2022.

Despite the increasing number of fatalities, severe injuries and the overall non-motorized fatality and serious injury numbers continue to be below safety targets.

Table 2: Safety Targets and Actual Numbers, 2019 – 2023

	2019 Target	2019 Actual	2020 Target	2020 Actual	2021 Target	2021 Actual	2022 Target	2022 Actual*	2023 Target
Fatalities	9	5	10	4	8	8	7	8	8
Rate of Fatalities per 100 million VMT	.90	.49	.93	.45	.77	.71	.74	NA	.75
Serious Injuries	120	90	119	87	117	80	109	52	108
Rate Serious Injury Per 100 Million VMT	11.8	8.7	11.5	9.7	11.11	9.1	10.7	NA	10.1
Non-motorized Fatalities and Serious Injuries	10	6 (1 fatal)	10	8 (0 fatal)	10	7 (2 fatal)	9	5 (3 fatal)	9

*Data from January 1 – August 31, 2022

NEXT STEPS

Staff will provide a summary of the statewide and MPO safety targets to the Policy Board at the December Board meeting. SAWMPO staff will review this data and decide to either concur with VDOT's safety state-wide targets or set MPO-specific targets by February 28, 2023.

ATTACHMENT

[CTB Safety Performance Targets Resolution, June 2022](#)

