



**Winchester-Frederick County MPO
Policy Board Meeting Agenda
Frederick County Administrative Offices - First Floor Conference Room
107 N. Kent Street, Winchester, VA
September 19, 2018 - 10:00 a.m.**

1. ADMINISTRATIVE ITEMS

- A. Adoption of Agenda
- B. Election of FY19 Chair and Vice-Chair
- C. Welcome and Introductions
- D. Review and approval of the Draft Minutes of the June 20, 2018 Policy Board Meeting **(Attached)**
- E. Financial Report
- F. Draft September 4, 2018 Technical Advisory Committee Meeting Minutes – No action; for information only

2. Public Comment Period

3. Update on the North Winchester Area Plan – John Madera, NSVRC & Terry Short, VDOT

Action: None requested, for information only.

4. I-81 Study MPO Comments and Letter to CTB – Brandon Davis, NSVRC

Action: Authorization for staff to submit comments/letter and authorization for the MPO Chair to sign.

5. Commonwealth Transportation Board (CTB) Report – Mr. Dixon Whitworth, Jr. CTB Staunton District, Vice Chairman

6. TIP Amendment and Resolution Adopting Performance Based Planning & Programming Safety Performance Measures (Attachment) – Terry Short, VDOT

Action: Motion to amend the WinFred MPO TIP and authorization for the Chair to sign the resolution.

7. Review of the redesigned WinFred MPO website www.winfredmpo.org – Karen Taylor, NSVRC

8. Upcoming Meeting Schedule (all meetings held at Frederick County Administrative Offices)

- Project Steering Committee: TBD
- Technical Advisory Committee: October 2, 2018 @ 10 a.m.
- Policy Meeting: October 17, 2018 @ 10 a.m.

9. VDOT/DRPT/Staff Updates

10. Other Business

11. Adjournment

Glossary of Acronyms on Next Page

Glossary of Acronyms

CAC- Citizen Advisory Committee- Serves as an advisory committee to the MPO Policy Board to solicit public input and provide citizen perspective on MPO projects. Conduct public hearings and public input sessions on selected projects at the direction of the Policy Board.

CLRP – Constrained Long Range Plan – A fiscally-constrained list of projects drawn from the Vision Plan element of the LRTP. All CLRP projects must have an estimated cost and a revenue source identified.

FHWA - Federal Highway Administration - Within the US Department of Transportation, FHWA is responsible for highway issues, including federal laws and regulations related to metropolitan transportation planning.

FTA - Federal Transit Administration- With in the US Department of Transportation, FTA is responsible for public transit issues, including federal laws and regulations related to metropolitan transportation planning.

FTA Section 5303 Funds - This program supports transit planning expenses to support cooperative, continuous, and comprehensive planning for making transportation investment decisions in metropolitan planning areas.

FTA Section 5310 - Transportation for Elderly Persons and Persons with Disabilities - The goal of the Section 5310 Program is to provide assistance in meeting the special transportation needs of elderly persons and persons with disabilities. The program is designed to supplement other FTA or assistance programs by funding transportation projects for elderly person and persons with disabilities in all areas – urbanized, small urban, and rural.

LRTP- Long Range Transportation Plan- Developed and approved by the MPO, the LRTP is a regional plan that includes all transportation projects and programs that the MPO realistically anticipates can be implemented over the next 25 years. LRTP’s may include a VISION PLAN, which is a list of all projects (a “wish list”), but must also include a CLRP. In order to receive federal funding, transportation projects must be included in the LRTP and the TIP.

MPO - Metropolitan Planning Organization - Federal transportation laws and regulations require the establishment of an MPO in every urbanized area of the U.S. with a population over 50,000. MPOs are responsible for meeting the federal metropolitan planning regulations for transportation.

STP Funds - STP funds are Federal Funds disbursed through State DOT’s for Surface Transportation projects.

TAC- Technical Advisory Committee- Serves in an advisory capacity to the Policy Board of the MPO. The TAC works with MPO staff to formulate the UPWP, the LRTP, and provides technical review and assistance on numerous MPO projects undertaken as called out in the UPWP.

TIP - Transportation Improvement Program - Approved by the MPO Policy Board, it is a list of projects and programs that will be implemented over the next six years. In order to receive federal funding, transportation projects must be included in the Constrained Long Range Plan and the TIP. Amendments are major changes to a project included in the CLRP, TIP or STIP that are not Administrative Modifications.

UPWP – Unified Planning Work Program- MPOs must adopt and implement an annual work program and budget known as the Unified Planning Work Program (UPWP). The UPWP identifies all activities to be undertaken by the MPO during the fiscal year which begins July 1st and ends the following June 30th.

VDOT - Virginia Department of Transportation – The Agency responsible for statewide transportation facility planning, construction, and maintenance. VDOT is separate from the Virginia Department of Rail and Public Transportation (VDRPT).

VDRPT - Virginia Department of Rail and Public Transportation – The Agency under the Virginia Secretary of Transportation (as is VDOT) provides technical and financial assistance to Virginia's public transit.

WIN-FRED METROPOLITAN PLANNING ORGANIZATION

Frederick County ❖ City of Winchester ❖ Town of Stephens City



400 Kendrick Lane, Suite E, Front Royal, Virginia 22630
 Phone: 540-636-8800 ❖ Fax: 540-635-4147
 www.winfredmpo.org

**WinFred Metropolitan Planning Organization
 Chairman John Willingham
 DRAFT Policy Board Meeting Minutes
 June 20, 2018**

**Frederick County Administrative Offices
 First Floor Conference Room
 107 North Kent Street, Winchester, Virginia**

WinFred MPO Policy Board Member Jurisdiction Representatives					
	Frederick County		VDOT		Staff
✓	Charles DeHaven, Jr.		Randy Kiser	✓	Brandon Davis
✓	Judith McCann-Slaughter		Non-Voting Members	✓	John Madera
	Kris Tierney		Mack Frost, FHWA	✓	Karen Taylor
	Winchester		Tony Cho, FTA		Others
✓	John Hill		Todd Horsley, DRPT	✓	John Bishop, Frederick County
	Eden Freeman		Rusty Harrington, FAA	✓	Josh Janney – Winchester Star
	John Willingham		Alternates		
		✓	Bill Wiley (Winchester)		
	Stephens City		Perry Eisenach (Winchester)		
	Mike Majher	✓	Tim Youmans (Winchester)		
		✓	Mike Ruddy (Frederick)		
		✓	Terry Short (VDOT)		
			Terry Jackson (VDOT)		
			Ed Carter (VDOT)		
			Brad Reed (VDOT)		

Winchester-Frederick County MPO
DRAFT Policy Board Meeting Minutes
Frederick County Administrative Offices - First Floor Conference Room
107 N. Kent Street, Winchester, VA
June 20, 2018 - 10:00 a.m.

1. ADMINISTRATIVE ITEMS

- A. Adoption of Agenda – Motion to adopt made by Ms. McCann-Slaughter, seconded by Mr. Wiley. Motion carried.
- B. Welcome and Introductions – Vice-Chair DeHaven welcomed everyone to the meeting.
- C. Review and approval of the Draft Minutes of the May 16, 2018 Policy Board Meeting – Motion to adopt made by Ms. McCann-Slaughter, seconded by Mr. Ruddy. Motion carried.
- D. Financial Report – Report provided for information only.
- E. Draft June 5, 2018 Technical Advisory Committee Meeting Minutes – Provided for information only.

2. Public Comment Period – None reported.

3. SmartScale Applications Resolution of Support

Mr. Madera stated that the Technical Advisory Committee reviewed the list of SmartScale project applications for submittal during their May meeting. The Committee is recommending approval of the project list (attached to the minutes) to the Policy Board. Following a brief discussion, a motion was made by Ms. McCann-Slaughter approving the Resolution of Support and authorization for the Chairman to sign; motion seconded by Mr. Hill. Motion carried.

4. Review and approval of the most recently revised Memorandum of Understanding

Mr. Short gave a brief overview of the revised MOU. Following the overview, a motion was made by Mr. Wiley approving the revised Memorandum of Understanding and authorization for the Chairman to sign; motion seconded by Ms. McCann-Slaughter. Motion carried.

5. Update on Performance Based Planning & Programming – Safety Performance Measures

Mr. Short gave an overview of the updated safety performance measures. FHWA is requiring MPOs to incorporate this into their TIPs. Item presented for information only – action required at a later date.

6. Upcoming Meeting Schedule (all meetings held at Frederick County Administrative Offices)

- Project Steering Committee: TBD
- *Technical Advisory Committee: July meeting cancelled*
- *Policy Meeting: July meeting potentially cancelled*

7. VDOT/DRPT/Staff Updates – Mr. Short gave an update on SmartScale pre-application period, Route 11 North Study, STARS Valley Pike Study, I-81 public meetings, Exit 313/Millwood bridge replacement and the Tevis crossover.

8. Other Business – None reported.

Meeting adjourned at 10:35 a.m.

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Policy Board

Chair:
John A. Willingham
City of Winchester

Vice-Chair:
Charles S. DeHaven, Jr.
Frederick County

Secretary/ Treasurer:
Brandon Davis
NSVRC

City of Winchester:
*Eden Freeman
City Manager
*John W. Hill
Council Member
*John A. Willingham
Council Member

Frederick County:
*Judith McCann-Slaughter
Board of Supervisors
*Kris Tierney
County Administrator
*Charles S. DeHaven, Jr.
Board of Supervisors

Stephens City:
*Michael Majher
Town Administrator/ Engineer

VDOT:
*Randy Kiser
District Administrator

Va. Dept. of Rail & Public Trans.:
Ciara Williams
Transit Planning Manager

Federal Highway Administration:
Mack Frost
Planning and Environmental Specialist

Federal Transit Administration:
Tony Cho
Transportation Program Specialist

* Denotes Voting Members

**MPO RESOLUTION 18-02
6/20/18**

RESOLVED, that the WinFred Metropolitan Planning Organization supports the following FY2019 SMART SCALE applications:

City of Winchester

- Millwood Avenue Traffic Improvements between Mall Blvd and Jubal Early Drive
- Jubal Early Traffic Improvements at Pleasant Valley
- Pleasant Valley Traffic Improvements at Cork Street
- Traffic Signal Synchronization on Valley Avenue Corridor and Gerrard Street Corridor

Frederick County

- Exit 317 NB Ramp Realignment/Redbud Road Intersection Improvements
- Rt. 11 North Corridor Improvements
- Route 522/Costello Drive Turn Lane and Intersection Operations Improvements
- Route 11/Shawnee Drive/Opequon Church Lane Intersection Improvements

WinFred MPO

- I-81 Exit 317 Accel/Decel Lane Extensions
- I-81 Exit 307 Roundabouts
- I-81 Exit 313 Bridge Capacity Improvement
- I-81 Winchester Hard Running Shoulders

NSVRC

- Route 11 South Corridor Enhancements

This is to certify that the WinFred Metropolitan Planning Organization approved the above resolution at its meeting held June 20, 2018.

WITNESS:

BY:

Brandon Davis
Secretary-Treasurer WinFred MPO

John Willingham
Chairman WinFred MPO

**WIN-FRED MPO FYE 2018 UPWP
Revenues & Fiscal Year to Date Expenses Summary by Task
July 1, 2018 through August 18, 2018 (FY 2019)**

UPWP Tasks	% Split VDOT/ DRPT	Highway Funding				Transit Funding				Total 100% MPO Expenditures	UPWP Funding Remaining
		FHWA Planning 80%	State Match 10%	Local Match 10%	Subtotal Highway VDOT	FTA 5303 80%	State Match 10%	Local Match 10%	Subtotal Transit DRPT		
Task 1: Program Management and Administration Revenue	50/50	\$ 26,000.00	\$ 3,250.00	\$ 3,250.00	\$ 32,500.00	\$ 26,000.00	\$ 3,250.00	\$ 3,250.00	\$ 32,500.00	\$ 65,000.00	
NSVRC Administrative Expenses & Direct Costs		\$ (1,741.65)	\$ (217.71)	\$ (217.71)	\$ (2,177.06)	\$ (1,741.65)	\$ (217.71)	\$ (217.71)	\$ (2,177.06)	\$ (4,354.12)	
T1 Revenue Balance Remaining		\$ 24,258.35	\$ 3,032.29	\$ 3,032.29	\$ 30,322.94	\$ 24,258.35	\$ 3,032.29	\$ 3,032.29	\$ 30,322.94	\$ 60,645.88	93.3%
Task 2: Transportation Improvement Program (TIP)	50/50	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 1,250.00	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 1,250.00	\$ 2,500.00	
NSVRC Administrative Expenses & Direct Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
T2 Revenue Balance Remaining		\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 1,250.00	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 1,250.00	\$ 2,500.00	100.0%
Task 3: State/Federal Requested Work Tasks	50/50	\$ 600.00	\$ 75.00	\$ 75.00	\$ 750.00	\$ 600.00	\$ 75.00	\$ 75.00	\$ 750.00	\$ 1,500.00	
NSVRC Administrative Expenses & Direct Costs		\$ (220.00)	\$ (27.50)	\$ (27.50)	\$ (275.00)	\$ (220.00)	\$ (27.50)	\$ (27.50)	\$ (275.00)	\$ (550.00)	
T3 Revenue Balance Remaining		\$ 380.00	\$ 47.50	\$ 47.50	\$ 475.00	\$ 380.00	\$ 47.50	\$ 47.50	\$ 475.00	\$ 950.00	63.3%
Task 4: Public Mobility	0/100	N/A				\$ 18,566.40	\$ 2,320.80	\$ 2,320.80	\$ 23,208.00	\$ 23,208.00	
NSVRC Administrative Expenses & Direct Costs		N/A				\$ -	\$ -	\$ -	\$ -	\$ -	
Consultant Expenses		N/A				\$ -	\$ -	\$ -	\$ -	\$ -	
T4 Revenue Balance Remaining		N/A				\$ 18,566.40	\$ 2,320.80	\$ 2,320.80	\$ 23,208.00	\$ 23,208.00	100.0%
Task 5: Local Technical Assistance	20/80	\$ 6,400.00	\$ 800.00	\$ 800.00	\$ 8,000.00	\$ 25,600.00	\$ 3,200.00	\$ 3,200.00	\$ 32,000.00	\$ 40,000.00	
NSVRC Administrative Expenses & Direct Costs		\$ (811.56)	\$ (101.45)	\$ (101.45)	\$ (1,014.45)	\$ -	\$ -	\$ -	\$ -	\$ (1,014.45)	
Consultant Expenses		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
T5 Revenue Balance Remaining		\$ 5,588.44	\$ 698.56	\$ 698.56	\$ 6,985.55	\$ 25,600.00	\$ 3,200.00	\$ 3,200.00	\$ 32,000.00	\$ 38,985.55	97.5%
Task 6: Bicycle & Pedestrian Plan Development	0/100	N/A				\$ 12,000.00	\$ 1,500.00	\$ 1,500.00	\$ 15,000.00	\$ 15,000.00	
NSVRC Administrative Expenses & Direct Costs		N/A				\$ (1,322.99)	\$ (165.37)	\$ (165.37)	\$ (1,653.74)	\$ (1,653.74)	
Consultant Expenses		N/A				\$ (6,526.02)	\$ (815.75)	\$ (815.75)	\$ (8,157.53)	\$ (8,157.53)	
T6 Revenue Balance Remaining		N/A				\$ 4,150.98	\$ 518.87	\$ 518.87	\$ 5,188.73	\$ 5,188.73	34.6%
Task 7: System Planning	90/10	\$ 237,600.00	\$ 29,700.00	\$ 29,700.00	\$ 297,000.00	\$ 26,400.00	\$ 3,300.00	\$ 3,300.00	\$ 33,000.00	\$ 330,000.00	
NSVRC Administrative Expenses & Direct Costs		\$ (4,292.40)	\$ (536.55)	\$ (536.55)	\$ (5,365.49)	\$ (476.93)	\$ (59.62)	\$ (59.62)	\$ (596.17)	\$ (5,961.66)	
Consultant Expenses		\$ (27,846.00)	\$ (3,480.75)	\$ (3,480.75)	\$ (34,807.50)	\$ (3,094.00)	\$ (386.75)	\$ (386.75)	\$ (3,867.50)	\$ (38,675.00)	
T7 Revenue Balance Remaining		\$ 205,461.60	\$ 25,682.70	\$ 25,682.70	\$ 256,827.01	\$ 22,829.07	\$ 2,853.63	\$ 2,853.63	\$ 28,536.33	\$ 285,363.34	86.5%
Task 8: Long Range Planning, Modeling, GIS and Data	45/55	\$ 28,800.00	\$ 3,600.00	\$ 3,600.00	\$ 36,000.00	\$ 35,200.00	\$ 4,400.00	\$ 4,400.00	\$ 44,000.00	\$ 80,000.00	
NSVRC Administrative Expenses & Direct Costs		\$ (27.78)	\$ (3.47)	\$ (3.47)	\$ (34.73)	\$ (33.95)	\$ (4.24)	\$ (4.24)	\$ (42.44)	\$ (77.17)	
T8 Revenue Balance Remaining		\$ 28,772.22	\$ 3,596.53	\$ 3,596.53	\$ 35,965.27	\$ 35,166.05	\$ 4,395.76	\$ 4,395.76	\$ 43,957.56	\$ 79,922.83	99.9%
TOTAL FY19 BUDGETED REVENUES		\$ 300,400.00	\$ 37,550.00	\$ 37,550.00	\$ 375,500.00	\$ 145,366.40	\$ 18,170.80	\$ 18,170.80	\$ 181,708.00	\$ 557,208.00	
TOTAL FY19 EXPENSES FISCAL YEAR TO DATE		\$ (34,939.38)	\$ (4,367.42)	\$ (4,367.42)	\$ (43,674.23)	\$ (13,415.55)	\$ (1,676.94)	\$ (1,676.94)	\$ (16,769.44)	\$ (60,443.67)	
TOTAL FY19 BUDGETED REVENUES REMAINING		\$ 265,460.62	\$ 33,182.58	\$ 33,182.58	\$ 331,825.77	\$ 131,950.85	\$ 16,493.86	\$ 16,493.86	\$ 164,938.56	\$ 496,764.33	

Fiscal Year to Date Staff Hours: July 1, 2018 - Aug. 25, 2018

	TASK #1	TASK #2	TASK #3	TASK #4	TASK #5	TASK #6	TASK #7	TASK #8	TOTAL HOURS
Executive Assistant									
Executive Director	26.75								26.75
Principal Planner	1.00					22.25	80.25	0.75	104.25
Director of Finance & Administration	5.50								5.50
Program Coordinator									
Sr. Project & Operations Manager					15.50				15.50
GIS/Regional Planner II									0.00
TOTAL HOURS FYTD	33.25	0.00	0.00	0.00	15.50	22.25	80.25	0.75	152.00

RETURN TO AGENDA

WinFred METROPOLITAN PLANNING ORGANIZATION

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Draft Technical Advisory Committee Minutes: September 4, 2018 @ 10 a.m.

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 107 North Kent Street, Winchester, VA
 First Floor Conference Room**

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	Frederick County		VDRPT		Staff
✓	Patrick Barker		Ciara Williams	✓	Brandon Davis
✓	John Bishop	✓	Todd Horsley	✓	Karen Taylor
✓	Mike Ruddy		Winchester Airport		
	Jay Tibbs		Serena 'Renny' Manuel		
	Stephens City		Winchester Transit		Others
	Mike Majher	✓	Renee Wells	✓	Alexander Alvarado, VDOT
	VDOT		Winchester		
✓	Terry Short	✓	Perry Eisenach		
	Non-Voting	✓	Justin Hall		
	Mack Frost, FHWA	✓	Tim Youmans		
	Tony Cho, FTA	✓	Shawn Hershberger		
	Rusty Harrington, VA Dept. of Aviation				

**Winchester Frederick County (WinFred) MPO
TECHNICAL ADVISORY COMMITTEE (TAC) Meeting Minutes
September 4, 2018 - 10:00 a.m.
Frederick County Administrative Offices - First Floor Conference Room
107 N. Kent Street, Winchester, VA**

1. Administrative Items:

- a) Welcome and Introductions – Chairman Youmans welcomed everyone to the meeting. Mr. Bishop requested to add an agenda item – Update on the I-81 study. All agreed.
- b) Review and approval of the June 5, 2018 Technical Advisory Committee Meeting Minutes – Motion made by Mr. Short approving the minutes; seconded by Ms. Wells. Motion carried.

2. Public Comment Period – None reported.

3. Route 11 (Valley Pike/Valley Avenue) Corridor Study Draft Report

Mr. Short reviewed the Draft Report with the Committee. Following a discussion the Committee decided to the following: TAC will review and submit comments to Ms. Taylor by Friday, September 14, 2018. A formal presentation of the report will be given to TAC in October. Following that presentation TAC will discuss moving forward with presenting to the Policy Board.

4. Presentation of the Newly Redesigned WinFred MPO Website

Ms. Taylor presented the new site to the Committee.

5. Discussion on the I-81 Study

The Committee discussed some of the recommendations they have seen thus far. Following the discussion, it was agreed upon that the MPO would submit a formal letter and comments by the September 30 deadline. This will be sent to the City and County prior to submittal and will be presented at the September Policy Board meeting.

6. Upcoming Meeting Schedule (MPO Meetings are held at the Frederick County Administrative Offices):

- Project Steering Meeting: TBA
- Policy Board: September 19, 2018
- Technical Advisory Committee: October 2, 2018
- CTB Meetings in Winchester: September 17 & 18, 2018

7. VDOT/DRPT/Staff Updates

Mr. Short gave an overview of the Route 11 North Study. He stated that the County Comprehensive Plan called for a six way widening which was not successful. He stated that they are working with Kimley Horn in regards to a dual lane round a bout at Charlestown Rd. Discussed the ramp realignment at 317 - looked at entire interchange; possibility for a Diverging Diamond Interchange concept. Mr. Short and MPO staff will work to negotiate a contract extension with Kimley Horn to fulfill the UPWP line item. This study is due to be completed this fiscal year.

8. Other Business – None reported.

Meeting adjourned at 11 a.m.

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CMAQ- Congestion Mitigation and Air Quality Improvement (CMAQ) Program was implemented to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief.

FHWA - Federal Highway Administration - Within the US Department of Transportation, FHWA is responsible for highway issues, including federal laws and regulations related to metropolitan transportation planning.

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HSIP - Highway Safety Improvement Program - The overall purpose of this program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements.

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The FAST Act - On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains our focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

NHPP- National Highway Performance Program - The NHPP provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.

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TIP - Transportation Improvement Program - Approved by the MPO Policy Board, it is a list of projects and programs that will be implemented over the next six years. In order to receive federal funding, transportation projects must be included in the Constrained Long Range Plan and the TIP. Amendments are major changes to a project included in the CLRP, TIP or STIP that are not Administrative Modifications.

UPWP – Unified Planning Work Program- MPOs must adopt and implement an annual work program and budget known as the Unified Planning Work Program (UPWP). The UPWP identifies all activities to be undertaken by the MPO during the fiscal year which begins July 1st and ends the following June 30th.

VDOT - Virginia Department of Transportation - Agency responsible for statewide transportation facility planning, construction, and maintenance. VDOT is separate from the Virginia Department of Rail and Public Transportation (VDRPT).

Appendix E, Addendum 1: Performance Based Planning and Programming – Safety Performance Measures

Performance Targets

In accordance with the requirements of MAP-21 and the FAST Act, Virginia has established safety performance objectives as published in [Virginia’s 2017 - 2021 Strategic Highway Safety Plan \(SHSP\)](#) and, starting in 2017, annual targets in the Highway Safety Improvement Program (HSIP) Annual Report. The SHSP performance measure objectives are indicated in Table 1 below.

Table 1: 2017 – 2021 SHSP Safety Performance Objectives

	Performance Target	Per Year Reduction
1	Number of Fatalities	2%
2	Rate of Fatalities per 100 Million Vehicle Miles Travelled	3%
3	Number of Serious Injuries	5%
4	Rate Serious Injury Million Vehicle Miles Travelled	7%
5	Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries	4%

For safety performance measures 1, 2, and 3, annual targets are developed collaboratively by the Department of Motor Vehicles (DMV) Highway Safety Office (HSO) and VDOT HSIP staff.¹ The DMV HSO includes these measures in their Highway Safety Plan submitted to the National Highway Traffic Safety Administration (NHTSA) every June.

The Commonwealth Transportation Board approves all five annual targets and VDOT includes these in the HSIP Annual Report submitted to FHWA every August. Within 180 days of VDOT’s annual report submission to FHWA, MPOs must indicate their support of the state targets or submit their unique regional targets for one or more of the safety measures.

Connection to Other Performance Based Planning Documents

The federally required SHSP, a five-year multi-agency comprehensive plan focused on reducing fatalities and serious injuries on all public roads, serves as the coordinating document for other plans and programs that involve traffic safety. This coordination involves the long-range statewide transportation plan (LRSTP), the metropolitan transportation plans (MTP), and three plans that implement parts of the SHSP – the Highway Safety Plan (HSP), the HSIP, and the Commercial Vehicle Safety Plan (CVSP). This integration is important for improving overall

¹ It is a federal requirement that safety performance measures 1, 2, and 3 are identical targets for NHTSA's Highway Safety Grants Program and FHWA's Highway Safety Improvement Program. This requirement allows States to align their safety performance targets and work collaboratively to achieve them.

safety coordination amongst various partners and leads to more comprehensive transportation safety planning.

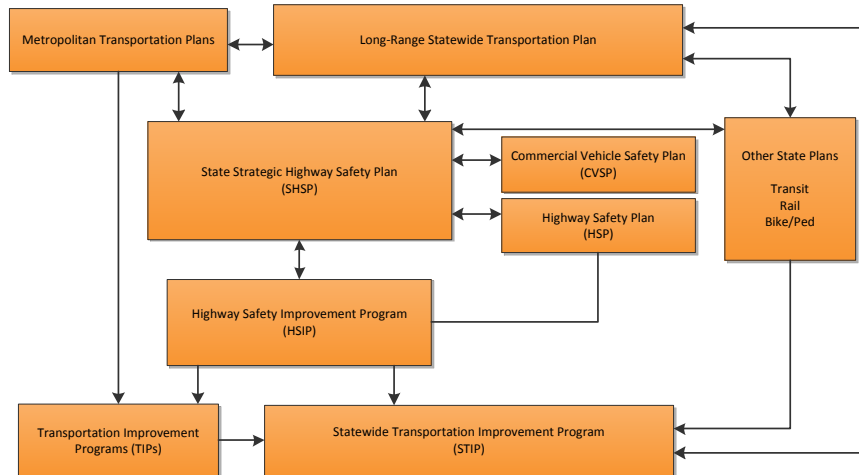
The LRSTP, VTrans2040, guides the state's investment decisions for transportation improvements. Safety and performance management is included in the VTrans2040 Vision, Goals & Objectives, and Guiding Principles:

- Guiding Principle 2: Ensure Safety, Security, and Resiliency – Provide a transportation system that is safe for all users, responds immediately to short-term shocks such as weather events or security emergencies, and adapts effectively to long-term stressors such as sea level rise.
- Guiding Principle 5: Ensure Transparency and Accountability, and Promote Performance Management – work openly with partners and engage stakeholders in project development and implementation, and establish performance targets that consider the needs of all communities, measure progress towards targets, and to adjust programs and policies as necessary to achieve the established targets.
- Goal C: Safety for All Users – provide a safe transportation system for passengers and goods on all travel modes.
 - Objectives:
 - Reduce the number and rate of motorized fatalities and serious injuries.
 - Reduce the number of non-motorized fatalities and injuries.

MTPs are similar to the LRSTP however a MTP covers a specific metropolitan planning area. MTPs include goals and objectives for their respective areas/regions and identify strategies for advancing long-term transportation investments in a specific region.

The HSP is an annual plan to address highway user behaviors that will improve safety through education and enforcement campaigns. The HSP and associated NHTSA grants are administered through the Highway Safety Office at the DMV. Furthermore, each year Virginia State Police (VSP) submits a Commercial Vehicles Safety Plan (CVSP) to Federal Motor Carrier Safety Administration as a requirement of obtaining related enforcement grants.

The relationship between the various plans and programs is shown below:



Projects in the STIP are directly linked to the safety objectives outlined in the SHSP through the strategies and actions that are priorities in Virginia.

Funding for Safety Projects

Safety targeted improvements are implemented through HSIP projects. Each year Virginia is allocated ~\$55 Million for HSIP and \$5 Million for Railway Grade Crossing improvements. Virginia is also subject to a Penalty Transfer provision, Section 154 “Open Container”, such that 2.5% of NHPP funds are reserved for either NHTSA Alcohol-Impaired Driving or HSIP projects. The State determines what proportion goes to each program. Of the HSIP funds, about 10 percent is set aside for non-motorized safety projects and 20 percent of the remainder for improvements on locally-maintained roadways.

How do Safety Projects get selected for Inclusion in the STIP?

The HSIP project planning and delivery follows these steps:

- Each year highway segment and intersection locations that have the highest potential for safety improvement are identified based on the previous five years of traffic crash and volume data. These above average crash locations are provided to the VDOT Districts to determine appropriate locations and countermeasures for HSIP funding. The potential for vehicle-train crashes at each at-grade railroad crossing is also distributed.
- HSIP project proposals are submitted through the SMART Portal for the appropriate safety program.
- VDOT and locality submitted HSIP proposals are reviewed and prioritized based on the number of targeted crashes and the benefit to cost ratio or the potential risk reduction for non-motorized and rail highway grade crossing improvements.
- Projects are selected and programmed for the last two or three years of the SYIP. At present there are over \$100 million of safety improvement proposals, with an expected benefit, that remain unfunded.

In recent years, programmed priority HSIP projects have shifted from being higher cost spot intersection and segment improvements to lower cost systemic improvements that target specific crash types and/or roadway characteristics that are factors in crashes across the network. Examples of systemic improvements include traffic signal devices and timing at intersections and curve signing, higher friction surfaces and rumble strips on segments.

Safety improvements are also included within projects funded with non-HSIP funds. The SMART SCALE scoring and prioritization process for inclusion of projects in the SYIP, considers safety benefits from improvements addressing travel of all modes. Many of the large SMART SCALE projects, upon completion, will have distinct impacts on safety performance in the Commonwealth. In addition, projects funded through other state and federal sources in the SYIP, such as the Transportation Alternatives Program, including Safe Routes to School grants, Revenue Sharing, and even some CMAQ and maintenance projects, will also have crash reduction benefits that contribute to improved safety performance.

Thus, the funding to meet Virginia's safety objectives and targets is allocated to projects in the CTB approved SYIP, and is consistent with VTrans2040. Since the SYIP is the foundation for the STIP, the program of projects in the STIP demonstrates support to achieve Virginia's safety performance objectives and targets and is consistent with Virginia's SHSP and the HSIP.