

AGENDA

RICHMOND REGIONAL
TRANSPORTATION PLANNING ORGANIZATION
TECHNICAL ADVISORY COMMITTEE

Tuesday, December 8, 2020

9:00 a.m.

Zoom Meeting

Members of the public may observe the meeting via YouTube Live Streaming on the [PlanRVA YouTube Channel](#). Opportunities for sharing comments are described in the [Public Participation](#) guide.

WELCOME AND INTRODUCTIONS

(Amos).....

STATEMENT REGARDING VIRTUAL MEETINGS

(Parsons) page 1

ROLL CALL & CERTIFICATION OF A QUORUM

(Parsons).....

1. Consideration of Amendments to the Action Meeting Agenda

(Amos).....

2. Approval of November 10, 2020 TAC Action Meeting Minutes

(Amos)..... page 2

Action Requested

3. Open Public Comment Period

(Amos/5 minutes).....

4. TAC Chairman's Report

(Amos/10 minutes).....

5. RRTPO Update

(Parsons/10 minutes)..... page 7

a. Current Work Efforts

b. Community Transportation Advisory Committee (CTAC) Meeting Report

c. VDOT SYIP Update

d. CVTA Update

- 6. **Passenger Rail Update - DRPT**
(Randy Selleck/15 minutes).....
- 7. **FY21 – FY24 TIP Amendments: VDOT Request**
(Parsons/10 minutes)..... page 13
Action Requested
- 8. **Richmond Regional Bicycle & Pedestrian Plan Update**
(Jacocks/15 minutes)..... page 27
- 9. **Transportation Agency Updates**
(DRPT, GRTC, RideFinders, VDOT/10 minutes).....
 - a. DRPT - Dubinsky
 - b. GRTC - Torres
 - c. RideFinders – O’Keeffe
 - d. VDOT - McAdory
- 10. **Future Meeting Topics**
(Amos/5 minutes)..... page 28
- 11. **TAC Member Comments**
(Amos/5 minutes).....
- 12. **Next Meeting: January 12, 2021**
(Amos)
- 13. **Adjournment**
(Amos).....

CAP/nm
Attachments

pc: Patricia A. Paige, RRTPO Policy Board Chair Robert L. Basham Jr., CTAC Chair Richard Duran, FHWA Daniel Koenig, FTA Liaison Jennifer DeBruhl, DRPT	Ron Svejkovsky, Tri-Cities MPO Martha Heeter, PlanRVA TAC Interested Parties Area News Media
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Opening Statement for Electronic Meetings

Due to the 2020 COVID-19 virus and current guidance regarding physical distancing to reduce the potential for spread, meetings of the Richmond Regional Transportation Planning Organization (RRTPO) have transitioned to a virtual format in accordance with provisions of Virginia Code § 2.2-3708.2 and related legislation approved by the General Assembly of Virginia during the period of the Governor's State of Emergency Declaration for COVID-19.

While we meet in a remote/virtual format, we remain committed to public accessibility and opportunity to participate. Staff provided notice of this meeting to members and the public on December 1, 2020 through electronic posting on the PlanRVA website and email distribution of notice to members, alternates, and known interested parties, including the media.

This meeting will be recorded. Audio and visual recordings of the meeting and materials will be posted on the PlanRVA website within 48 hours of this meeting.

Any member of the public participating as an observer during the meeting today may submit comments or questions at any time prior to or during the meeting via email at rrtpoinput@PlanRVA.org. All comments and questions submitted at this time will be reviewed following the meeting and to the extent practical, responses will be provided or posted on the PlanRVA website.

We ask that members identify themselves first when speaking so we can more accurately record the activities of the meeting. All lines should be muted to minimize additional noise and feedback. You may unmute your line at any time to request acknowledgement from the Chair.

Please let us know if you have any questions regarding the process for assuring effective facilitation of this meeting or for how members of the public may participate.

By providing this statement, staff certifies that we have followed the approved procedures for appropriate notice of this meeting and the means by which we are convening.

Please indicate your presence by saying "HERE" when your name is called during a roll call. Anyone who wishes to identify themselves following the roll call of members will be invited to do so.

**RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION
TECHNICAL ADVISORY COMMITTEE (TAC)**

**MINUTES OF ACTION MEETING
Zoom Virtual Meeting
November 10, 2020
9:00 a.m.**

MEMBERS and ALTERNATES (A) PRESENT:

Town of Ashland		Charles City County		Chesterfield County	
Nora D. Amos, FY21 Chair	x	(vacant)		Barbara K. Smith	
Will Tucker (A)				Chessa Walker (A)	x
Goochland County		Hanover County		Henrico County	
Thomas M. Coleman	x	Joseph E. Vidunas	x	Sharon Smidler	x
Todd Kilduff (A)		J. Michael Flagg (A)	x	Todd Eure (A)	
New Kent County		Powhatan County		City of Richmond	
Kelli LeDuc, FY21 Vice Chair	x	Andrew Pompei	x	Dironna Moore Clarke	x
		Bret Schardein (A)	x	Travis A. Bridewell (A)	x
Capital Region Airport Commission		DRPT		GRTC Transit System	
John B. Rutledge		Tiffany T. Dubinsky	x	Adrienne Torres	x
		Grant Sparks (A)		Emily E. DelRoss (A)	x
PlanRVA		RideFinders		RMTA	
Chet Parsons	x	Von S. Tisdale		Theresa Simmons	
Sulabh Aryal (A)	x	John O'Keeffe (A)			
VDOT					
Liz McAdory	x				
Jacob C. Herrman	x				

The RRTPO Technical Advisory Committee (TAC) meeting was held by electronic communication means as set forth by the April 22, 2020 actions of the General Assembly in response to the continued spread of novel coronavirus, or COVID-19. The technology used for this meeting was a web-hosted service created by Zoom and YouTube Live Streaming and was open and accessible for participation by members of the public. Voting record tables are included in Appendix A. A recording of this meeting is available on our [Plan RVA YouTube Channel](#).

CALL TO ORDER

The Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee Chairwoman, Nora D. Amos, presided and called the November 10, 2020 RRTPO Technical Advisory Committee action meeting to order at 9:00 a.m.

ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM

Nicole Mueller, Program Coordinator, took attendance by roll call and certified that a quorum was present.

1. Consideration of Amendments to the Action Meeting Agenda

Chairwoman Amos recommended to add opportunities for agency reporting to be provided under agenda item 9. Transportation Agency Updates which may include updates from GRTC Transit System and RideFinders in addition to DRPT and VDOT. Seeing and hearing no objections the November 5, 2020 agenda was approved by acclamation as presented.

2. Approval of October 13, 2020 RRTPO TAC Action Meeting Minutes

On motion of Dironna Moore Clarke, seconded by Chessa Walker, the Technical Advisory Committee unanimously approved the minutes of the October 13, 2020 meeting as presented (see Appendix A).

3. TAC Chairman's Report

Nora D. Amos, TAC Chair, noted that staff transitioned to the new Ashland Town Hall building at 121 Thompson Street. TAC members are invited to take a tour of the new offices.

6. VTrans Update – Prioritization of VTrans Mid-term Needs

Chris Wichman, Senior Transportation Planner with the Office of Intermodal Planning and Investment (OIPI), provided an update on the approach for prioritizing the mid-term transportation needs, as well as how to find information online for review and feedback. Links to the events page and a .pdf of the slide deck to the OIPI events page are included below:

Link to event page:

<https://vtrans.org/get-involved/events/event?article=11-10-2020-Richmond-Regional-TPO-TAC---Draft-Policy-for-Prioritization-of-Mid-term-Needs>

Link to .pdf of slide deck:

https://dl.airtable.com/attachments/7c65df61e59912f5581b6d557c9d0801/d8c69ffa/VTrans_Draft_Prioritization_Policy_Guide_RRTPO_11_10_2020.pdf

7. 2020 Richmond Regional Structural Inventory and Assessment Report

The 2020 Richmond Regional Structural Inventory and Assessment Report is a complementary document to the ConnectRVA 2045 Plan and shall be updated with the Long-Range Transportation Plan update cycle. Sulabh Aryal, Planning Manager, summarized the current draft report for TAC review and comments.

** A copy of the draft report for review is available at:

[Draft RIC Regional Structural Inventory and Assessment Report 2020, November 10](#)

8. Action on MPO Boundaries and Rural Jurisdictions

On motion of Andrew Pompei, seconded by Thomas M. Coleman, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) voted approval of the following resolution as presented (7-Y 3-N 2-A; see Appendix A):

RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) approves the update of the Metropolitan Planning Area boundary to include the entirety of Powhatan, Goochland, New Kent, and Charles City Counties;

BE IT FURTHER RESOLVED, that the RRTPO supports the initiation of necessary procedures with the Virginia Department of Transportation, Federal Highway Administration, and the Governor of Virginia to officially recognize this boundary adjustment.

9. Transportation Agency Updates

** A copy of the Virginia Department of Rail and Public Transportation update provided by Tiffany Dubinsky, Statewide Transit Planner at DRPT, is available at: [DRPT Update, November 10](#)

** Adrienne Torres, Director of Planning & Scheduling at GRTC Transit System, provided the following update:

The next [GRTC Board of Directors meeting](#) will be on November 17th, 2020.

** A copy of the Virginia Department of Transportation update provided by Liz McAdory, District Planning Manager at VDOT, is available at: [VDOT Update, November 10](#)

14. Next RRTPO TAC Meeting: December 8, 2020

Chairwoman Amos noted the next action meeting will be held on December 8, 2020, beginning at 9:00 a.m. in Richmond, Virginia.

11. Adjournment:

Chairwoman Amos adjourned the meeting at 10:53 a.m. on November 10, 2020.

CAP/nm

APPENDIX A

RRTPO Technical Advisory Committee (TAC) – Voting Record Tables

Item 2. Approval of October 13, 2020 TAC Action Meeting Minutes

Jurisdiction/Agency	Member/Alternate	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	x			
Charles City County	(vacant)				
Chesterfield County	Chessa Walker (A)	x			
Goochland County	Thomas M Coleman	x			
Hanover County	Joseph E. Vidunas	x			
Henrico County	Sharon Smidler	x			
New Kent County	Kelli Le Duc	x			
Powhatan County	Andrew Pompei	x			
City of Richmond	Dironna Moore Clarke	x			
Capital Region Airport Commission	John B. Rutledge				x
DRPT	Tiffany T. Dubinsky	x			
GRTC Transit System	Adrienne Torres	x			
Plan RVA	Chet Parsons	x			
RideFinders	Von S. Tisdale				x
RIC Metropolitan Transp. Authority	Theresa Simmons				x
VDOT	Liz McAdory	x			
TOTAL		12			3

Quorum is at least one-half of TAC's membership to include a minimum of four local government representatives (as per Article V, Section 2 of the bylaws).

Item 8. MPO Boundaries and Rural Jurisdictions

Jurisdiction/Agency	Member/Alternate	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos		x		
Charles City County	(vacant)				
Chesterfield County	Chessa Walker (A)	x			
Goochland County	Thomas M Coleman	x			
Hanover County	Joseph E. Vidunas		x		
Henrico County	Sharon Smidler	x			
New Kent County	Kelli Le Duc	x			
Powhatan County	Andrew Pompei	x			
City of Richmond	Dironna Moore Clarke		x		
Capital Region Airport Commission	John B. Rutledge				x
DRPT	Tiffany T. Dubinsky			x	
GRTC Transit System	Adrienne Torres	x			
Plan RVA	Chet Parsons	x			
RideFinders	Von S. Tisdale				x
RIC Metropolitan Transp. Authority	Theresa Simmons				x
VDOT	Liz McAdory			x	
TOTAL		7	3	2	3

Quorum is at least one-half of TAC's membership to include a minimum of four local government representatives (as per Article V, Section 2 of the bylaws).

Current Work Efforts Update – Item 5.a.

ConnectRVA 2045 Long-Range Transportation Plan

Staff developed Vision, Guiding Principles, Goals and Objectives for the plan based on the public surveys and LRTP-Advisory Committee (AC) input. This will be presented to the Policy Board in December. Staff has also been working with AC to develop regionally significant transportation projects within the RRTPO's Metropolitan Planning Area (MPA) Boundary. The product will be a streamlined list of transportation projects which will be called the Universe of Projects. Staff anticipate completing the list by the end of the year.

Ashland Trolley Line Trail Study

The Ashland Trolley Line Trail advisory group is working on the northernmost section of the recently named Fall Line trail (formerly Ashland to Petersburg). The localities along the corridor continue to identify segments of independent utility along the conceptual 14-mile route from Ashland to the City of Richmond. Several of these segments are the subject of funding applications either through the Transportation Alternatives (TA) program or SMART SCALE. The third program year of technical assistance through the National Park Service (NPS), [Rivers, Trails, and Conservation Assistance Program](#) will focus on obtaining design assistance and exploring trail management alternatives. Two story maps for the project have been developed to illustrate the importance and design potential, including [history of the trolley line](#) and a [design sketchbook](#).

Regional Bicycle and Pedestrian Plan Update

The purpose of this project is to update the 2004 regional plan as a central component of the ConnectRVA2045 long range transportation plan. A [story map](#) of existing infrastructure, bike/ped features and statistics on bike/ped injuries and fatalities in the region continues to be updated and refined. Staff held a fifth steering committee meeting on October 29 to further review potential projects that create a regional network, and finalize the vision, goals, objectives. Possible measures of performance were introduced that will be the subject of the next steering committee meeting in early December.

Ashland Complete Streets Pilot Project

Complete streets guidelines, or a “tool-box” of resources, depicted through graphic and photographic examples are being prepared to serve as implementation support for the regional bike/ped plan. These images are intended to show specific locations where good standards have been implemented and where infrastructure improvements could incorporate complete streets elements for better solutions throughout the region. The illustrated [story map](#) is available for review and continues to be updated.

Active Transportation Work Group (ATWG)

Staff is working on scheduling the next meeting of the ATWG for mid-December. Staff participated in the November meeting for the Henrico County Active Transportation Work Group, which is designed to advise the planning for a bicycle and pedestrian

chapter of the county comprehensive plan. Henrico staff shared their document review for their planning, gave updates on bicycle and pedestrian projects in the county and on the work being done for the county's comprehensive plan.

Public Transportation Work Group

This work group met on [November 2, 2020](#) and is supporting GRTC in the development of the scope of work and the project tasks required to complete the development of a Regional Public Transportation Plan. GRTC has entered into negotiations with a consultant and the plan development process is expected to begin soon.

MEMORANDUM

To: Richmond Regional Transportation Planning Organization (RRTPO) Policy Board
RRTPO Technical Advisory Committee

From: Kenneth Lantz, Jr., RRTPO Mobility Manager

Date: November 20, 2020

Subj: RRTPO Community Transportation Advisory Committee (CTAC) Meeting Report

The following is a brief report on major discussion items from the November 19, 2020 CTAC meeting.

Update on [Connected and Autonomous Vehicles](#)

Virginia Transportation Research Council Senior Research Scientist Noah Goodall provided an overview of automated shuttle deployment test programs in Virginia. He noted that VDOT was supporting a service at Joint Base Myer-Henderson Hall as well as the Fairfax County “Relay” automated shuttle program. Relay is an autonomous shuttle operating between the Dunn Loring Metro station and the Mosaic District. The pilot project is a partnership between Fairfax County, EDENS (Mosaic), VDOT, Virginia Tech Transportation Institute and George Mason University. The fully accessible shuttle is viewed as a test of a first/last mile travel option, connecting people from transit centers to employment and activity centers and residential communities. The purposes of the test include: (1) To learn more about how this technology can be safely and effectively used in the future; (2) to offer additional mobility solutions; (3) to help familiarize people with new transportation technologies; and (4) to encourage environmentally friendly transportation solutions. The pilot involves some 10 different agencies and organizations as well as federal, state and local regulatory agencies.

ConnectRVA 2045 Status Update

Sulabh Aryal, Planning Manager, provided an update on the ongoing tasks associated with the development of the regional transportation plan, [ConnectRVA 2045](#). He reviewed the outcomes of the screening and selection of the regionally significant transportation projects and the development process for the plan’s vision, goals and strategies. Mr. Aryal noted that the surveys and public input had helped with the development of five guiding principles: (1) safe, well-maintained and interconnected transportation; (2)

choice among all travel options; (3) prioritize completion of regional bicycle and pedestrian networks; (4) equity and inclusion; and (5) alignment of transportation investment.

Complete Streets Guidance/Toolbox

Sara Rozmus, Planner, presented the background of the [Complete Streets Guidance/Toolbox](#). The work effort has evolved from consideration of possible regional policy guidance through research of best practices to application in the Town of Ashland. The Ashland pilot project provided a foundation for the creation of a toolbox in the form of best practice examples and specifications that can help implement a roadway network that is more complete and safer for all users. The toolkit will be used to help guide implementation of the Regional Bicycle and Pedestrian Plan.

Greater RVA Transit Vision Plan-Near Term Strategic Technical Analysis

Barbara Jacocks, Principal Planner, summarized the background and recommendations of the [Greater RVA Transit Vision Plan](#). The purpose of the plan was to analyze and recommend selected high-frequency routes for successful implementation in the near-term. Twelve corridors were initially selected in the first screening phase. In the second phase of analysis, access to community facilities, walkability, pedestrian networks, roadway suitability and ridership potential were all considered, and five corridors were recommended to move forward with more detailed capital and operating cost estimate development.

I-95/RMT/Commerce Corridor Access Study

Chet Parsons, Director of Transportation, presented the findings and recommendations of the [I-95/Richmond Marine Terminal/Commerce Road Corridor Access Study](#). The study was commissioned by VDOT in collaboration with PlanRVA and the Port of Virginia to identify and develop solutions to access and safety challenges in the area surrounding the I-95/Bells Road interchange and Commerce Road. In addition to documenting transportation safety and operation challenges, the plan has identified short- and long-term infrastructure improvements that will allow the corridor to reach its full economic potential.

Next CTAC Meeting

The next CTAC meeting is scheduled for Thursday, January 21, 2021.

KEL/nm



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.
Commissioner

1401 East Broad Street
Richmond, Virginia 23219

(804) 786-2701
Fax: (804) 786-29

November 16, 2020

As we have concluded the first quarter of fiscal year 2021, I want to provide an update to you concerning the Virginia Department of Transportation's upcoming actions relative to the Six-Year Transportation Improvement Program (SYIP). Chapter 1289 of the 2020 Acts of Assembly directs that the FY2020-2025 SYIP adopted by the Commonwealth Transportation Board (CTB) in June 2019, as amended, will remain in effect through June 30, 2021 or until such time as a new SYIP is adopted that is based on the official Commonwealth Transportation Fund revenue forecast reflecting the impacts of the COVID-19 pandemic. As such, the CTB did not adopt a revised SYIP by July 1, 2020 as is normally required by the Code of Virginia (33.2-214(B)). Projects previously approved in the amended FY2020-2025 SYIP have continued to be developed and delivered according to their schedules.

To support the transportation agencies and to ensure VDOT is able to meet its current obligations and continue to develop and deliver projects in the FY2020-2025 SYIP on their original schedules, an amendment to Item 430 of the Budget Bill was submitted by the Governor in the Special Session of the General Assembly. The amendment provides that the CTB may use previously allocated Revenue Sharing funds not **currently** needed to support project delivery to mitigate impacts from the revenue reductions resulting from the COVID-19 pandemic and replace those allocations **in the year needed** to support current project schedules. Further, the Secretary must report funding actions planned to be taken, including a listing of programs and projects impacts as well as any deviation from the proposed plan. This plan was presented to the CTB on October 20, 2020 and may be accessed at the following link: [Presentation](#). In addition, proposed individual project allocation adjustments may be viewed at the following link: http://www.ctb.virginia.gov/resources/2020/october/pres/rs_handout3.pdf.

Following the October CTB meeting, VDOT is taking steps to recommend to the CTB a SYIP that builds on the previously approved SYIP with a targeted approach that does not allocate new program funding. This ensures we can manage current financial impacts and adjust in the subsequent SYIP when revenue forecast updates are available. The FY2021-2026 SYIP COVID-19 Update will be presented to the CTB for action in December. In addition, any deviation from the proposed plan presented to the CTB in October will be provided. As outlined in the presentation to the CTB, the FY2021-2026 SYIP COVID-19 Update Plan is comprised of three components:

- 1. Build upon actions approved to date to amend and modify the FY2020-2025 SYIP**
These actions include incorporation of new projects and funding adjustments for several funding programs, including Regional Surface Transportation Block Grant, Congestion

Mitigation and Air Quality, Innovation and Technology Transportation Fund, Safety, Transportation Alternatives Program, and State of Good Repair Local and VDOT Paving.

2. Execute a targeted approach focused on updating specific funding programs

These actions include proposed inclusion of new FY2021 selections for State of Good Repair Local and VDOT Bridge and Revenue Sharing. Using the flexibility provided by the amendment to Item 430, an allocation restructuring strategy will be implemented for the Revenue Sharing Program in order to utilize previously allocated funds not currently needed to support project delivery to mitigate impacts from the revenue reductions resulting from the COVID-19 pandemic and replace those allocations in FY2021-2024 as necessary to support current project schedules. **No funding commitments will be reduced and no projects will be delayed due to the proposed restructuring strategy.** New FY2021 Revenue Sharing project selections will receive FY2025 and FY2026 allocations. The biennial solicitation cycle for Revenue Sharing will continue with future awards in the last two fiscal years of the SYIP.

3. Do NOT engage all processes and procedures of a typical SYIP update

Certain activities normally associated with the annual SYIP update will be deferred until development of the FY2022-2027 SYIP update, including updates to certain factors applied to funding formulas and full incorporation of legislative changes approved in the 2020 General Assembly Session. The Commonwealth Transportation Board will hold a virtual public hearing on November 24, 2020 at 9:00 a.m. to solicit feedback on the FY2021-2026 SYIP COVID-19 Update.

Link: <http://www.ctb.virginia.gov/planning/fallmeetings/default.asp>

Localities and regional planning bodies are a vital partner in delivering and maintaining the Commonwealth's transportation system. We recognize that many localities are evaluating the impacts of revised revenue forecasts as well. The funding strategy and the SYIP approach that was presented to the CTB in October mitigates the impacts to the transportation agencies from the revenue reductions resulting from the COVID-19 pandemic while maintaining existing funding commitments on approved projects and supporting existing projects schedules.

Thank you for your patience as we continue to work through the impacts of the COVID-19 pandemic on our transportation system and the development of the FY2021-2026 SYIP. I encourage you to contact your VDOT District Engineer if you have questions or concerns.

Sincerely,



Stephen C. Brich, P.E.

Commissioner of Highways

C: Ms. Laura Farmer, Chief Financial Office
Infrastructure Investment Division
VDOT District Engineers

TAC AGENDA 12/8/20; ITEM 7.

FY21 – FY24 TIP AMENDMENTS: VDOT REQUEST

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and recommend to the Richmond Regional Transportation Planning Organization (RRTPO) policy board requests from VDOT to amend the FY21 – FY24 Transportation Improvement Program (TIP) to add 11 new projects.

BACKGROUND: The RRTPO policy board has received a request from VDOT to amend the TIP to add 11 new projects. Amendment details are outlined below:

11 New Projects:

- UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – No obligations
- UPC 116652: #I95 CIP Changeable Message Signs Program UPC – No obligations
- UPC 116653: #I95 CIP Safety Service Patrols Program UPC – No obligations.
- UPC 116654: #I95 CIP Trip Towing Program UPC – No obligation
- UPC 116655: #I-95 CIP Towing Program-Program UPC – No obligations
- UPC 116656: #I95 CIP Variable Speed Limits Program UPC – No obligations
- UPC 116657: #I95 CIP Ramp Metering Program UPC – No obligations
- UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – No obligations
- UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – No obligations
- UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – No obligations
- UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – No obligations

TAC ACTION REQUESTED: The following resolution is presented for TAC review and recommendation to the RRTPO for approval:

RESOLVED, that the Richmond Regional Transportation Planning Organization Policy Board amends the *FY21 – FY24 Transportation Improvement Program (TIP)* adding the following 11 new projects and

BE IT FURTHER RESOLVED, that these projects are considered exempt from conformity under provisions contained in section 93.126 of the conformity rule as follows:

11 New Projects:

- UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) for PE phase. - **Safety**
- UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) for PE phase. - **Other**
- UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) for PE phase. - **Safety**

- UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) for PE phase. - **Safety**
- UPC 116655: #I-95 CIP Towing Program-Program UPC, Statewide. \$1,200,000 Fed AC Other funds (FY20 \$1,200,000) for PE phase. - **Safety**
- UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) for PE phase. - **Safety**
- UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. AC Other funds (FY20 \$5,700,000) for PE phase. - **Safety**
- UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) for PE phase. - **Safety**
- UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) for PE phase. - **Safety**
- UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) for PE phase. – **Mass Transit**
- UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) for PE phase. - **Safety**

Attachments

CAP/jl

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116651

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP CCTV Program UPC-Funding Source only

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:

RW:

CN:

Total: \$15,605,683

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 1 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116652

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Changeable Message Sign Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$3,240,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 2 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116653

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Safety Service Patrols Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$1,516,666

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 3 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116654

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Towing Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$2,200,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 4 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116655

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Towing Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$1,200,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 5 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116656

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Variable Speed Limits

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates	Access	Congestion	Environment
PE:	No	Yes	No
RW:	Yes	No	No
CN:	Yes	Yes	No
Total: \$15,144,615			

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 6 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116657

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Ramp Metering Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates		Access	Congestion	Environment
PE:		No	Yes	No
RW:		Yes	No	No
CN:		Yes	Yes	No
Total:	\$5,700,000			

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 7 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116658

Jurisdiction: Statewide

Route/Street:

Description: # I-95 CIP Geofenced Emergency Notice

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$200,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 8 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116659

Jurisdiction: Statewide

Route/Street:

Description: # I-95 Advanced Work Zone Tech Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$1,000,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 9 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116660

Jurisdiction: Statewide

Route/Street:

Description: # I-95 Regional Multimodal Mobility Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates						
PE:	Access	No	Congestion	Yes	Environment	No
RW:	Freight	Yes	Landuse	No	Maintenance	No
CN:	Safety	Yes	Reliability	Yes	Multimodal	No
Total: \$5,400,000						

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 10 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116661

Jurisdiction: Statewide

Route/Street:

Description: # I-95 Corridor Technology Improvement Program

Scope: Other

From: Various

To: Various

Length:

Administered By: VDOT

Regionally Significant:

No Image Available

MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates

PE:	
RW:	
CN:	
Total:	\$4,300,000

Access	No	Congestion	Yes	Environment	No
Freight	Yes	Landuse	No	Maintenance	No
Safety	Yes	Reliability	Yes	Multimodal	No

Federal Obligations

Phase	Fund Source	Match	Federal Obligations			
			FY21	FY22	FY23	FY24
		\$0	\$0	\$0	\$0	\$0

Amendments

Amd 11 1/7/2021 Approved

1). This is a new project added to the TIP.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Project Amendments - Tracking Records

Amd 1	116651	Statewide	# I-95 CIP CCTV Program UPC-Funding Source only
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 2	116652	Statewide	# I-95 CIP Changeable Message Sign Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 3	116653	Statewide	# I-95 CIP Safety Service Patrols Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 4	116654	Statewide	# I-95 CIP Towing Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 5	116655	Statewide	# I-95 CIP Towing Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 6	116656	Statewide	# I-95 CIP Variable Speed Limits
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 7	116657	Statewide	# I-95 CIP Ramp Metering Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 8	116658	Statewide	# I-95 CIP Geofenced Emergency Notice
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 9	116659	Statewide	# I-95 Advanced Work Zone Tech Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 10	116660	Statewide	# I-95 Regional Multimodal Mobility Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	
Amd 11	116661	Statewide	# I-95 Corridor Technology Improvement Program
1/7/2021	Approved	1). This is a new project added to the TIP. Date Requested 11/5/2020	

TAC AGENDA 12/8/20; ITEM 8.

REGIONAL BICYCLE AND PEDESTRIAN PLAN UPDATE

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: No action is requested. Staff provides this update and requests TAC review and input on the progress to-date by the Regional Bicycle and Pedestrian Plan (BP Plan) Steering Committee to update the 2004 Bike Ped Plan as one component of the ConnectRVA2045 Long-Range Transportation Plan.

BACKGROUND: Formed in January 2020, a steering committee made up of local, state, regional, and advocacy representatives has met regularly throughout the year to guide this in-house planning effort. Individual partner input has been instrumental in identifying major issues and needs, shaping the scope of work and mapping an inventory of existing and proposed infrastructure to identify projects at different levels of scale, duration or complexity. The underlying premise of the plan is to more fully utilize the existing network of roadways, of natural features, development patterns, demographic characteristics, and pieces of infrastructure to knit together a multimodal network more fully capable of supporting a truly regional and active transportation network. Since the last TAC update in June, three steering committee meetings have helped set the plan framework which consists of three primary tools to guide project categorization and priorities, and these will be reviewed with the TAC:

1. Guiding Principles, Vision, Goals, and Objectives
2. Attributes for Bike Ped Projects
3. Bike Ped Projects List

The next step will be for the steering committee to endorse the Vision, Goals, and Objectives and discuss specific performance metrics by which to measure plan performance. We are working with the steering committee to provide quantitative direction related to environmental justice factors, travel patterns, high incident accident locations, and characteristics which will help set priorities and define the level of comfort offered by roadways in the network with the best potential for accommodating non-vehicular traffic.

TAC REQUESTED ACTION: No action is requested. Staff provides this plan framework for the Regional Bicycle and Pedestrian Plan for TAC review and comment. Staff will continue to provide regular updates throughout the program year with the intended completion by mid-2021.

(Link to the [Richmond Regional Bicycle & Pedestrian Infrastructure Map](#))

TAC AGENDA 12/8/20; ITEM 10.

TAC Future Meeting Topics*

Richmond Regional Transportation Planning Organization

Future Meeting Topics

- ConnectRVA 2045 Updates (January)
- RRTPO Project Prioritization Process
- RSTP/CMAQ Update
- SMART SCALE Update
- Bike-Ped Plan Updates
- CVTA Update
- Complete Streets Guidance/Toolbox Update (March 2021)

*Draft: This is not a comprehensive list of considerations and is subject to change.