

# AGENDA

## RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION POLICY BOARD

Thursday, September 3, 2020  
9:30 a.m.

Please join my meeting from your computer, tablet or smartphone.  
<https://global.gotomeeting.com/join/461794085>

You can also dial in using your phone.  
United States: [+1 \(872\) 240-3212](tel:+18722403212)

**Access Code:** 461-794-085

New to GoToMeeting? Get the app now and be ready when your first meeting starts:  
<https://global.gotomeeting.com/install/461794085>

### WELCOME AND INTRODUCTIONS (Paige)

- |      |   |   |
|------|---|---|
| I.   | <b>STATEMENT REGARDING VIRTUAL MEETINGS</b> (Parsons) .....   | 1 |
| II.  | <b>ROLL CALL &amp; CERTIFICATION OF A QUORUM</b> (Parsons) .....<br><b>ACTION REQUESTED</b>   | 1 |
| III. | <b>Recognition of Newly Appointed Member(s) and Alternate(s)</b><br>(Paige) .....<br>Anita Barnhart, Town of Ashland Council Member,<br>RRTPO Policy Board Alternate Member | — |

### A. ADMINISTRATION

- |    |  |     |
|----|--|-----|
| 1. | <b>Approval of RRTPO Policy Board Meeting Agenda</b><br>(Paige) .....<br><b>ACTION REQUESTED</b>               | —   |
| 2. | <b>Approval of July 2, 2020 RRTPO Policy Board Meeting Minutes</b><br>(Paige) .....<br><b>ACTION REQUESTED</b> | 2-9 |
| 3. | <b>Public Comment Period – September 3, 2020 Agenda</b><br>(Paige/5 minutes) .....                             | —   |

#### **4. RRTPO Chair's Report**

- (Paige/5 minutes) ..... –
- a. RRTPO Membership Changes
- i. Technical Advisory Committee (TAC)
- ii. Community Transportation Advisory Committee (CTAC)

#### **5. RRTPO Secretary's Report**

- (Parsons/5 minutes) ..... 10-66
- a. Current Work Efforts
- b. RRTPO Work Status and Financial Report for June 2020
- c. RRTPO Work Status and Financial Report for July 2020
- d. RRTPO Annual Report for FY2020
- e. CVTA Update

### **B. NEW BUSINESS**

#### **1. FY20 Unified Planning Work Program (UPWP) Budget Amendment**

- (Parsons/10 minutes) ..... 67-69
- ACTION REQUESTED***

#### **2. FY21 – FY26 RSTP/CMAQ Allocations**

- (Busching/15 minutes) ..... 70-78
- ACTION REQUESTED***

#### **3. Regional Transit Vision Plan**

- (Jacocks/15 minutes) ..... 79-81
- ACTION REQUESTED***

#### **4. Eighth Annual Transportation Forum**

- (Paige/10 minutes) ..... –
- ACTION REQUESTED***

### **C. AGENCY AND COMMITTEE REPORTS**

#### **1. Transportation Agency Updates**

- (VDOT, DRPT/10 minutes) ..... –
- a. VDOT – Mann
- b. DRPT – DeBruhl

#### **2. Community Transportation Advisory Committee Meeting Report**

- (Basham/10 minutes) ..... 82-84

### **D. OTHER BUSINESS**

#### **1. Public Comment Period - Open**

- (Paige/5 minutes) ..... –

#### **2. Future Meeting Topics**

(Paige/5 minutes) .....	85-86
<b>3. RRTPO Member Comments</b>	
(Paige/5 minutes) .....	—
<b>4. Next Meeting: October 1, 2020</b>	
(Paige) .....	—

## **E. ADJOURNMENT**

CAP/nm  
Attachments

## **Opening Statement for Electronic Meetings**

In light of the 2020 COVID-19 virus and current guidance regarding physical distancing to reduce the potential for spread, meetings of the Richmond Regional Planning District Commissions have transitioned to a virtual format. Regional Public Bodies were granted authority to conduct meetings electronically, pursuant to the 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 do not know the exact duration of the current practice of electronic meetings, we will continue to function in this manner until such time as it is deemed appropriate to return to in-person meetings.

Staff provided notice of this meeting and the means by which we are virtually gathered to members of the public on August 24<sup>th</sup>, 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 during the meeting via email at [rrtpoinput@PlanRVA.org](mailto:rrtpoinput@PlanRVA.org) or by using the online chat functions of the meeting platform. Those individuals who are observing by phone may be called upon to share questions or comments. This meeting agenda includes two opportunities for members of the public to address this body. All comments and questions submitted during the meeting will be reviewed following the meeting and to the extent practical, responses will be provided or posted on the PlanRVA website.

We ask that everyone identify themselves first when speaking so we can more accurately record the activities of the meeting. All lines have been muted by the meeting administrator to minimize additional noise and feedback. You may unmute your line at any time to request acknowledgement from the Chair. Staff will be monitoring the chat functions throughout the meeting to assure we do not overlook anyone wishing to participate, as appropriate, in the discussion.

Does anyone have any questions regarding the process for assuring effective facilitation of this meeting or for how members of the public may participate?

I will now ask our clerk to certify we have followed the approved procedures for appropriate notice of this meeting and the means by which we are convening.

<Pause for Clerk's Response>

Please indicate your presence by saying "AYE" 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.

<Pause for Roll Call>

**Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond**

PlanRVA, 9211 Forest Hill Avenue, Suite 200, Richmond, VA 23235

**RRTPO Policy Board Meeting – September 3, 2020**

## **Agenda Item A.2.**

*Minutes of the July 2, 2020 RRTPO Policy  
Board Meeting*

1

### **REQUESTED ACTION**

*The RRTPO is requested to approve the Minutes of  
the July 2, 2020 RRTPO Policy Board meeting as  
presented.*

**RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION  
POLICY BOARD**

**MINUTES OF ACTION MEETING  
GoToMeeting Virtual Meeting  
July 2, 2020  
9:30 a.m.**

**MEMBERS and ALTERNATES (A) PRESENT:**

<b>Charles City County</b>		<b>Chesterfield County</b>		<b>City of Richmond</b>	
William G. Coada		Kevin P. Carroll	x	Andreas D. Addison	x
		James M. Holland	x	Kimberly B. Gray	x
		Christopher Winslow		Stephanie A. Lynch	
		Leslie Haley (A)		Cynthia I. Newbille	
				Chris A. Hilbert (A)	
				Michael J. Jones (A)	
				Kristen Nye Larson (A)	
				Ellen F. Robertson (A)	
<b>Goochland County</b>		<b>Hanover County</b>		<b>Henrico County</b>	
John L. Lumpkins Jr.	x	Sean M. Davis		Patricia S. O'Bannon	x
Neil Spoonhower	x	W. Canova Peterson IV	x	Frank J. Thornton	x
Susan F. Lascolette (A)		Faye O. Prichard (A)		Thomas Branin (A)	
Todd Kilduff (A) (NEV)	x	J. Michael Flagg (A) (NEV)			
<b>New Kent County</b>		<b>Powhatan County</b>		<b>Town of Ashland</b>	
Patricia A. Paige	x	Larry J. Nordvig		John H. Hodges	x
C. Thomas Tiller Jr.		David T. Williams	x	George F. Spagna (A)	
Thomas W. Evelyn (A)		Bret Schardein (A) (NEV)			
<b>Capital Region Airport Commission</b>		<b>GRTC Transit System</b>		<b>RMTA</b>	
John B. Rutledge		Julie E. Timm	x	Joi Taylor Dean	x
		Sheryl Adams (A)			
<b>Secretary of Transportation or Designee</b>		<b>CTAC</b>		<b>DRPT</b>	
R. Shane Mann		Robert L. Basham Jr. (non-voting)		Jennifer B. DeBruhl (non-voting)	x
Mark E. Riblett (A)	x			Tiffany T. Dubinsky (A) (non-voting)	
<b>FHWA</b>		<b>FTA</b>		<b>RideFinders</b>	
Thomas L. Nelson Jr. (non-voting)		Daniel Koenig (Liason)		Von S. Tisdale (non-voting)	x
Richard Duran (A) (non-voting)	x			Cherika N. Ruffin (A) (non-voting)	
<b>DOAV</b>					
P. Clifford Burnette Jr. (non-voting)					

\*NEV – not eligible to vote

The RRTPO Policy Board 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 GoToMeeting 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) Policy Board Chair, Patricia A. Paige, presided and called the July 2, 2020 RRTPO Policy Board action meeting to order at 9:30 a.m.

### **ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM**

Nicole Mueller, Program Coordinator, took attendance by roll call. Chet Parsons, RRTPO Secretary, certified that a quorum was present.

## **A. ADMINISTRATION**

### **1. Approval of RRTPO Policy Board Meeting Agenda**

On motion of Patricia S. O'Bannon, seconded by James M. Holland, the RRTPO Policy Board unanimously approved the July 2, 2020 meeting agenda as presented (see Appendix A).

### **2. Approval of June 4, 2020 RRTPO Policy Board Meeting Minutes**

On motion of David T. Williams, seconded by W. Canova Peterson IV, the RRTPO policy board unanimously approved the minutes of the June 4, 2020 meeting as presented (see Appendix A).

### **3. Public Comment Period – July 2, 2020 Agenda**

There were no requests to address the RRTPO policy board.

## **B. NEW BUSINESS**

### **2. Action on Transit Work Group**

On motion of W. Canova Peterson IV, seconded by Patricia S. O'Bannon, the Richmond Regional Transportation Planning Organization (RRTPO) policy board unanimously approved the following resolution (see Appendix A):

**RESOLVED**, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board directs the RRTPO Technical Advisory Committee to establish a Transit Work Group to begin immediate work towards development of a regional public transportation plan.

### **3. Action on SMART SCALE: Final Project Pool**

The RRTPO Policy Board made their selection for the ten projects to be moved forward with full applications for Round 4 of Smart Scale. Those projects are listed below. New Kent County requested that RRTPO continue with the applications for both I-64 capacity expansion projects so the initial TAC recommendation moved forward without alteration.

### **Regional Projects for Full Application**

- 6768 Ashland to Petersburg Trail - Chickahominy River Crossing
- 6708 Route 360/Courthouse Road Intersection Improvement
- 6710 A-to-P Trail: Chester Linear Park Ext. & Chester Rd
- 6741 Powhite SB at Chippenham Capacity and Safety Improvements
- 6778 Ashland to Petersburg Trail US 1 Walmsley to Bellemeade
- 6914 Broad Street Streetscape w/ Pulse BRT Expansion Phase I
- 6740 Powhite NB at Chippenham Capacity and Safety Improvements
- 6685 SB 288 Continuous HSR Lane - West Creek Parkway to Route 711
- 6842 I-64 WB Widening (Exit 211 to Exit 205)
- 6841 I-64 EB Widening (Exit 205 to Exit 211)

On motion of John L. Lumpkins, seconded by W. Canova Peterson IV, the Richmond Regional Transportation Planning Organization (RRTPO) policy board unanimously approved the following resolution:

**RESOLVED**, that the Richmond Regional Transportation Planning Organization (TPO) approves the candidate regional projects for SMART SCALE Round 4 applications as presented.

### **D. OTHER BUSINESS**

#### **4. Next RRTPO Policy Board Meeting: September 3, 2020**

Chair Paige announced that on recommendation of the RRTPO Executive Committee the August 6, 2020 meeting will be canceled. The next action meeting will be held on September 3, 2020, beginning at 9:30 a.m. in Richmond, Virginia.

### **C. ADJOURNMENT:**

On motion of John H. Hodges, seconded by James M. Holland, Chair Paige adjourned the meeting at 10:50 a.m. on July 2, 2020.

CAP/nm

## **APPENDIX A**

### **RRTPO Policy Board – Voting Record Tables**

#### **Item A.1. Approval of RRTPO Policy Board Meeting Agenda**

<b>Jurisdiction/Agency (No. of Votes)</b>	<b>Member/Alternate</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
<b>Chesterfield County (4)</b>	James M. Holland (2)	x		
	Kevin P. Carroll (2)	x		
<b>City of Richmond (4)</b>	Kimberly B. Gray (1)	x		
	Andreas D. Addison (1)	x		
<b>Goochland County (2)</b>	Neil Spoonhower (1)	x		
	John L. Lumpkins (1)	x		
<b>Hanover County (3)</b>	W. Canova Peterson (3)	x		
<b>Henrico County (4)</b>	Patricia S. O'Bannon (2)	x		
	Frank J. Thornton (2)	x		
<b>New Kent County (2)</b>	Patricia A. Paige (2)	x		
<b>Powhatan County (2)</b>	David T. Williams (1)	x		
<b>Town of Ashland (1)</b>	John H. Hodges (1)	x		
<b>GRTC (1)</b>	Julie Timm (1)	x		
<b>RMTA (1)</b>	Joi Taylor Dean (1)	x		
<b>Secty Trans Desig (1)</b>	Mark Riblett (A) (1)	x		
<b>TOTAL</b>		22		

The bylaws of the RRTPO policy board define a quorum of the body to be 14 of the 27 total members.

**Item A.2. Approval of June 4, 2020 RRTPO Policy Board Meeting Minutes**

<b>Jurisdiction/Agency (No. of Votes)</b>	<b>Member/Alternate</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
<b>Chesterfield County (4)</b>	James M. Holland (2)	x		
	Kevin P. Carroll (2)	x		
<b>City of Richmond (4)</b>	Kimberly B. Gray (1)	x		
	Andreas D. Addison (1)	x		
<b>Goochland County (2)</b>	Neil Spoonhower (1)	x		
	John L. Lumpkins (1)	x		
<b>Hanover County (3)</b>	W. Canova Peterson (3)	x		
<b>Henrico County (4)</b>	Patricia S. O'Bannon (2)	x		
	Frank J. Thornton (2)	x		
<b>New Kent County (2)</b>	Patricia A. Paige (2)	x		
<b>Powhatan County (2)</b>	David T. Williams (1)	x		
<b>Town of Ashland (1)</b>	John H. Hodges (1)	x		
<b>GRTC (1)</b>	Julie Timm (1)	x		
<b>RMATA (1)</b>	Joi Taylor Dean (1)	x		
<b>Secty Trans Desig (1)</b>	Mark Riblett (A) (1)	x		
<b>TOTAL</b>		22		

## Item B.2. Transit Work Group

<b>Jurisdiction/Agency (No. of Votes)</b>	<b>Member/Alternate</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
<b>Chesterfield County (4)</b>	James M. Holland (2)	x		
	Kevin P. Carroll (2)	x		
<b>City of Richmond (4)</b>	Kimberly B. Gray (1)	x		
	Andreas D. Addison (1)	x		
<b>Goochland County (2)</b>	John L. Lumpkins (2)	x		
<b>Hanover County (3)</b>	W. Canova Peterson (3)	x		
<b>Henrico County (4)</b>	Patricia S. O'Bannon (2)	x		
	Frank J. Thornton (2)	x		
<b>New Kent County (2)</b>	Patricia A. Paige (2)	x		
<b>Powhatan County (2)</b>	David T. Williams (1)	x		
<b>Town of Ashland (1)</b>	John H. Hodges (1)	x		
<b>GRTC (1)</b>	Julie Timm (1)	x		
<b>RMTA (1)</b>	Joi Taylor Dean (1)	x		
<b>Secty Trans Desig (1)</b>	Mark Riblett (A) (1)	x		
<b>TOTAL</b>		22		

### Item B.3. SMART SCALE Round 4 Regional Project Selection

<b>Jurisdiction/Agency (No. of Votes)</b>	<b>Member/Alternate</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
<b>Chesterfield County (4)</b>	James M. Holland (2)	x		
	Kevin P. Carroll (2)	x		
<b>City of Richmond (4)</b>	Andreas D. Addison (1)	x		
<b>Goochland County (2)</b>	Neil Spoonhower (1)	x		
	John L. Lumpkins (1)	x		
<b>Hanover County (3)</b>	W. Canova Peterson (3)	x		
<b>Henrico County (4)</b>	Patricia S. O'Bannon (2)	x		
	Frank J. Thornton (2)	x		
<b>New Kent County (2)</b>	Patricia A. Paige (2)	x		
<b>Powhatan County (2)</b>	David T. Williams (1)	x		
<b>Town of Ashland (1)</b>	John H. Hodges (1)	x		
<b>GRTC (1)</b>	Julie Timm (1)	x		
<b>RMTA (1)</b>	Joi Taylor Dean (1)	x		
<b>Secty Trans Desig (1)</b>	Mark Riblett (A) (1)	x		
<b>TOTAL</b>		21		

## Agenda Item A.5.

*RRTPO Secretary's Report*

2

### **NO ACTION REQUESTED – INFORMATION ITEM**

*RRTPO Secretary, Chet Parsons, will review items in the RRTPO Secretary's Report included under this agenda tab.*

- a. Current Work Efforts..... pages 11-12*
- b. RRTPO Work Status and Financial  
Report for June 2020 ..... pages 13-19*
- c. RRTPO Work Status and Financial  
Report for July 2020..... pages 20-29*
- d. RRTPO Work Status and Financial  
Report for FY2020 ..... pages 30-66*

## **Current Work Efforts Update – Item A.5.a.**

### **ConnectRVA 2045 Long-Range Transportation Plan**

Staff is working to develop transportation projects based on the approved issues/needs as identified in Task 1. Staff will develop the projects for issues which have a project solution based on completed or ongoing studies and plans to send the first cut list to the LRTP Advisory Committee (AC) members for their review. Once the list of projects is completed and vetted by the AC it will be posted online for a two-week formal public review period. After the completion of public review period, it will come back to the AC for approval. Based on the timeline of the schedule for approval, the list of transportation projects is anticipated to be completed by October-November. Staff also posted an online survey asking participants to share their transportation priorities for 2045. We received over 450 responses to date. A companion survey is in development asking participants to share their Vision and Goals for ConnectRVA 2045. This survey is expected to be live in early August and will be shared widely to encourage participation.

### **Greater RVA Transit Vision Plan: Near-Term Strategic Technical Analysis**

Five corridors or corridor segments have been identified for further analysis of service alternatives with varying capital and operating costs to lay the groundwork for determining a return on investment. The GRTC board was briefed on the cost analysis at their June 16<sup>th</sup> meeting. Technical Memo 2 has been reviewed by the steering committee, and the CTAC was briefed on July 16<sup>th</sup>. The TAC reviewed the technical analysis and agreed to refer the plan by resolution of approval to the TPO Policy Board for review and consideration for adoption. A story map that provides an overview of the process, recommendations and implementation guidance is also on the TPO Policy Board agenda for the September meeting.

### **Ashland Trolley Line Trail Study**

The Ashland Trolley Line Trail advisory group is working in concert with the VDOT Ashland to Petersburg Trail Study. 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. Staff continues to work with the National Park Service, Rivers, Trails, and Conservation Assistance program to discuss the scope of work for the upcoming FY21. Additional design assistance is being planned with the NPS help to engage the Virginia Chapter of the American Society of Landscape Architects and Virginia Tech through studio projects in the Fall semester. These efforts have led to the ongoing development of two story maps for the project; one on the [history of the trolley line](#) and a second is a [design sketchbook](#).

### **Regional Bicycle and Pedestrian Plan Update**

The [story map](#) of existing infrastructure, bike/ped features and statistics on bike/ped injuries and fatalities in the region has been completed and continues to be updated and refined. Staff has scheduled a fourth steering committee meeting for Sept. 15 to further review local priorities, future plans, and regional priority corridors as a

foundation for depicting a regional network supported by clear goals, objectives and measures of performance that define regional impact and establish a strategy for implementation. Staff is working to schedule smaller committee meetings between localities.

### **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. Staff continues to develop and update an illustrated [story map](#) to accompany this effort.

### **Active Transportation Work Group (ATWG)**

Staff scheduled the next meeting of the ATWG for Sept. 8 and has begun working on the agenda and scheduling a presenter. Staff continues to work with Henrico County’s Active Transportation Work Group, which is designed to advise the planning for a bicycle and pedestrian chapter of the county comprehensive plan.

### **Vision Zero Work Group**

The second meeting for the newly created Vision Zero Work Group was held August 13, 2020 as a virtual meeting. Following the direction established at the June kickoff meeting, the group discussed adoption of a Vision and Mission statement and formation of local jurisdiction commissions with emphasis placed on training/resources, safety messaging, and analysis of serious crash outcomes. The comfort level was not sufficient among the group to take action on adopting vision and mission statements at the time, so it will be placed back on the agenda for further discussion at a future meeting.

### **American Planning Association-Virginia Chapter Annual Conference**

Themed “We’ll Get You Moving” representing the focus on multi-modal transportation, the in-person, [annual APA Virginia Chapter conference](#) previously scheduled in Richmond for will now be a virtual format during the week of October 12. (The Richmond conference will be rescheduled for 2022.) Production of pre-recorded sessions and format is now being planned by the conference planning committee and log-in registration information will be posted soon.

### **SMART SCALE Round 4**

Staff worked with local government staff and VDOT to complete full applications in time for the application deadline of August 17, 2020. The RRTPO Policy Board took action on July 2, 2020 to approve the final list of ten regionally significant projects.

## **RRTPO WORK STATUS REPORT – JUNE 2020**

### **7100 Program Management**

- Developed agenda packages for the RRTPO policy board and Technical Advisory Committee
- Distributed agenda packets and held meetings virtually due to COVID-19 restrictions. Meeting materials can be found here: <https://planrva.org/transportation/meeting-agendas-minutes-and-presentations-tpo/>
- Staff support for the RRTPO policy board and Technical Advisory Committee for the month of June
- Coordinated staffing on current work tasks and ensured completion of time-sensitive activities
- Developed the draft agenda and supporting materials for the July 16, 2020 CTAC meeting. Also updated the list of proposed future meeting topics.

### **7310 Long-Range Transportation Plan (ConnectRVA 2045)**

#### *Data, Analysis & Mapping:*

- Developed a regional goals and priorities survey for a more substantial approach to get public involved in the development of the vision and goals for the LRTP – ConnectRVA 2045. Here is the [link](#) to the survey.
- Continued groundwork and participation in the internal staff meetings to develop various tasks for the LRTP – including project development, project prioritization process, accessibility tool, document design and environmental justice analysis.
- Held regular internal team meetings of our LRTP core group, public engagement outreach team, and other continuation activities of the LRTP.
- Continued work to develop and review the first draft for the 2020 *Richmond Region Bridge and Culvert Study*. This was also presented to the TAC
- Inquired of, received and shared publication guidelines from the staff of the Virginia Transportation Research Council

### **7320 Regional Travel Demand Model (RTDM)**

#### *Consultant Support*

- Attended web-based meetings to discuss the New RTC model and its additions (Task Order 6)
- Attended web-based meetings to discuss the development of Land Use Allocation Model (Task Order 7).
- Developed a framework for Task Order 8. The aim of the task is to create a RTC model-based project prioritization tool to be used in ConnectRVA 2045. Other additional components include development of a accessibility and an economic analysis tool.

- Attended web-based meeting with the consultants to discuss the development of the scope for Task Order 8.
- Reviewed on-call consultant invoice and developed invoice cover memo for the one delivered on June 27, 2020

### **7330 Transit**

#### *Greater Richmond Transit Vision Plan: Near-Term Strategic Technical Analysis*

- Web site landing page (<https://planrva.org/transportation/greater-rva-transit-vision-plan/>) includes Technical Memo 1 and 2 with analysis support provided to the steering committee for selecting the five corridors of focus:
  1. Broad Street-Short Pump (Willow Lawn to Bon Secours Short Pump)
  2. Midlothian Turnpike (CBD to Chesterfield Town Center)
  3. West End South (CBD to Regency Square)
  4. Airport via Route 60 (CBD to Richmond Airport)
  5. Route 1 to Ashland (CBD to Parham Road)
- Technical Memo 2 covering Service Plan options, O&M and Capital Cost analysis for the five selected corridors is under review by the steering committee until July 10th.
- A story map of the recommendations is being prepared by RRTPO staff to use for final presentations to the TAC, TPO Policy Board and GRTC board.

### **Paratransit and CHSMP**

- Participated in the June 4 Shared Use Mobility Summit webinar, “Human Services Transportation-Making Mobility as a Service Universal,” the June 25 National Aging and Disability Transportation Center webinar, “North Front Range MPO Project Miles Multi-Provider Coordination in Larimer County, Colorado.”
- Reviewed the Senior Connections four-year Area Plan for Aging Services, and provided comments to Senior Connections Support Services and Advocacy Director Marge Boynton
- Participated in the June 23 virtual meeting of the LogistiCare Advisory Board. The meeting included a discussion of managing Medicaid NEMT through a pandemic, safety measures that have been instituted in response to the pandemic, preparing for re-opening, and new protocols that have been instituted to protect drivers and passengers.
- Spoke with Tanya Castle of Spare Labs, Inc., a transportation services software company, on June 12 concerning the state of human services transportation in the Richmond area.
- Participated in the June 25 virtual meeting of the Longevity Equity Task Force of the Greater Richmond Age Wave. The primary discussion topics included seniors’ use of online resources and technical disparities that may limit such use; issues related to re-entry to worksites, senior centers and public transportation following the lifting of restrictions associated with COVID-19; and suggestions for

other individuals that should be invited to participate in the work of the task force.

## **7340 Active Transportation: Bicycle and Pedestrian**

### *Active Transportation Work Group*

- Staff participated with Henrico County's active transportation work group, which meets monthly and is designed to advise the county in the development of a new bicycle and pedestrian chapter in the county's comprehensive plan, which is currently being updated.

### *Richmond Regional Bicycle and Pedestrian Plan*

- A steering committee meeting was held on June 23. Staff updated the committee on the progress, shared some of the data and mapping updates, and laid the groundwork for the next steps in the planning process.
- Staff continued to collect photos of bicycle and pedestrian infrastructure from throughout the Richmond region to help with the plan update and other active transportation related projects.
- Staff continues to write and edit sections of the update to the plan in preparation for review by the steering committee.
- Continued to update a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike. Committee continues to update a WikiMap shared by the LRTP.
- Updated the steering committee via email with new information to review for update of the 2004 plan and provide links to all information sharing and crowdsourcing websites.

### *Town of Ashland pilot project and regional guidance for Complete Streets*

- Staff continues to work on the illustrative guideline tool box of complete streets best practices for use by the localities in their own planning work and to support implementation of the regional bicycle and pedestrian plan; to be added to the Story Map. The plan was presented to the TAC committee and Policy Board.

### *Ashland Trolley Line Trail / Ashland to Petersburg Trail*

- PlanRVA staff continues to participate in events designed to develop a name and branding for the proposed Ashland to Petersburg Trail.
- Developing a Story Map in coordination with the National Park Service's assistance with the Trolley Line Trail.
- Working with the National Park Service and representatives from the Virginia chapter of the America Society of Landscape Architects (ASLA) and Virginia Tech to secure landscape architecture support for design of the Trolley Line Trail.

## **7410 Performance Based Transportation Planning**

### *System Performance*

- Created a dashboard to track various PlanRVA transportation related metrics and the changes in those metrics due to the COVID-19 pandemic. The dashboard is on the Transportation home page of the PlanRVA website. The interactive dashboard was created using Tableau. Statistics are updated when available.

## **7420 Transportation Improvement Program (TIP)**

### *Development*

- The RRTPO FY21 – FY24 TIP was approved by RRTPO on 6/4/20 and submitted to VDOT on 6/15/20. Reviewed number of projects, cost, and transportation system in SMART SCALE 4 pre-applications, and found the following:
  - Projects
  - Total statewide projects: 484 projects
  - Richmond District projects: 98 projects (20.3%)—The largest number of projects among 9 VDOT Districts
  - Cost
  - Total cost: \$7.5 billion
  - Cost on Richmond District: \$937.6 million (12.5%)
  - System
  - Highway projects: 365 projects (75.4%)
- TAC discussed and selected 10 final projects among 12 pre-application projects at 6/25/20 special TAC meeting. After TPO approval on 10 projects at 7/2/20 TPO meeting, the projects will be submitted to VDOT. The submission period of final projects application is from 6/19 to 8/3/20.

### *Maintenance*

- Based on TIP adjustment requests from VDOT on 5/5, 5/7, and 5/19/20, the TIP adjustments for 12 projects were conducted and submitted to VDOT on 6/9/20 as follows:
  - UPC 59166: Rte 607 (Wayside Rd) Minor Widening-Charles City County
  - UPC 102952: Rte 10 Widening from I-95 to Rte 1-Chesterfield County
  - UPC 104890: Rte 360 E Widening from Lonas Pkwy to Castle Rock Rd-Chesterfield County
  - UPC 56181: Rte 33 Add Left Turn Lanes at Rte 623 (Ashland Rd)-Hanover County
  - UPC 81667: Rte 615 (Creighton Rd) Roundabout-Hanover County
  - UPC 103014: Rt 623 (Cedar Ln) Improve Intersection at Rt 1-Hanover County
  - UPC 104875: Rte 606 (Studley Rd) Roundabout-Hanover County
  - UPC 60933: Rte 9999 Dabbs House Rd Reconstruction from Nine Mile Rd to E Richmond Rd-Henrico County
  - UPC 104887: Rte 60 Bridge Rehabilitation at Rte 161 (Belt Blvd) -City of Richmond

- UPC 106246: Cannon Creek Greenway Pedestrian & Bicycles from Valley Rd to Hospital Rd-City of Richmond
- UPC 114631: RMT Emergency Bulkhead Repair-Port of Richmond.
- UPC 111466: I-95 Aux Lanes (nb & sb) from Rte 288 to Rte 10 -Chesterfield County

The updated TIP was placed on the RRPDC web site.

- Based on TPO approval for 14 TIP amendment projects at the 6/4/20 TPO meeting, the amendment documents were submitted to VDOT on 6/9/20 as follows:
  - UPC 116597: #I95 CIP Project Refinement - Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  - UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) will be used for PE phase.
  - UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) will be used for PE phase.
  - UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) will be used for PE phase.
  - UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) will be used for PE phase.
  - UPC 116655: #I95 CIP Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$1,200,000) will be used for PE phase.
  - UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) will be used for PE phase.
  - UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. Fed AC Other funds (FY20 \$5,700,000) will be used for PE phase.
  - UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) will be used for PE phase.
  - UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  - UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) will be used for PE phase.
  - UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) will be used for PE phase.
  - UPC RRTPO000: Maintenance: Preventive Maintenance for Bridge; Grouping -Districtwide. BR, NHS/NHPP, STP/STBG funds (\$49,044,410) will be used.
  - UPC 109260: Hanover County Pole Green Rd Widening from Bell Creek Road to Rural Point Road. AC/ AC Conversion funds (\$1,600,000) will be used for PE phase.

The updated TIP was placed on the RRPDC web site.

- Based on TIP adjustment requests from VDOT on 5/7 and 5/28/20, the adjustment documents for two projects were submitted to VDOT on 6/23/20 as follows:
  - UPC 103393: Trolley Line Trail from Maple St Ext to Trolley Line Trail Park-Town of Ashland
  - UPC 60934: Rte 9999 Sadler Rd Widen & Reconstruction from Dominion Blvd to Cedar Forest Rd- Henrico CountyThe updated TIP was placed on the RRPDC web site.

#### *RSTBG and CMAQ*

- Continued to review potential FY21 – FY26 RSTBG and CMAQ existing and new projects and allocations.

### **7430 Rail, Freight, Intermodal Planning**

#### *Staples Mill Road Station Advance Planning and Design Study*

- Staff is serving on a stakeholders group for this study funded and supported by DRPT. The Station and the station area are the focus of the study, and meetings held in May and June to explore opportunities for a transit-oriented development of the Staples Mill corridor.
- Final presentation by the consultant for review and input from the stake holders group is scheduled for July 17<sup>th</sup>. This will include both the conceptual design of the station as well as the corridor cross-sections.
- Consultant team plans to complete preliminary engineering in September 2020.

**TPO**  
**PL/Section 5303 Financial Status Report for June FY20**

Project Name/UPWP Work Task Staff	Funding Sources				% of funding	Total Expenditures to Date	Percent of Budget Spent	Balance Remaining
		APR 20	MAY 20	JUN 20				
<b>7110 Program Management</b>	PL	\$ 7,486	\$ 6,723	\$ 6,966	80%	\$ 124,056		\$ 7,944
	Sec. 5303	\$ 1,771	\$ 1,681	\$ 1,528	20%	\$ 27,712		\$ 0
RRPDC	TOTAL	\$ 9,258	\$ 8,404	\$ 8,494		\$ 151,767	92%	\$ 7,945
<b>7120 UPWP, Budget, &amp; Contract Admin</b>	PL	\$ 3,724	\$ 2,120	\$ 1,813	52%	\$ 22,802		\$ 1,619
	Sec. 5303	\$ 3,438	\$ 1,956	\$ 1,673	48%	\$ 21,051		\$ (0)
RRPDC	TOTAL	\$ 7,162	\$ 4,076	\$ 3,486		\$ 43,853	93%	\$ 1,619
<b>7210 Public Outreach &amp; Equity Analysis</b>	PL	\$ 8,303	\$ 10,492	\$ 11,596	85%	\$ 103,959		\$ (6,209)
	Sec. 5303	\$ 1,465	\$ 1,852	\$ 2,046	15%	\$ 18,321		\$ 6,530
RRPDC	TOTAL	\$ 9,768	\$ 12,344	\$ 13,642		\$ 122,280	106%	\$ 321
<b>7280(7220) Special Planning Efforts</b>	PL	\$ 5,985	\$ 12,140	\$ 7,215	100%	\$ 73,007		\$ 25,993
RRPDC	TOTAL	\$ 5,985	\$ 12,140	\$ 7,215		\$ 73,007	74%	\$ 25,993
<b>7230 Contingency Funding</b>	PL	\$ 12,165	\$ -	\$ -	100%	\$ 12,165		\$ 26,693
RRPDC	TOTAL	\$ 12,165	\$ -	\$ -		\$ 12,165	31%	\$ 26,693
<b>7310 Long-Range Transportation Plan</b>	PL	\$ 32,968	\$ -	\$ -	80%	\$ 242,096		\$ (0)
	Sec. 5303	\$ 11,122	\$ -	\$ -	20%	\$ 60,192		\$ 332
	Sec. 5303-CO	\$ -	\$ 51,868	\$ 47,570		\$ 99,438		\$ -
	TOTAL	\$ 44,090	\$ 51,868	\$ 47,570		\$ 401,726	97%	\$ 332
<b>7320 Trvl Demand Model &amp; Emis Analy</b>	PL	\$ 12,904	\$ 12,189	\$ 7,561	95%	\$ 106,855		\$ 111,645
	Sec. 5303	\$ -	\$ -	\$ 1,718	5%	\$ 13,218		\$ (0)
	Other (RSTP)	\$ 28,412	\$ 50,161	\$ 37,503	0%	\$ 116,076		\$ 133,924
RRPDC	TOTAL	\$ 41,316	\$ 62,350	\$ 46,782		\$ 236,149	49%	\$ 245,569
<b>7330 Transit</b>	PL	\$ 4,606	\$ 11,520	\$ 24,604	31%	\$ 148,971		\$ 22,529
	Sec. 5303	\$ 33,020	\$ -	\$ (7,956)	69%	\$ 270,523		\$ (0)
	Sec. 5303-CO	\$ -	\$ -	\$ -		\$ 10,330		\$ -
	TOTAL	\$ 37,626	\$ 11,520	\$ 16,648		\$ 429,824	97%	\$ 22,529
<b>7340 Active Transport - Bicycle &amp; Ped</b>	PL	\$ 11,195	\$ 7,620	\$ 2,482	85%	\$ 171,704		\$ 21,796
	Sec. 5303	\$ (4,453)		\$ -	15%	\$ 31,500		\$ (0)
	Sec. 5303-CO	\$ 8,700				\$ 22,065		\$ 0
	TOTAL	\$ 15,442	\$ 7,620	\$ 2,482		\$ 225,270	90%	\$ 21,795
<b>7350 Systems Resilience Plan</b>	PL	\$ 15,017	\$ 16,445	\$ 19,326	100%	\$ 70,837		\$ 39,845
	TOTAL	\$ 15,017	\$ 16,445	\$ 19,326		\$ 70,837	64%	\$ 39,845
<b>7410 Performance Based Transport Plan</b>	PL	\$ 8,451	\$ 4,723	\$ 4,120	85%	\$ 84,240		\$ 13,510
	Sec. 5303	\$ 1,392	\$ 834	\$ 530	15%	\$ 14,001		\$ 3,249
	TOTAL	\$ 9,843	\$ 5,557	\$ 4,650		\$ 98,241	85%	\$ 16,759
<b>7420 Financial Program/Transport Improv P</b>	PL	\$ 24,202	\$ 19,402	\$ 23,134	95%	\$ 281,963		\$ 662
	Sec. 5303	\$ 1,274	\$ 1,021	\$ 1,218	5%	\$ 14,841		\$ 34
	TOTAL	\$ 25,476	\$ 20,423	\$ 24,352		\$ 296,803	100%	\$ 697
<b>7430 Rail, Freight &amp; Intermodal Planning</b>	PL	\$ 324	\$ 108	\$ -	40%	\$ 2,407		\$ 1,793
	Sec. 5303	\$ 487	\$ 163	\$ -	60%	\$ 4,153		\$ 196
RRPDC	TOTAL	\$ 811	\$ 271	\$ -		\$ 6,560	62%	\$ 1,989
<b>Total All Projects</b>		\$ 233,960	\$ 213,018	\$ 194,647	\$ -	2,168,482		\$ 412,086

	Funding Source				FY20 Spent To Date	Percent Spent	Balance
	PL	\$ 147,331	\$ 103,482	\$ 108,817	66%	\$ 1,445,061	\$ 267,821
	Sec. 5303	\$ 49,516	\$ 7,506	\$ 757	18%	\$ 475,512	\$ 10,341
	Sec. 5303-CO	\$ 8,700	\$ 51,868	\$ 47,570	6%	\$ 131,833	\$ 0
	Other	\$ 28,412	\$ 50,161	\$ 37,503	10%	\$ 116,076	\$ 133,924
<b>GRAND TOTAL</b>		\$ 233,960	\$ 213,018	\$ 194,647	100%	\$ 2,168,482	\$ 412,086
(1) FY20 UPWP budget approved June 27,2019; Amended May 12, 2020							
(2) Internal amendment on 7/16/20							



## Work Program Status Report July 2020

PlanRVA

9211 Forest Hill Avenue, Suite 200

Richmond, Virginia 23235

MAIN 804.323.2033 | WEB [WWW.PLANRVA.ORG](http://WWW.PLANRVA.ORG)

The RRTPO Work Program Progress Report provides a short summary of each activity for the month of July 2020. Please reference the [2021 UPWP](#) for details concerning the approved budget and work description for each task. Table 1 identifies all the tasks in the UPWP and the associated budget.

Table 1 summarizes overall federal and local revenues budgeted by PlanRVA in FY 2021 to support the work of RRTPO. Federal funds budgeted constitute 80 percent of the total; State and local matching funds constitute 20 percent, unless otherwise noted.

TABLE 1. SUMMARY OF FY 2021 RRTPO UPWP BUDGET

Work Task	RRTPO Budget				TOTAL
	PL	5303	CO 5303	OTHER (I)	
	Total	Total	Total	Total	
7110 Program Management	145,661	67,619	-	-	213,280
7120 UPWP, Budget, and Contract Administration	45,242	7,873	-	-	53,115
7210 Public Outreach and Equity Analysis	147,980	56,457	-	-	204,437
7220 Special Planning Efforts	53,813	-	-	-	53,813
7230 Contingency Funding	16,584	-	30,000	-	46,584
7310 Metropolitan Transportation Plan	370,904	134,734	-	-	505,637
7320 Travel Demand Modeling & Emission Analysis	120,935	48,062	-	593,550	762,547
7330 Transit	47,310	137,265	-	-	184,575
7340 Active Transportation- Bicycle & Pedestrian	145,615	23,201	-	-	168,816
7350 Systems Resilience Plan	105,285	-	-	-	105,285
7410 Performance Based Transportation Planning	66,441	20,515	-	-	86,955
7420 Financial Programming/ Transportation Improvement Program	305,928	20,354	-	-	326,282
7430 Rail, Freight & Intermodal Planning	14,621	8,959	-	-	23,579
7500 Rural Transportation	-	-	-	72,500	72,500
<b>TOTAL (\$)</b>	<b>1,586,320</b>	<b>525,038</b>	<b>30,000</b>	<b>666,050</b>	<b>2,807,408</b>

(I) 7320 funds are RSTBG funds for travel demand model development and scenario planning, 7500 funds are PlanRVA allocated rural transportation funds shown for reference

## 7100 Program Management

7100	BUDGET	Billed this month	% Funds Expended	UPWP Page
Program Management	\$213,280	\$25,082	12%	10

- Developed agenda packages for the RRTPO policy board, Community Transportation Advisory Committee and Technical Advisory Committee
- Distributed agenda packets and held meetings virtually due to COVID-19 restrictions. Meeting materials can be found here: <https://planrva.org/transportation/meeting-agendas-minutes-and-presentations-tpo/>
- Staff support for the RRTPO policy board, Community Transportation Advisory Committee and Technical Advisory Committee for the month of July
- Coordinated staffing on current work tasks and ensured completion of time-sensitive activities
- Met virtually with CTAC Vice-Chair Bob Basham, Chet Parsons and Nicole Mueller on July 2 to review and finalize the agenda for the July 16 CTAC meeting. Prepared a staff report for the CTAC meeting for inclusion in the August TAC agenda packet
- Reviewed and edited the TPO/TAC staff report for inclusion in the July 16 CTAC agenda packet.
- On July 9 contacted Mark Riblett of the VDOT Richmond District VDOT office about arrangements for the September 17 CTAC meeting and tour of the District Traffic Operations Center
- Participated in the July 16 VCU Health webinar “Keeping Your Team Safe.” Prepared a summary of the major points presented by the various speakers
- Participated in the July 23 VAPDC virtual program, “Transportation and Mobility Reimagined-Making Transportation Future Reality.” The program featured remarks by GRTC CEO Julie Timm and VDOT Commissioner Stephen Birch. Ms. Timm spoke about the essential nature of public transportation, how COVID-19 had impacted GRTC operations and finances, and how public transit had become a focus of anger and inequality that was manifested in the burning of a BRT bus. Mr. Birch addressed how VDOT had been impacted by and had responded to the recent pandemic. He noted that he expects a maximum of 20% of the staff will return to VDOT offices, and this figure may increase to 40%. However, Birch noted that he expects that a maximum of 60 % of the workforce will be in the office, which will result in a re-thinking of office space needs.
- Participated in a July 24 virtual meeting with VCU MURP student Rebekah Cazares concerning her graduate study professional plan. Followed up by providing additional written comments and suggestions as well as links to several publications and websites

## **7310 Long-Range Transportation Plan (ConnectRVA 2045)**

7310	BUDGET	Billed this month	% Funds Expended	UPWP Page
L RTP	\$505,638	\$44,025	9%	16

### *Data, Analysis & Mapping:*

- Staff is working to develop transportation projects based on the approved issues/needs as identified in Task 1. Staff will develop the projects for issues which have a project solution based on completed or ongoing studies and plans to send the first cut list to the LRTP Advisory Committee (AC) members for their review.
- Continued groundwork and participation in the internal staff meetings to develop various tasks for the LRTP – including project development, project prioritization process, accessibility tool, document design and environmental justice analysis
- Participated in the July 1 webinar “Speeding Up Slow Streets Projects.” The webinar, which was sponsored by the Ohio APA, featured case studies of temporary bicycle and pedestrian facilities in East Providence, Rhode Island, Arlington, MA., and Milan, Italy. Among the points made by the presenters were the need to accommodate increased walking and biking activity that is associated with the COVID-19 pandemic; the projects should improve bike/pedestrian safety, awareness and connectivity; projects should be in the form of pilots and include public input; and institution of slow street measures may require overcoming car-centric highway design standards.
- Reviewed various examples of Metroquest online surveys and prepared a list of comments as to how to adapt the surveys to obtain input on ConnectRVA 2045
- Participated in the July 9, 2020 VAPDC Summer Series Program, “The Other Side of COVID-19.” The program featured a presentation by John Martin of Southeastern Institute of Research on the seven emerging trends fueled by COVID-19 and the Social Justice Movement: (1) Be resilient; (2) Take care; (3) Value all; (4) Go team; (5) Hyper-connect; (6) Get local; and (7) Live here-work there.
- Participated in July 10 AMPO Environmental Justice Peer Exchange and prepared a summary of the various presentations.
- Participated in the July 14 virtual meeting of the Long-range Transportation Plan Public Engagement Committee. The primary discussion topics included a review of the long-range plan web portals from the Delaware, Orlando, Charlotte and Boston MPO’s; development of an initial draft of a Metroquest survey; and FaceBook ad posting features and options
- Reviewed and offered comments on the content of a preliminary Metroquest survey related to the ConnectRVA 2045 goals
- Participated in the July 22, 2020 Eno Center for Transportation presentation, “Road to Recovery: DIY City-How Small Actions Can Solve Big Problems.” The presentation featured a moderated discussion by Don Chen and Shelley Poticha of Hank Dittmar’s book, *DIY City*. Among the points made by the speakers were small actions can help

solve big problems, more creative and inclusive techniques are needed to solve urban problems, and the monetization of urban real estate has not contributed to an environment that benefits all individuals.

### **7320 Regional Travel Demand Model (RTDM)**

7320	BUDGET	Billed this month	% Funds Expended	UPWP Page
RTDM	\$762,547	\$10,142	1%	17

#### *Consultant Support*

- Reviewed the draft documentation report for E+C Model Scenario Runs (Task Order 6)
- Attended web-based meetings to discuss the development of Land Use Allocation Model (Task Order 7).
- Reviewed on-call consultant invoice and developed invoice cover memo for the one delivered on July 22, 2020.

### **7330 Transit**

7330	BUDGET	Billed this month	% Funds Expended	UPWP Page
Transit	\$184,575	\$12,748	7%	18

#### *Greater Richmond Transit Vision Plan: Near-Term Strategic Technical Analysis*

- Web site landing page (<https://planrva.org/transportation/greater-rva-transit-vision-plan/>) includes Technical Memo 1 and 2 with analysis support provided to the steering committee for selecting the five corridors of focus:
  1. Broad Street-Short Pump (Willow Lawn to Bon Secours Short Pump)
  2. Midlothian Turnpike (CBD to Chesterfield Town Center)
  3. West End South (CBD to Regency Square)
  4. Airport via Route 60 (CBD to Richmond Airport)
  5. Route 1 to Ashland (CBD to Parham Road)
- Technical Memo 2 covering Service Plan options, O&M and Capital Cost analysis for the five selected corridors reviewed by the steering committee and edits included in final draft.
- A story map of the recommendations is being prepared by RRTPO staff to use for final presentations to the TAC, TPO Policy Board and GRTC board. TAC previewed at their meeting on August 11. Next step is to review with the TPO Policy Board on September 3, 2020 when they consider taking final action on the plan.
- Reviewed the following documents:
  - Ridesharing in North America-Past, Present & Future
  - Ridesharing as a Complement to Transit

- The Smart/Connected City and its Implications for Connected Transportation
  - Autonomous Vehicle Technology: A Guide for Policymakers
- Reviewed the agenda packet for the July 21 GRTC Board of Directors meeting. Participated in the Board's virtual meeting and prepared a summary of the Board's deliberations and decisions
- Participated in the July 23 GRTC virtual public meeting related to nine route service changes that will occur in September. Approximately 20 people participated in the meeting, which was facilitated by Adrienne Torres and Carrie Rose Pace. It was noted that the route changes were originally scheduled to take effect in May of 2020 but were deferred due to the pandemic. The service changes involve increasing the frequency of three routes and alignment changes on five routes.

*Paratransit and CHSMP*

- Reviewed the paper "Coordinated Public Transit-Human Services Transportation Planning: Findings and Recommendations" and provided suggested edits to Jimmy Chen of VCU's Department of Urban and Regional Planning.
- Participated in the July 9 virtual meeting of the Senior Connections Advisory Council. Briefed the Council on the ConnectRVA 2045 goals and priorities survey, the July 16 CTAC meeting, the VDRPT grant to develop a statewide transportation navigator resource, and the Section 5310 grants awarded to Richmond area agencies and organizations. Followed up by e-mailing Marge Boynton links to the July 16 CTAC meeting packet, the press release concerning the VDRPT project, and the ConnectRVA 2045 survey.
- Participated in the July 9 virtual meeting of the Hanover Human Services Network. Briefed the participants on the ConnectRVA 2045 goals and priorities survey, the July 16 CTAC meeting, the VDRPT grant to develop a statewide transportation navigator resource, and the Section 5310 grants awarded to Richmond area agencies and organizations. Followed up by forwarding to Lisa Adkins links to the CTAC meeting packet, the press release concerning the VDRPT project and the ConnectRVA 2045 survey
- In response to an announcement concerning the July 29 meeting of the New Kent Outreach Council, forwarded to Nancy Goodman links to the ConnectRVA2045 goals and priorities survey and the press release concerning the VDRPT grant to develop a transportation navigator resource.
- Participated in the July 13 VDRPT Human Services Grant Application webinar and prepared a summary of the major points from the presentation.
- Participated in the July 14 virtual meeting of the Healthy Hanover Coalition. Briefed the participants on the ConnectRVA 2045 goals and priorities survey, the July 16 CTAC meeting, the VDRPT grant to develop a statewide transportation navigator resource, and the Section 5310 grants awarded to Richmond area agencies and organizations. Followed up by forwarding to Caitlin Hodge links to the CTAC meeting packet, the press release concerning the VDRPT project and the ConnectRVA 2045 survey
- Participated in the July 23 National Aging and Disability Transportation Center webinar, "The Impact of COVID-19 on Transportation Services for Older Adults." The program featured presentations by representatives from the Maine Council on Aging and Freedom Road Transportation Authority. The following are among the key points of their presentations: (1) during the pandemic volunteer drivers are reluctant to share their cars and riders are also hesitant; (2) during the pandemic volunteer driver programs need guidance and assistance in resolving confusing issues, as well as access to PPE; (3) one of the concerns related to the pandemic is the extent to which auto air conditioners may be re-circulating air possibly containing the COVID-19 virus, and (4) it may be possible to tap into the pool of recently unemployed individuals as volunteer drivers

- Participated in the July 22, 2020 virtual meeting of the Longevity Project Strategic Planning Steering Committee. The meeting included background information on the development of longevity project (former Age Wave) strategic plan, the role of the steering committee, schedule for developing the plan, discussion of stakeholder involvement, a review of a proposed survey, and next steps.

### **7340 Active Transportation: Bicycle and Pedestrian**

7340	BUDGET	Billed this month	% Funds Expended	UPWP Page
Active Transp.	\$168,816	\$6,237	4%	19

#### *Active Transportation Work Group*

- Staff has begun planning for the next Active Transportation Work Group meeting, expected to be in September. Working with Chesterfield County staff on potential presentation and updating on the progress of the Richmond Regional Bicycle and Pedestrian Plan update.

#### *East Coast Greenway*

- Staff has begun working with East Coast Greenway Alliance staff on the next meeting of the Virginia committee for the ECG. Staff has also been working with the ECG on preparations for new designations for the ECG along the new protected bike lanes along the Brook Road corridor in Richmond.

#### *Richmond Regional Bicycle and Pedestrian Plan*

- A steering committee meeting was held on July 28. Staff updated the committee on the progress, shared updated data and mapping to lead discussion on priorities corridors for the regional bicycle network, shared photos of recent pedestrian and bicycle infrastructure projects in the region, and laid the groundwork for the next steps in the planning process.
- The next step in the process will be to set up smaller group meetings with individual localities to review joint multi-jurisdictional constraints and opportunities for bike and/or pedestrian connections through infrastructure and programmatic ventures through the regional plan. These will be scheduled in August/September timeframe in preparation of another steering committee meeting.
- Staff continues to collect photos of bicycle and pedestrian infrastructure from throughout the Richmond region to help with the plan update, presentations, and other active transportation related projects.
- Staff continues to write and edit sections of the update to the plan in preparation for review by the steering committee.
- Continued to update a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike. Committee continues to update a WikiMap shared by the LRTP.
- Updated the steering committee via email with new information to review for update of the 2004 plan and provide links to all information sharing and crowdsourcing websites.

#### *Town of Ashland pilot project and regional guidance for Complete Streets*

- Staff continues to work on the illustrative guideline tool box of complete streets best practices for use by the localities in their own planning work and to support implementation of the regional bicycle and pedestrian plan; to be added to the Story Map. The plan was presented to the CTAC committee.

#### *Ashland Trolley Line Trail / Ashland to Petersburg Trail*

- Working with the National Park Service and representatives from the Virginia chapter of the America Society of Landscape Architects (ASLA) and Virginia Tech to secure landscape architecture support for design of the Trolley Line Trail. Staff is waiting for updates from the ASLA to see if there is interest from students.

### **7410 Performance Based Transportation Planning**

7410	BUDGET	Billed this month	% Funds Expended	UPWP Page
Perf. Based Transp. Plng.	\$86,956	\$5,325	5%	21

#### *System Performance*

- Created a dashboard (<https://planrva.org/transportation/covid-19-pandemic/>) to track various PlanRVA transportation related metrics and the changes in those metrics due to the COVID-19 pandemic. The dashboard is on the Transportation home page of the PlanRVA website. The interactive dashboard was created using Tableau. Continued update of statistics for the month.

### **7420 Transportation Improvement Program (TIP)**

7420	BUDGET	Billed this month	% Funds Expended	UPWP Page
TIP	\$326,282	\$23,507	7%	23

#### *Development*

- Compared FY21 – FY24 RSTBG and CMAQ projects between the draft FY21 – FY24 STIP and the TPO FY21 – FY24 TIP.
  - Total VDOT Richmond District projects: 148 projects
  - RRTPO projects: 114 projects (77%)
  - RSTBG projects: 21 projects
  - CMAQ projects: 9 projects.
- The RSTBG and CMAQ projects in the draft FY21 – FY24 STIP are consistent with the FY21 – FY24 TPO TIP. The public review period on the draft STIP started on 7/1 and ended on 7/31/20.

- Contacted a DRPT staff, obtained information on the FY21 FTA Section 5310 projects and funding status, and found the DRPT has considered funds for operation and mobility maintenance projects that include five potential projects in the RRTPO study area.
- TAC discussed and voted to establish a subcommittee that will be consists of Chesterfield, Hanover, Henrico, GRTC, VDOT, and DRPT staffs; and oversee selection of RSTBG and CMAQ projects, funding allocation in RSTBG and CMAQ, scoring the projects, and addition of TAP project guidelines, etc. Compared the current guidelines with the new draft guidelines in funding allocations and additional fund requests.
- The Policy Board approved 10 RRTPO SMART SCALE projects at the 7/2/20 RRTPO Policy Board meeting. The 10 projects are:
  - Ashland to Petersburg trail-Chickahominy River Crossing
  - Rt 360/Courthouse Rd intersection improvements
  - A-to-P Trail: Chester Linear Park Ext. and Chester Rd
  - Powhite SB at Chippenham capacity and safety improvements
  - Ashland to Petersburg Trail US 1 Walmsley to Bellemeade
  - Broad St streetscape with Pulse BRT expansion Phase 1
  - Powhite NB at Chippenham capacity and safety improvements
  - SB Rt 288 continuous HSR lane—West Creek Pkwy to Rt 711
  - I-64 WB widening (Ext 211 to Ext 205)
  - I-64 EB widening (Exit 205 to Ext 211)
- Reviewed FY22 FTA Section 5310 fund pre-application workshop and schedule that DRPT conducted on 7/3/20. There are 80% federal funds and 20% local funds for capital fund projects; and 50% federal funds and 50% local funds for operation/maintenance projects. The next pre-application workshop will be in November 2020.
- Reviewed three VA Breeze (public intercity bus service) projects:
  - VA Flyer—Blacksburg to Washington D.C.
  - Piedmont Express--Danville to Washington D.C.
  - Capital Connector—Martinsville to Richmond to Washington D.C.

Funds: FTA Section 5311 Rural Intercity Bus Program funds.

#### *RSTBG and CMAQ*

- Continued to review potential FY21 – FY26 RSTBG and CMAQ existing and new projects and their allocations.
- Staff presented a proposed approach to allocations to TAC at the June meeting. At TAC's request, staff has worked with Richmond District to finalize two alternatives for allocations – one following the new proposal and one following the typical allocation approach. TAC should review the two alternatives at its July meeting and make a recommendation to the TPO policy board.

### **7430 Rail, Freight, Intermodal Planning**

7430	BUDGET	Billed this month	% Funds Expended	UPWP Page
Rail, Freight, Interm. Plng.	\$23,580	\$353	1%	24

#### *Staples Mill Road Station Advance Planning and Design Study*

- Staff served on a stakeholders' group for the concept phase of this study funded and supported by DRPT. The Station and the station area were the focus of the study, and meetings held in May through July 17th to explore opportunities for a transit-oriented development of the Staples Mill corridor.
- The preliminary engineering phase of the project begins in August to be completed by the consultant team in September.
- Staff is on call with Henrico County to provide further input and support as part of a small area plan which focuses on the Staples Mill corridor from Glenside/Hilliard to the north.

# FY 2020



## Work Program Annual Report End of Year FY 2020 Accomplishments

PlanRVA

9211 Forest Hill Avenue, Suite 200

Richmond, Virginia 23235

MAIN 804.323.2033 | WEB [WWW.PLANRVA.ORG](http://WWW.PLANRVA.ORG)

The RRTPO approved its FY 2020 Unified Planning Work Program (UPWP) in June 2019 and amended in December 2019. The RRTPO Work Program Progress Report provides a short summary of each activity for the year. Please reference the 2020 UPWP for details concerning the approved budget and work description for each task. Table 1 identifies all the tasks in the UPWP and the associated budget.

AGENCY BUDGET SUMMARY SHEET  
FHWA PL/SPR; FTA SEC 5303; OTHER PLANNING GRANTS  
FY 2020 UPWP - RICHMOND REGIONAL TPO

Work Task	RRTPO Budget				
	PL Approved	5303 Approved	CO 5303 Approved	OTHER (1)	GRAND TOTAL
7110 Program Management	\$ 132,000	\$ 33,000	\$ -	\$ -	\$ 165,000
7210 UPWP, Budget, and Contract Administration	\$ 24,421	\$ 22,579	\$ -	\$ -	\$ 47,000
7210 Public Outreach and Equity Analysis	\$ 97,750	\$ 17,250	\$ -	\$ -	\$ 115,000
7220 Special Planning Efforts	\$ 99,000	\$ -	\$ -	\$ -	\$ 99,000
7230 Contingency Funding	\$ 38,858	\$ -	\$ -	\$ -	\$ 38,858
7310 Metropolitan Transportation Plan	\$ 242,096	\$ 60,524	\$ 109,408	\$ -	\$ 412,028
7320 Travel Demand Modeling & Emission Analysis	\$ 218,500	\$ 11,500	\$ -	\$ 250,000	\$ 480,000
7330 Transit	\$ 171,500	\$ 259,170	\$ 10,330	\$ -	\$ 441,000
7340 Active Transportation- Bicycle & Pedestrian	\$ 193,500	\$ 31,500	\$ 24,000	\$ -	\$ 249,000
7350 Systems Resilience Plan	\$ 110,682	\$ -	\$ -	\$ -	\$ 110,682
7410 Performance Based Transportation Planning	\$ 97,750	\$ 17,250	\$ -	\$ -	\$ 115,000
7420 Financial Programming/ Transportation Improvement Program	\$ 282,625	\$ 14,875	\$ -	\$ -	\$ 297,500
7430 Rail, Freight & Intermodal Planning	\$ 4,200	\$ 6,300	\$ -	\$ -	\$ 10,500
7510 Rural Transportation	\$ -	\$ -	\$ -	\$ 72,500	\$ 72,500
TOTAL (\$)	\$ 1,712,882	\$ 473,948	\$ 143,738	\$ 322,500	\$ 2,653,068

(1) 7320 funds are RSTBG funds for travel demand model development & 7510 funds are PlanRVA allocated rural transportation funds shown for reference

## **7100 Program Management**

### **7110 Program Management**

- Developed agenda packages for the RRTPO Policy Board, Technical Advisory Committee, and Community Transportation Advisory Committee for the month of September.
- Meeting materials can be found here:  
<https://planrva.org/transportation/meeting-agendas-minutes-and-presentations-tpo/>
- Staff support for the RRTPO Policy Board, Technical Advisory Committee, and Community Transportation Advisory Committee for the month of September
- Coordinated staffing on current work tasks and ensured completion of time-sensitive activities
- There were no July TAC or Policy Board meetings. There was no Policy Board meeting in August.
- Community Transportation Advisory Committee (CTAC)
  - Met with CTAC Vice Chair Herbert Richwine on July 3 to review the proposed agenda for the July 18 CTAC meeting and discussed the CTAC Strengths, Weaknesses, Opportunities and Threats Assessment Survey.
  - Using information from the literature review of advisory committees, developed a survey of CTAC strengths, weakness, opportunities and threats for completion by CTAC members. Prepared a summary of the survey responses and results of the survey scores were presented at the July 18 CTAC meeting.
- Planned and participated in the November 7 Regional Transportation Forum at Randolph Macon College in Ashland. Among the topics discussed were proposed improvements to the state freight and rail passenger network, the Ashland Trolley Line Trail, planning for the Ashland to Petersburg bicycle/pedestrian trail, and comments by CTB member Carlos Brown on the funding of regional transportation projects.

## **7200 General Development & Comprehensive Planning**

### **7210 Public Outreach**

- Draft Public Engagement Plan revised after 45-day public review and comment period held between 12/9 and 1/24
- TAC reviewed and recommended approval with two minor changes to the plan
- TPO adopt new Public Engagement Plan 3/5
- Public Engagement Plan posted to website
- New comment pages created for engagement efforts

7220 Special Planning Efforts and Studies

- Attended STARS US-1 from Marina Drive to Perlock Road Kickoff Meeting held at Chesterfield Government Center

**7300 Long-Range Transportation Planning**

7310 Long-Range Transportation Plan

*Data, Analysis & Mapping*

- Finalized 2017 and 2045 Socioeconomic data. All issues raised by the policy board in the June meeting have been resolved.
- Coordinated with Consortium of Scenario Planning staff and Mid-America Regional Council (MARC) staff on the logistics to organize a scenario planning workshop at RRTPO.
- Research work on LRTP update and in-depth review of each component.
- Worked on the Socioeconomic Data and Analysis Report. Work Included creation of shapefiles for 2017-2045 SE data, regional population and employment trend analysis, 2017 DMV auto registration data analysis and research work on environmental justice datasets.
- Worked on developing the scope of the 2045 LRTP update after evaluating the potential of integrating scenario planning in the process.
- Continued work on the Socioeconomic Data and Analysis Report. Work including performing employment trend analysis from 2008, creation of the population and employment density maps and research work on environmental justice dataset. Developed the general scope and schedule of the 2045 LRTP update. Also developing detailed scope for different work tasks within the LRTP.
- Continued work on the Socioeconomic Data and Analysis Report. Work included development of regional growth areas and delineation of regional activity centers.
- Coordinated with consultants on developing a scope for internal scenario planning process to parallel the LRTP development timeline.
- Developed the detailed scope and schedule of the 2045 LRTP.
- Convened internal workgroup meetings to get started with LRTP tasks.
- Finalized the Socioeconomic Data & Analysis Report
- Attended the Lincoln Institute of Land Policy sponsored Consortium for Scenario Planning 2019 Conference, held in Harford, Connecticut From November 6-8. The conference provided continuing education on Scenario Planning aimed to assist RRTPO in developing scenario planning parallel process embedded in the 2045 LRTP update. Participated in the LRTP Advisory Committee kick-off meeting. The meeting included a review of the federal regulatory framework for development of the LRTP, the scope of work and schedule, the LRTP brand, and the public engagement plan.
- Worked to develop an inventory of multimodal transportation needs/deficiencies for the Richmond Region including congestion, safety

- issues, lack of interconnectivity, operational/maintenance problems, and capacity constraints.
- Developed the scope of work to update the Richmond Regional Bridge and Culvert Study.
  - Worked on geographically and categorically grouping the multimodal transportation issues in the Richmond region.
  - Worked on the data development and mapping for the *2020 Richmond Region Bridge and Culvert Study*.
  - Completed the final review of the *SE Data Analysis Report*.
  - Continued work on streamlining the existing transportation issue inventory and categorically grouping them.
  - Sent the transportation issue inventory list to LRTP-AC members for their vetting.
  - Post processed the raw output of the Richmond/Tri-Cities Model runs for 2045 to establish future transportation issues.
  - Continued work on the data development analysis and mapping for the *2020 Richmond Region Bridge and Culvert Study*.
  - Addressed comments provide by SE Data workgroup members on *2045 Long Range Growth Forecast Analysis Report*. Final report is being prepared.
  - Created the final draft of the existing transportation issues in the Richmond region based on regional and local transportation plans and studies, LRTP-AC member recommended additions, Richmond/Tri-Cities Travel Demand model runs, and public inputs received through the ConnectRVA 2045 website and the community outreach meetings.
  - Groundwork on various tasks for the LRTP – including project prioritization process and accessibility and environmental justice analysis.
  - Prepared the final InDesign version of 2045 Long Range Growth Forecast Analysis Report for the TAC review.
  - Continued work to develop and review the first draft for the *2020 Richmond Region Bridge and Culvert Study*. This was also presented to the TAC.
  - Inquired of, received and shared publication guidelines from the staff of the Virginia Transportation Research Council.

#### *Outreach Efforts*

- RRTPO hosted a full day workshop on Scenario Planning sponsored by Consortium for Scenario Planning and facilitated by Frank Lenk from Mid-American Regional Council (MARC) on August 21. The workshop was attended by 26 planners. The workshop aimed to create an executable scenario planning process design for the RRTPO 2045 Long-Range Transportation Plan with considerations of time, budget and staff capacity constraints.

- Developed a list of potential members for the LRTP Advisory Committee and invited TAC, CTAC and other stakeholders to participate on the LRTP Advisory Committee.
- The LRTP general scope and schedule and advisory committee composition were provided to TAC and CTAC.
- Developed the general scope of the Public Outreach Strategy for the LRTP.
- Developed the branding and the logo for the LRTP – ConnectRVA2045.
- Engaged with LRTP Public Engagement subcommittee and investigated public engagement software packages for use in the LRTP update
- Participated in the LRTP Advisory Committee meeting on January 23. The meeting included a staff presentation on the partial developed inventory of multimodal transportation issues based on regional and local plans and the public engagement plan for the LRTP.
- Distributed materials and information regarding ConnectRVA2045 to the following organizations: Hanover Human Service Network, Hands Across Powhatan, and Goochland human service networks
- Attended the National Association for the Advancement of Colored People (NAACP) business meeting on March 10 at Jackson Ward, Richmond.
- Contacted Billy Poarch, Executive Director of ACTS RVA on March 20 and provided him with an overview of the work of PlanRVA and in particular the development of the long-range transportation plan. Followed up by sending links to the PlanRVA website and the ConnectRVA 2045 website
- Posted the draft Transportation Issue/Needs list and online interactive maps on the [project website](#) for a 15-day public review and comment period.
- Participated in the May 28, 2020 virtual meeting of the ConnectRVA 2045 Advisory Committee. The meeting featured a review and discussion of the 2045 long range growth forecast analysis report; discussion and approval of the needs inventory; and the presentation of the project inclusion guidelines,
- Developed a regional goals and priorities survey for a more substantial approach to get public involved in the development of the vision and goals for the LRTP – ConnectRVA 2045. Here is the [link](#) to the survey.
- Continued groundwork and participation in the internal staff meetings to develop various tasks for the LRTP – including project development, project prioritization process, accessibility tool, document design and environmental justice analysis.
- Held regular internal team meetings of our LRTP core group, public engagement outreach team, and other continuation activities of the LRTP.

7320 Regional Travel Demand Model (RTDM)

*Consultant Support*

- Developed the scope of work for the second phase of the on-call consultant support. The consultant support is for the LRTP update process. The consultant support for the 2045 LRTP update is mainly required to develop scenarios and performance matrix through which the scenarios will be evaluated. The scope identifies 12 work tasks.
- Finalized the new contract with the on-call consultant (the Corradino Group).
- Updated the VDOT and PlanRVA/RRTPO standard project administration agreement, originally executed in September 2015, which allows the RRTPO to proceed with the new contract with the consultants.
- Worked to finalize the scope of work for Task Order 6: LRTP Needs Plan Modeling support.
- Worked to develop the scope of work for Task Order 7: Land Use Allocation Model.
- Worked to develop the underlying GIS data needed for Task Order 7.
- Attended web-based meetings to discuss the initial findings of Task Order 6: LRTP Needs Plan modeling support.
- Worked to finalize the scope of work for Task Order 7: Land Use Allocation Model.
- Continued work to develop the underlying GIS data needed for Task Order 7 including development of "Existing Regional Land Use layer", "Vacant Developable Parcel layer" and "Real Estate Likeability Index layer"
- Finished developing the underlying GIS data needed for Task Order 7 including development of "Existing Regional Land Use layer" and "Vacant Developable Parcel layer" and currently working on developing "Real Estate Market Readiness Index layer" (City, counties of Henrico and Chesterfield complete).
- Attended web-based meetings to discuss the development of Land Use Allocation Model (Task Order 7).
- Developed a framework for Task Order 8. The aim of the task is to create an RTC model-based project prioritization tool to be used in ConnectRVA 2045. Other additional components include development of an accessibility and an economic analysis tool.
- Attended web-based meeting with the consultants to discuss the development of the scope for Task Order 8.
- Reviewed on-call consultant invoice and developed invoice cover memo for the one delivered on June 27, 2020

### *RTC Model Update*

- Working to provide the 2045 land use data for sensitivity testing of the model. Richmond land-use data has been finalized. Tri-Cities data has not been finalized.
- Provided the details to code 2045 future year highway and transit network to the consultant for the RTC model update process.
- Reviewed the 207 and 2045 Socioeconomic data for Tri-Cities for errors and provided comments to Tri-Cities MPO staff.
- Provided the final RRTPO Policy Board and Tri-Cities MPO Board approved socioeconomic data for Richmond and Tri-Cities respectively, for base year 2017 and future year 2045 to the consultants.
- Attended web-based meetings on the RTC model development process.
- Reviewed and ran the first version of the RTC model for base year 2017.
- Provided comments on the draft process, sensitivity testing, and documentation guide as provided by the consultants.
- Reviewed the new model with corrected land-use data.
- Reviewed the summary statistics for model validation.
- Met with the consultant to go over the scope and budget.
- Attended web-based meetings on the RTC model development process.
- Finalized the scope of work and budget for the second phase of the on-call consultant support. The scope identifies 11 work tasks to support the 2045 LRTP update.
- Attended web-based meetings on the RTC model development process.
- Reviewed the draft process and documentation guide as provided by the consultants.
- Reviewed the final draft of the 'RTC Model User's Guide' and 'Model Development Documentation' and provided comments.
- The New RTC Model with a base year 2017 and Future Year 2045 is now ready for internal and external use.

### 7330 Transit

#### *Greater Richmond Transit Vision Plan transit2040, Phase II*

- Attended *Transit in Virginia: Successes, Challenges, and the Future* sponsored by Virginia Conservation Network and Virginia Transit Association on July 11.
- Data collection and analysis underway by Kimley Horn and staff to lead the selection of key corridors (of the 20 identified by *transit2040*) that the data indicates are most ready for enhanced transit within the next six years
- First Steering committee held on August 9. Committee members reviewed the Kimley Horn data recommendations for corridors/segments to be fully analyzed, making several adjustments through consensus.
- Initial recommendations shared with TAC at their August 13 meeting, and to be shared with the TPO Policy Board on September 5

- Web site landing page for this project is under development for ready access to the analysis of the selected corridors/segments proceeds into the next phase Shared initial recommendations with the TPO Policy Board at their September 5 meeting, with the GRTC board on September 17, and with the Community Transportation Advisory Committee on September 19.
- Began development of a web site landing page for this project enabling ready access to the analysis of the selected corridors/segments proceeds into the next phase
- Individually briefed Julie Timm, new GRTC Executive Director, and staff on the scope of work and status of the study.
- Developed web site landing page for this project (<https://planrva.org/transportation/greater-rva-transit-vision-plan/>) for access to the analysis of the selected corridors/segments as it proceeds into the next phase.
- Work on more detailed cost and return on investment analysis continues on the following corridors or corridor segments:
  - Broad Street-Short Pump (Willow Lawn to Bon Secours Short Pump)
  - Midlothian Turnpike (Downtown Richmond to Huguenot Road)
  - West End South (Downtown Richmond to Regency Square)
  - Airport via Route 60 (Downtown Richmond to RIC Airport)
  - Route 1 to Ashland (Downtown Richmond to Parham Road)
- Web site landing page for this project has been updated and includes initial screening analysis of the original 12 corridors [https://planrva.org/wp-content/uploads/Corridor\\_Fact\\_Sheets\\_12.3.19.pdf](https://planrva.org/wp-content/uploads/Corridor_Fact_Sheets_12.3.19.pdf)
- Presentation updates made to TAC on January 14, GRTC Board on January 21, and TPO Policy Board on February 6.
- Preliminary cost analysis reviewed with GRTC leadership on March 3.
- Service Plan options, O&M and Capital Cost analysis completed for Steering Committee review at April 3 virtual meeting.
- Reviewed relevant best practices documentation for current planning efforts.
- Reviewed the language of HB 1541-Central Virginia Transportation Authority, prepared a summary of the major points of the bill, and shared this information with the members of the Strategic Planning Committee of the Regional Human Services Transportation Coordination Entity Work Group.
- Participated in best practices webinars and online forums relevant to current work tasks
- Technical Memo 2 covering Service Plan options, O&M, and Capital Cost analysis for the five selected corridors is under review by the steering committee until July 10th.
- A story map of the recommendations is being prepared by RRTPO staff to use for final presentations to the TAC, TPO Policy Board and GRTC board.

#### *Regional Transit Network Workshop*

- The RRTPO hosted a hands-on network planning workshop facilitated by Scudder Wagg of Jarrett Walker + Associates on August 13. The workshop was attended by 27 planners divided into 5 teams of transportation

engineers/planners, and advocates throughout the region. Issues covered network design, service frequency, basic capital and operating costs, and gave participants a good introductory understanding of the trade-offs involved in effective transit network planning. Materials from the workshop are available upon request.

#### *GRTC*

- Attended the July 17 public hearing for GRTC's Federal Program of Projects and prepared a summary of the hearing and GRTC's proposal.
- Reviewed and prepared a summary of the information pertaining to the Integrated Mobility Innovation Demonstration Program Notice of Funding. Forwarded the information to selected transportation providers and human service agencies in the region.
- Attended the July 16, August 20, and September 17 GRTC Board of Directors meetings.

#### *RideFinders*

- Developed a map of the distribution centers within the SMSA
- Met with Brigitte Carter of RideFinders on July 24 to discuss demographic information helpful to RideFinders' continued outreach efforts. Provided Ms. Carter with a map depicting the locations of 25 major distribution sites in the region, and links to the *2017-2045 Socioeconomic Data Report* and the AgeWell Virginia website.
- Provided Executive Director Von Tisdale a map depicting the locations of major distribution centers within the planning area. This information will be used by RideFinders to plan its future employer outreach activities.

#### *Paratransit and CHSMP*

The following relate to paratransit and coordinated human services activities:

- Participated in the July 16 meeting of the Goochland County Health Improvement Plan Steering Committee at the Goochland administration building. The meeting included a discussion of the county's transportation needs, existing services, and the needs for additional services.
- Reviewed and prepared a summary of the information pertaining to the National Center for Mobility Management Community Mobility Design Challenge 2019. Forwarded the information to selected human service transportation providers and social service agencies in the region.
- Participated in the July 23 Age Wave Leadership Committee meeting at Senior Connections. Topics discussed included features of the HomeServe home repairs program and its applicability to area seniors and the Greater Richmond Age Wave Advocacy Priorities, which include transportation. Each priority includes a list of suggested legislation, programs and projects that the Age Wave supports, and suggested action items.
- Reviewed the following documents for consideration in future CTAC meetings and as resources for upcoming work tasks:

- Reviewed 25 articles/documents addressing various transportation issues related to transportation disadvantaged populations for consideration in future CTAC meetings and as resources for upcoming work tasks.
- Participated in the August 14 meeting of the Goochland Community Partners. Provided an update on the RRPDC re-branding project, the Coordinated Human Services Mobility Plan, regional park and ride lot study, and regional transit vision plan. Also noted the dates of upcoming RRTPO policy board, TAC, and CTAC meetings and the date of the regional transportation forum.
- Participated in the August 15 meeting of the Healthy Generations Regional Human Services Transportation Coordinating Committee in Fredericksburg. Discussed the *Regional Coordinated Human Service Mobility Plan*, the FY20 Section 5310 grant award, staffing changes, grant opportunities, and the development of missions, goals, and objectives.
- Participated in the August 20 Goochland Community Health Improvement Plan Steering Committee meeting at the Goochland County Administration Building. The meeting included discussions of how to enhance transportation options for Goochland residents including a faith-based volunteer driver program, an extension of the GRTC Short Pump route into Goochland, and development of a survey to determine transportation needs in the county.
- Worked with the Age Wave staff to develop a letter of support for a proposed project "Enhancing Autonomous Shuttle Service to Build Smart and Connected Communities."
- Participated in the August 20 Age Wave Neighborhood Livability Action Team meeting at Senior Connections; there was discussion of effective advocacy practices with members of the General Assembly.
- Reviewed the draft 2019 Coordinated Human Service Mobility Plan and developed a list of comments
- Participated in the September 10 meeting of the Healthy Hanover Coalition. Updated the Coalition members on the Coordinated Human Service Mobility Plan and the upcoming meeting at PlanRVA, the upcoming CTAC meeting, and opportunities to engage in the development of the next long-range transportation plan.
- Participated in the September 16 Neighborhood Livability Action Team meeting at Senior Connections. The meeting featured a discussion with Chesterfield County Supervisor Steve Elswick and Henrico County Supervisor Dan Schmitt concerning effective advocacy practices.
- Participated in the September 17 Goochland County Community Health Improvement Plan Steering Committee meeting. The primary topic was considerations related to the creation of a volunteer driver program. The guest speaker was Charlie Rasnick, who provided information on the establishment of the Hanover Senior Rides program.
- Met with Thelma Watson and Patrick Hickey of Senior Connections staff on September 23 to discuss transportation issues affecting seniors and persons with disabilities. Discussed public participation, the development of Senior Connections' transportation coordination entity workplan, and

- opportunities for coordination of the respective planning efforts of Senior Connections and PlanRVA.
- Participated in the September 25 LogistiCare Region 2 Advisory Board meeting at the Homewood Suites by Hilton Hotel in Sandston. The meeting included an update on activities and developments at the Department of Medical Assistance Services and a presentation on Circulator, a new transportation software platform being utilized to manage transportation services.
  - Participated in the October 2 Coordinated Human Service Mobility Plan (CHSMP) meeting held in the PlanRVA Board Room. The meeting included a presentation on the 2019 update to the CHSMP and a discussion of proposed projects and programs that may be funded under the FTA Section 5310 program.
  - Reviewed twenty-five documents for consideration in future CTAC meetings and as resources for upcoming work tasks
  - Participated in regional and national webinars to learn best practices in human services transportation coordination.
  - Participated in meetings of the Hanover Human Services Network and the New Kent Outreach Council, respectively.
  - Prepared, distributed, and reviewed a handout containing information on the availability of the draft 2019 Coordinated Human Service Mobility Plan, the upcoming DRPT grant programs workshops, and the November 7 RRTPO Richmond Region Transportation Forum.
  - Reviewed the Transportation Research Board's Transportation Research Information Services Database (TRID) for recent public transit and paratransit services publications
  - Met with Jimmy Chen of the VCU Department of Urban Planning, and discussed Dr. Chen's presentation "Study on the Senior Population Transportation: Case Study of Coordinated Public Transit-Human Services Transportation Planning in Richmond, Virginia."
  - Reviewed the VDRPT FY 2021 Grant Program Application Guidance. Attended the November 15 Human Service Grants Workshop at VDRPT's offices and prepared a summary of the major points of the workshop.
  - Participated in the November 20 meeting of the LogistiCare Advisory Board at Logisticare's Mechanicsville office. The meeting featured an overview of new trip request and management software, summaries of trip volumes, complaints, outreach and education, and website utilization, and the use of transportation network companies as transportation providers. Followed up by providing Thomas Garnett of LogistiCare with information concerning the update to the State Coordinated Human Service Mobility Plan and the Department of Rail and Public Transportation grant application guidelines.
  - Coordinated with Senior Connections Transportation group as needed
  - Reviewed the following documents:
    - Considerations for Evaluating Automated Transit Bus Programs
    - Autonomous Vehicles in the United States: Understanding Why and How Cities and Regions Are Responding

- Automated Vehicles Have Arrived: What's a Transit Agency to Do?
  - Ensuring American Leadership in Automated Vehicle Technologies. Automated Vehicles 4.0
  - Self-Driving Cars: Mapping Access to a Technology Revolution
  - U.S. Department of Transportation Public Listening Summit on Automated Vehicle Policy
  - How the Commonwealth is Using Transit and Transportation Demand Management to Reduce Congestion and Use of Single-occupant Vehicles
  - Emerging Technologies and Cities: Assess the Impacts of New Mobility on Cities
  - The State of Transportation and Health Equity
  - Roadblocks Ahead for Seniors Who Don't Drive
  - Public Transportation. Enhanced Federal Information Sharing on Coordination Could Improve Rural Services
  - (Pennsylvania) Human Service Transportation Coordination Study. Summary Report
  - Transportation Coordination in Iowa
- 
- Participated in the January 14 meeting of the Longevity Project for a Greater Richmond (formerly Greater Richmond Age Wave) at Senior Connections. The primary discussion topic was Naborforce, a service that provides various types of non-medical assistance for area seniors.
  - Reviewed and provided comments on the draft Goochland Community Health Improvement Plan. Participated in the January 16 plan review meeting at the Goochland County administrative building.
  - Prepared a staff report for the February TAC meeting concerning the submission and approval of applications for Section 5310 funds.
  - Participated in the January 28 Longevity Project Town Hall series Leadership Event "Where Policy Meets Practice: Older Americans Act" at the VCU College of Health Professions. The event featured an overview of the Older Americans Act, including the seven titles within the act, funding levels, programs supported by the act, and the provisions of the House and Senate reauthorization bills that have been introduced but not yet acted upon.
  - Helped with the management of the February 5 meeting of the Senior Connections Regional Human Services Transportation Coordination entity at PlanRVA. The meeting included a review of the minutes of the minutes of the December 4 Steering Committee meeting, the finalization of vision and mission statements guiding the work of the coordination entity, and small group discussions related to strategic planning, public information and marketing, asset development, and technology.
  - Participated in the February 13 U.S. Coordinating Council on Access and Mobility (CCAM) webinar, "CCAM Program Inventory-A Call to Coordination." The webinar featured an overview of the mission and history of the CCAM, a summary of the inventory of federal programs that provide funding for

human services transportation, a discussion of the use of federal funds as match for other federal funding programs, and summaries of the transportation programs offered by six federal agencies within the Department of Health and Human Services.

- Participated in the February 25, 2020 meeting of the New Kent Outreach Council at Tabernacle United Methodist Church in Barhamsville, VA. Updated those in attendance on the status of the Section 5310 grant applications for the region and the dates of the March TPO and CTAC meetings. Also distributed copies of the fliers, "Connect RVA 2045-What is Our Transportation Future?" and "ConnectRVA 2045 Open House Event." Followed up by providing electronic copies of the fliers to Nancy Goodman for distribution to members of the Outreach Council not in attendance at the meeting.
- Participated in the February 27 University of South Florida, Center for Urban Transportation Research webinar, "The Healthy Buddy Program. Addressing Immobility in Transportation Disadvantaged Adults through a Community Based Initiative." The webinar featured an overview of a program that recruited and trained college students to serve as public transit travel buddies for seniors. The presentation included information on a needs assessment, the program material, and lessons learned.
- Participated in meetings of Fredericksburg Regional Human Services Transportation Coordination Committee, the Strategic Planning Work Group of the Richmond Region Transportation Coordination Entity, DRPT and Senior Connections
- Participated in the June 4 Shared Use Mobility Summit webinar, "Human Services Transportation-Making Mobility as a Service Universal," the June 25 National Aging and Disability Transportation Center webinar, "North Front Range MPO Project Miles Multi-Provider Coordination in Larimar County, Colorado."
- Reviewed the Senior Connections four-year Area Plan for Aging Services, and provided comments to Senior Connections Support Services and Advocacy Director Marge Boynton
- Participated in the June 23 virtual meeting of the LogistiCare Advisory Board. The meeting included a discussion of managing Medicaid NEMT through a pandemic, safety measures that have been instituted in response to the pandemic, preparing for re-opening, and new protocols that have been instituted to protect drivers and passengers.
- Spoke with Tanya Castle of Spare Labs, Inc., a transportation services software company, on June 12 concerning the state of human services transportation in the Richmond area.
- Participated in the June 25 virtual meeting of the Longevity Equity Task Force of the Greater Richmond Age Wave. The primary discussion topics included seniors' use of online resources and technical disparities that may limit such use; issues related to re-entry to worksites, senior centers and public transportation following the lifting of restrictions associated with

COVID-19; and suggestions for other individuals that should be invited to participate in the work of the task force.

#### *Regional Park and Ride Investment Strategy*

- Distributed the final Technical Memo IV/V on Recommendations to the Study Advisory Group for review.
- Provided a presentation of the study leading into final technical memo on the implementation/funding sources to the CTAC on July 18
- Began the summation of the technical memos as one document.
- Prepared a story map draft serving as an executive summary for the project, and will be shared with the committee, TAC in October, and the RRTPO Policy Board in December.
- Planned for and staffed the final Study Advisory Group meeting, held on September 18, where the plan was reviewed and approved to move forward to the Technical Advisory Committee
- Shared the story map draft serving as an executive summary for the project with the CTAC on September 19; comments on story map were incorporated for TAC review in October.
- Worked with VDOT Richmond District staff to share study recommendations for potential consideration as part of the I-95 Corridor Plan.
- RRTPO Policy Board adopted the strategy at their December meeting.

#### 7340 Active Transportation: Bicycle and Pedestrian

##### *Active Transportation Work Group*

- Held the quarterly meeting on September 10 at the PlanRVA offices. The main topic was greenway connections in the region. Included presentations from Bryce Wilk of the James River Park System on the park master plan and Robert Andrejewski from the University of Richmond on the Gambles Mill Eco-Corridor.
- Planned and held the quarterly meeting November 12 at the PlanRVA offices. Scheduled speakers, including representatives from VDOT and the Virginia Department of Conservation and Recreation to present on the Virginia Outdoors Program.
- Arranged February meeting speaker Chris Gensic of the City of Charlottesville to introduce the proposed Three Notch'd Trail from Charlottesville to Richmond and updates on projects around the region, including the update to the Regional Bicycle and Pedestrian Plan
- Staff participated in the first meeting for Henrico County's active transportation work group, which is designed to advise the county in the development of a new bicycle and pedestrian chapter in the county's comprehensive plan, which is currently being updated.

##### *East Coast Greenway*

- Monitored the executive council meeting by phone. Laid the groundwork for a presentation at the ECG Summit in April.

*Town of Ashland pilot project and regional guidance for Complete Streets*

- Provided follow-up materials for the participants and interested parties from the June complete streets workshops held in Ashland (25 regional participants).
- Worked with Michael Baker International/Smart Growth America to plan for the culminating complete streets public meeting in September. Established a landing page for the project on the PlanRVA web site to provide ready access for workshop materials
- Held a public open house on September 23 at the Henrico County Tuckahoe library in conjunction with Smart Growth America, Virginia Department of Rail and Public Transportation, and Michael Baker International. 38 members of the public, local leaders, and advocates attended during the 3-hour open house.  
<https://planrva.org/transportation/complete-streets/>
- Developed a final summary report of Complete Streets applicable to the region's localities with complimentary web guidance "toolbox" illustrating possible complete streets elements.

*Regional Bicycle, Pedestrian and Trail Planning*

- Continued working with the East Coast Greenway Alliance Virginia representative on potential areas to designate as official sections of the greenway. During the quarterly meeting, a mile of Franklin Street in downtown Richmond was designated.
- Participated in the July East Coast Greenway (ECG) Alliance Council meeting July 2.
- Hosted the annual East Coast Greenway Alliance for Virginia and North Carolina at the RRPDC offices on July 10.
- Participated in the quarterly VDOT Statewide Bicycle and Pedestrian Advisory Committee meeting on July 30.

*Richmond Regional Bicycle and Pedestrian Plan*

- Staff visits to localities and partners are being scheduled to confirm existing conditions and review future plans.
- Shared folder set up for committee members to share resources and their own observations of travel around the region on foot or bike.
- Held first steering committee meeting on January 14, 2020 to review purposed, scope and timeline for update of the 2004 plan.
- Staff visits to Henrico and Chesterfield counties and the City of Richmond; meetings with the remaining localities scheduled to confirm existing conditions and review future plans.
- SharePoint website and a Google Drive set up for committee members to share resources and their own observations of travel around the region on foot or bike. Committee will also use a WikiMap shared by the LRTP.
- Updated the steering committee to review the timeline for update of the 2004 plan and provide links to all of the information sharing and crowdsourcing websites.

- Staff visits to Charles City, New Kent, Powhatan, and Goochland counties were held to confirm existing conditions and review future plans for bicycle and pedestrian infrastructure.
- SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike. Committee continues to update a WikiMap shared by the LRTP.
- Updated the steering committee via email with new information to review for update of the 2004 plan and provide links to all of the information sharing and crowdsourcing websites.
- Staff continued to collect photos of bicycle and pedestrian infrastructure from throughout the Richmond region to help with the plan update and other active transportation related projects.
- Staff continues to write sections of the update to the plan in preparation for review by the steering committee.
- Continued to update a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike. Committee continues to update a WikiMap shared by the LRTP.
- Updated the steering committee via email with new information to review for update of the 2004 plan and provide links to all of the information sharing and crowdsourcing websites.
- A steering committee meeting was held on June 23. Staff updated the committee on the progress, shared some of the data and mapping updates, and laid the groundwork for the next steps in the planning process.
- Staff continued to collect photos of bicycle and pedestrian infrastructure from throughout the Richmond region to help with the plan update and other active transportation related projects.
- Staff continues to write and edit sections of the update to the plan in preparation for review by the steering committee.
- Continued to update a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike. Committee continues to update a WikiMap shared by the LRTP.
- Updated the steering committee via email with new information to review for update of the 2004 plan and provide links to all information sharing and crowdsourcing websites.

#### *Ashland Trolley Line (ATL) Trail*

- Continued assistance and coordination with state officials and regional localities on a feasibility study for a regional effort for a potential Ashland to Petersburg trail. Participated in the VDOT-sponsored Stakeholder Technical Advisory Group (STAG) and attended the first meeting to discuss project needs and initial route alignment considerations.
- Continued work efforts with staff from the National Park Service Rivers, Trails, and Conservation Assistance program to plan for their assistance with the RRTPO on facilitating the steering committee for the Ashland

- Trolley Line Trail (as a portion of the East Coast Greenway). Held meetings with Henrico/Hanover County officials on July 17.
- Met with VDOT and their consultant to discuss possible options for crossing the Chickahominy River, to coordinate the Ashland Trolley Line trail portion for the Ashland to Petersburg trail effort.
  - Continued coordination with the VDOT Ashland to Petersburg trail study through participation in both region-wide public meetings on September 30 and October 1
  - In support of an initial implementation phase of the ATL Trail, staff accompanied the National Park Service technical advisor, Ursula Lemanski, to Henrico County's public meeting on September 19 for the Lakeside Community Trail.
  - Coordination with the VDOT Ashland to Petersburg trail study continues with sponsorship/participation in the Envisioning Regional Trails with Sports Backers and Crater Planning District Commission on October 29.
  - Prepared a fact sheet about the trail for use by Hanover and Henrico counties staff.
  - Coordination between PlanRVA staff, the localities of Hanover, Henrico, and the Town of Ashland on site visits and planning document review.
  - Continued coordination by PlanRVA staff with VDOT on the Ashland to Petersburg trail.
  - Site visits with Dominion Energy for segments in Hanover and Henrico are being planned for February to assist in defining segments of independent utility which may be submitted for funding.
  - Developing a StoryMap in coordination with the National Park Service's assistance with the Trolley Line Trail.
  - PlanRVA staff continues to participate in events designed to develop a name and branding for the proposed Ashland to Petersburg Trail.
  - Working with the National Park Service and representatives from the Virginia chapter of the America Society of Landscape Architects (ASLA) and Virginia Tech to secure landscape architecture support for design of the Trolley Line Trail.

## **7400 Short-Range Transportation Planning**

### **7410 Performance Based Transportation Planning**

*plan2040, vtrans2040, plan2045*

Participated in the following activities to support the planning and development of regional long-range planning activities:

- Coordinated with Consortium of Scenario Planning staff and Mid-American Regional Council (MARC) staff on the logistics to organize a scenario planning workshop at RRTPO.
- Research work on LRTP update and scenario planning.

### *Transportation Performance Measures*

- Continued collection of transportation data for the development of the annual report.
- Completed collection of transportation data for the development of the annual report and had the Policy Board adopt it in December.
- The 2019 plan was adopted by the Policy Board and the approved plan was updated on the PlanRVA website.

### *Congestion Management Process*

Participated in the following activities to support the planning and development of the Congestion Management Process activities:

- Compiled traffic statistics for the RRTPO study area Congestion Management Process.
- Finalized the Congestion Management Process webpage. The webpage outlines what the CMP is with links to background documents.
- Created a story map for the Congestion Management Process. The story map contains data on the CMP network and congestion in the RRTPO study area.
- Presented the CMP process, web page and story map, to the Technical Advisory Committee for their recommendation of approval to the policy board.
- Presented the Congestion Management Process StoryMap to the I-95 Corridor Coalition Users Group webinar on February 6th. The presentation focused on how a StoryMap was used as an innovative method to visualize Ritis Probe Data Analytics.

### *System Performance*

- Created a dashboard to track various PlanRVA transportation related metrics and the changes in those metrics due to the COVID-19 pandemic. The dashboard is on the Transportation home page of the PlanRVA website. The interactive dashboard was created using Tableau. Statistics are updated when available.

## 7420 Transportation Improvement Program (TIP)

### *Development*

- Received an updated new FY21 – FY24 STIP/TIP preparation schedule (high level mile stones) from VDOT on July 3. The kick-off meeting was conducted by VDOT, and Greta, Shiyan, Dan and I attended the meeting over the phone at RRPDC on July 25. (JL)
- Reviewed internal FY21 – FY24 new TIP kick-off process and schedule with Chet, Greta, and Shiyan on July 12. On 8/5/19, participated in FY21 – FY24 STIP/TIP data quality review at VDOT Richmond District Office with Greta, Myles, and VDOT staff.

- On 8/15/19, reviewed the detailed/updated FY21 – FY24 STIP/TIP data quality at VDOT Richmond District Office with RRTPO and VDOT staff. Submitted results of comparison of the draft FY21 – FY24 STIP/TIP projects with the TPO's TIP, SYIP, and PCES to the VDOT staff on that day. The comparison results were as follows:
  - One current TIP project (Vehicle Fuel Conversion Program-T11802) could be in the draft STIP/TIP project list, because the project still has obligations in FY20 and FY21.
  - Nine projects in the draft list were not in the current SYIP.
  - Three new projects that the RRTPO will approve at the September 5, 2019 TPO meeting could be included in the draft STIP/TIP project list.
- Participated in TIP preparation process, maintenance, amendments, adjustments, and other TIP related tasks with RRTPO staff on 8/5/19.
- Received FY 2021-2024 STIP/TIP development status report from VDOT on 9/23/19, and reviewed the following schedule:
  - VDOT: October 2019 - Key Deliverables
    - The Working STIP scenario
    - Maintenance Grouping information from VDOT Asset Management Division
    - Planned obligation data for Fredericksburg, Hampton Roads, NOVA, Richmond and Tri-Cities MPOs
    - Fiscal constraint data from VDOT-Financial Planning
  - RRTPO: November 2019 - Key Deliverables
    - RRTPO will receive the planned obligation data from VDOT in November 2019 for preparing the RRTPO FY21 – FY24 TIP.
- Received the planned obligation data from VDOT for preparing the RRTPO FY21 – FY24 TIP.
- Developed TIP preparation schedule and to review TIP projects: Interstate—17 projects, Primary—17 projects, Secondary—29 projects, and Urban--14 projects; Enhancement--12 projects; Miscellaneous--16 projects; Public Transportation--12 projects; and project groupings—213 projects on 12/13/19. Total 330 projects.
- Prepared a financial status report on the FY18-FY21 current TIP for including in the upcoming FY21 – FY24 TIP. This document has three sections: Completed projects, Underway projects, and Scheduled projects.
- Reviewed and compared projects in the draft FY21 – FY24 TIP that TPO staff prepared with the VDOT FY21 – FY24 TIP projects, and provided the TPO staff with the review comments. There are modified formats in the TPO draft FY21 – FY24 TIP by system and by jurisdiction/agency; and a new format showing project goals.
- Prepared Financial Plans on highway portion and transit portion to be included in the upcoming FY21 – FY24 new TIP.
- Reviewing a TIP amendment and Administrative Modification document to be included in the FY21 – FY24 new TIP.
- Receiving requests of inclusion of their selected FTA Section 5310 grant projects in our TIP from social service organizations. The due date to submit their project information to the TPO staff is December 31, 2019.

- Reviewing the FY21 – FY24 draft TIP documents: Introduction, financial plan, ungrouped projects—143 projects, grouped projects—212 projects and appendixes.
- Compared air quality conformity analysis projects with the FY21 – FY24 new TIP projects. The air quality conformity analysis has been conducted by VDOT/consultant.
- Preparing Financial Plans on transit portion GRTC provided on 1/2/20 to be included in the upcoming FY21 – FY24 new TIP.
- Continue to review a TIP amendment and Administrative Modification document to be included in the FY21 – FY24 new TIP.
- Received requests of inclusion of their selected FY21 FTA Section 5310 grant projects in the TPO TIP from seven social service organizations as follows:
  - Chesterfield Community HUMAN Services--\$230,000 requested.
  - Chesterfield County Department of Mental Health Support Services--\$130,000 requested.
  - Goochland Cares: Free Clinic and Family Services--\$50,000 requested.
  - Hanover County--\$168,377 requested.
  - Senior Connections: The Capital Area Agency on Aging--\$426,800 requested.
  - SOA365 (formerly Greater Association of Retarded Citizens) --\$180,000 requested.
  - St. Joseph's Villa--\$100,000 requested.
- Submitted seven grant application projects, total requesting FTA Sec 5310 funds (\$1,285,200) and staff comments to DRPT on January 30, 2020. The TPO endorsed the seven projects at the March 5, 2020 TPO meeting, and the endorsed document/resolution was submitted to DRPT.
- Received FY21/22 Transportation Alternatives Set-Aside Program (TAP) projects with scorings from VDOT on 1/6/2020. Based on available funds (\$2,123,924), the TPO Policy Board approved the projects at the March 5, 2020 meeting.
- Involved in reviewing SmartScale4 potential regional projects with VDOT staff (Liz and Jake) and TPO staff (Chet, Myles, and Greta) on 2/4/2020.
- Reviewed FY21/FY22 TAP candidate projects and the CTB recommended TPA projects. Prepared a table showing funding ratios by jurisdiction: Richmond 57% and Chesterfield 43%. These 10 candidate projects prepared by staff and by CTB member were reviewed by TAC and recommended to TPO at the 2/11/2020 TAC meeting.
- On February 3, 2020, received additional requests of inclusion of their selected FY21 FTA Section 5310 grant projects in the TPO TIP from two organizations as follows:
  - Capital Area Partnership Uplifting People (CAPUP)--\$70,000 requested.
  - GRTC Transit System---\$150,000 requested.
- Submitted all nine FY21 FTA Section 5310 grant application projects (including two new projects received on 2/3/20) and total requesting FTA Sec 5310 funds

(\$1,505,200) to DRPT on February 6, 2020. The TPO endorsed the nine projects at the March 5, 2020 TPO meeting, and the endorsed document/resolution was submitted to DRPT.

- Public review on the FY21 – FY24 draft TIP has been conducted from 2/17 thru 4/3/2020.
- Public review on draft air quality conformity analysis on FY21 – FY24 TIP has been conducted from 2/17 thru 3/18/2020.
- Attended a VDOT webinar session on the Smart Scale Portal training on 2/26/20.
- Entered TPO's Smart Scale round 4 regional project pre-applications into the Smart Portal.
- A public review meeting for the FY21 – FY24 upcoming draft TIP at PlanRVA scheduled on March 17 was cancel due to COVID-19. The public review period on the FY21 – FY24 draft TIP has been conducted from February 17 thru April 3.

Reviewed projects in the draft TIP documents—Grouped projects and ungrouped projects; and active projects and completed projects.

- Based on the action by TPO on March 5, submitted the TPO endorsement resolution for the nine potential FY21 FTA Section 5310 grant projects to DRPT on March 6 as follows:
  1. Chesterfield County Department of Mental Health Support Services: Purchase two 15-passenger body on chassis vans with wheelchair lifts, \$130,000.
  2. Chesterfield County Human Services: Operating assistance to fund a part-time Mobility Coordinator position and acquire planning software, \$230,000.
  3. Hanover County: Provide specialized transportation for non-driver older adults and individuals with disabilities, \$168,400.
  4. Senior Connections, The Capital Area Agency on Aging: Mobility management and transportation services for older adults and persons with disabilities, \$426,800.
  5. SOAR365: Purchase four 15-passenger vans with ramps, \$180,000.
  6. St Joseph's Villa: Purchase two 14-passenger vehicles with lifts, \$100,000.
  7. Goochland CARES: Purchase one 14-passenger van with lifts, \$50,000.
  8. Capital Area Partnership Uplifting People (CAPUP): Purchase one 19-passenger van with wheelchair lift--\$70,000.
  9. GRTC Transit System: Support of travel trainer instructor--\$150,000.
- Reviewed SMART SCALE regional projects, termini, jurisdiction, improvement types, descriptions, and cost estimates on the VDOT web site. The project application submission due date to VDOT was 4/17/20.
- Reviewed the Public Engagement Plan that has been included in the May TPO meeting agenda package and the public review process on the FY21 – FY24 draft TIP on the RRPDC web site. The public review period was conducted from 2/17 thru 4/3/2020.
- Reviewed the completed projects in the draft FY21 – FY24 TIP.

- Reviewed SMART SCALE regional projects, termini, jurisdiction, improvement types, descriptions, and cost estimates to be screened.
- Reviewed the Public Engagement Plan that TPO approved at the May TPO meeting.
- The RRTPO FY21 – FY24 TIP was approved by RRTPO on 6/4/20 and submitted to VDOT on 6/15/20. Reviewed number of projects, cost, and transportation system in SMART SCALE 4 pre-applications, and found the following:
  - Projects
    - Total statewide projects: 484 projects
    - Richmond District projects: 98 projects (20.3%)—The largest number of projects among 9 VDOT Districts
  - Cost
    - Total cost: \$7.5 billion
    - Cost on Richmond District: \$937.6 million (12.5%)
  - System
    - Highway projects: 365 projects (75.4%)
- TAC discussed and selected 10 final projects among 12 pre-application projects at 6/25/20 special TAC meeting. After TPO approval on 10 projects at 7/2/20 TPO meeting, the projects will be submitted to VDOT. The submission period of final projects application is from 6/19 to 8/3/20.

### *Maintenance*

- Submitted a TIP adjustment project, Henrico County pedestrian and signal improvements: Various locations project (#106299) to VDOT on July 2. The updated TIP was placed on the RRPDC web site. (JL)
- Two revised RRTPO resolutions for four transit amendment projects and three highway projects that RRTPO approved on June 27 were resubmitted to VDOT on July 3. These revised resolutions included “the projects are considered exempt from conformity under the following provision contained in Section 93.126 of the conformity rule.” (JL)
- Received a TIP amendment request on the RideFinders cash for carpool incentive program (UPC T22896) from DRPT on June 24. Prepared the TIP amendment document to be included in the August TAC meeting agenda package on July 31. (JL)
- Received a TIP adjustment request on six GRTC projects from GRTC on July 18. These six projects are: preventive maintenance (#GRTC003), purchase shop equipment (#GRTC032), capital cost of contracting (#GRTC037), paratransit vehicles (#GRTC049), ADA improvements (#GRTC052), and non-fixed route ADA paratransit (#GRTC059). The TIP adjustment document was prepared and submitted to DRPT and GRTC on July 22. The updated TIP was placed on the RRPDC website. (JL)
- Received a TIP amendment request for three Chesterfield projects from VDOT on July 22. They are: Chesterfield Rt 637 road diet study at Hopkins, Turner, and Whitepine project (#115193); Chesterfield countywide sidewalk plan project (#115202); and Chesterfield Rt 150 at Hopkins Rd/Chippenham Pkwy interchange modification-IMR project (#115534). Prepared a TIP

amendment document to be included in the August TAC meeting agenda package on July 31.

- Received a TIP adjustment request from VDOT and DRPT jointly for the GRTC Miscellaneous Equipment for Bus Stops project (#T23338) and the Henrico County PE for Parking Lots project (#T23339) on 8/14/19. Received the TIP adjustment concurrences from Henrico County and GRTC on 8/15/19. Prepared the TIP adjustment documents and submitted to VDOT and DRPT on 8/21/19. The updated TIP was placed on the RRPDC web site on 8/22/19.
- Received a TIP amendment request for three projects from VDOT on 7/22/19. The Chesterfield Road Diet Study on Rt. 637/ Hopkins Rd, Turner Rd, and Whitepine Rd (UPC #115193); the Chesterfield Countywide Sidewalk Plan (#115202); and the Chesterfield Rt 150/Hopkins Rd Intersection Modification Report (IMR, #115534). On 8/22/19, prepared TIP amendment documents and included in the 9/5/19 TPO meeting agenda package for their approval.
- Received a TIP amendment from DRPT for the RideFinders Cash for Carpool Incentive Program (#T22896) on 6/24/19. On 8/22/19, prepared TIP amendment documents and included in the 9/5/19 TPO meeting agenda package for their approval.
- Based on RRTPO approval for three highway projects such as the Chesterfield Road Diet Study on Rt. 637/ Hopkins Rd, Turner Rd, and Whitepine Rd (UPC #115193); the Chesterfield Countywide Sidewalk Plan (#115202); and the Chesterfield Rt 150/Hopkins Rd Intersection Modification Report (IMR, #115534) at the 9/5/19 RRTPO meeting, the TIP amendment document for these three projects was prepared and submitted to VDOT on 9/9/19. The updated TIP was placed on RRTPO web site on 9/9/19.
- Based on RRTPO approval on one transit project for the RideFinders Cash for Carpool Incentive Program (#T22896) at the 9/5/19 RRTPO meeting, the TIP amendment document was prepared and submitted to DRPT on 9/9/19. The updated TIP was placed on RRTPO web site on 9/9/19.
- On 9/26/19, provided Jonolyn Brevard Wills, City of Richmond, with the RRTPO staff report and TIP pages for the two revised GRTC amendment projects approved by the TPO at the June 27 RRTPO meeting, based on her request.
- Based on TPO approval (5/2/19) and VDOT PD-24 requests (10/28/19), conducted fund transfers in the TPO tracking sheets and submitted them to VDOT on 11/4/19 as follows:
  - Shifted FY19 \$250,000 RSTBG funds from the RMT/Port of Richmond gate improvement project (UPC #113832) to the Henrico County Parham Road/Hungary Road bike and pedestrian study (UPC #115001).
  - Shifted FY19 \$300,000 RSTBG funds from the RMT/Port of Richmond gate improvement project (UPC #113832) to the RMT/Port of Richmond I-95/Commerce Road access study (UPC #T22779).
  - Shifted \$503,260 CMAQ funds (FY16 \$178,260 + FY18 \$325,000) from the Henrico County John Rolfe Pkwy sidewalk project (UPC #104881) to the Chesterfield County Route 60 shared-use path between Boulders Pkwy and Ruthers Road project (UPC #115063).

- Shifted FY12 \$59,320 CMAQ funds from the regional project (UPC #101492) to the Richmond Arthur Ashe P-N-R bus purchase project (UPC #115222).
- Shifted \$177,740 CMAQ funds (FY08 \$147,340—State match only; FY12 \$24,400; and FY16 \$6,000) from the regional project (UPC #101492) to the Chesterfield County Route 60 shared-use path between Boulders Pkwy and Ruthers Road project (UPC #115063).
- Received the FY19 Annual Obligation Report for the highway portion from VDOT on 11/18/19, and the FY19 Annual Obligation Report for the transit portion from DRPT on 11/26/19. The obligation reports showed the following:

Category	Ungrouped Projects		
	Highway	Transit	Total
Projects in FY19 VDOT (highway) and DRPT (transit) Annual Obligation Reports (AOR)	81	16	96
Projects matching obligations between FY19 AOR and FY19 TIP	21	10	31
Obligation matching % between FY19 AOR and FY19 TIP	26%	63%	32%
FY19 AOR projects described as In Close Out	28	n/a	28
No obligations in AOR	16	0	16

- Staff has prepared the FY19 Annual Obligation Report using TPO format and will be placed on the RRPDC web site before 12/31/19.
- Received a FY18 – FY21 TIP adjustment request from Chesterfield for the Rt 10 widening from Whitepine Road to Frith Lane project (UPC #104889, RSTBG funded) in Chesterfield County. This project is under review.
- Provided a City staff (Lamont) with whole allocation history and allocations on the Richmond Commerce Road Improvement from Bells Rd to Bellemeade Rd project (UPC #15958) on 12/10/19.
- Received a FY18 – FY21 TIP adjustment request from VDOT for three projects on 1/8/2020 as follows:

*Maintenance: Preventive Maintenance and System Preservation—Project Groupings Summary*

Revise FY20 Federal-NHS/NHPP CN funds from \$64,777,681 to \$8,194,023.  
Revise FY20 Federal-STP/STBG CN funds from \$16,284,737 to \$19,317,021.  
Revise FY20 CN Total from \$81,062,418 to \$27,511,044.

*Maintenance: Preventive Maintenance for Bridges—Project Grouping Summary*

Eliminate \$3,096,503 FY20 CN Federal-BR funds.  
Add \$1,000,000 Federal-NHS/NHPP CN funds to FY20.  
Revise FY20 CN Federal-STP/STBG funds from \$2,414,757 to \$24,294,977.

Revise FY20 CN Total from \$5,511,260 to \$25,294,977.

*Maintenance: Traffic and Safety Operations--Project Groupings Summary*

Revise FY20 CN Federal-STP/STBG funds from \$7,504,431 to \$7,079,990.

- Prepared the TIP adjustment document and submitted to VDOT on 1/9/2020. Updated TIP was placed on the PlanRVA web site.
- Received a FY18 – FY21 TIP adjustment request from VDOT for the Chesterfield Rt 10 (Ironbridge Rd) widening from Whitepine Road to Frith Lane RSTBG funded project (UPC #104889) on 1/16/2020. The concurrence on the adjustment was obtained from Chesterfield County staff on 1/16/2020. The TIP adjustment document was prepared and submitted to VDOT on 1/16/2020. The updated TIP was placed on the PlanRVA web site.
- Received a FY18 – FY21 TIP adjustment request from VDOT for the Richmond Marine Terminal (RMT) gate improvement & new drop-off lot project (#113832) on 1/22/2020. Received concurrence from RMT on 1/28/20 and submitted the TIP adjustment document to VDOT on 1/29/2020.
- Reviewed the December TAC meeting minutes and provided Sharon with review comments on 1/7/2020.
- Received a RSTBG fund transfer request from VDOT on 1/8/2020 for the Charles City Rt 155 (Courthouse Rd) shared-use path projects from the road segment between Rt 602 (Lott Cary Rd) and New Kent CL (#106296) to the road segment between Rt 5 and Rt 602 (#97688). Updated the TPO tracking sheets with the transfer and submitted VDOT on 1/23/2020. The updated TPO tracking sheets were placed on the PlanRVA web site.
- Received a FY18 – FY21 TIP amendment request from GRTC for the GRTC Expansion Vehicles-Articulated Vehicles project (GRTC00000) on 2/12/2020. This project will use \$672,000 in FTA Section 5307 funds. The concurrence on the amendment request was obtained from DRPT 2/18/2020. The TIP amendment document has been prepared and submitted to TAC to discuss and recommend to TPO at the March 10, 2020 TAC meeting.
- Received a FY18 – FY21 TIP amendment request from VDOT for the Chesterfield Route 10 widening from Whitepine Road to Frith Lane project (#104889) on 2/12/2020. The construction phase has been added to the project and this project will use RSTBG funds. The amendment document was prepared to be included in the 3/5/2020 TPO meeting agenda package for their approval.
- Received current FY18 – FY21 TIP transit project list from DRPT on 2/6/2020, and reviewed the DRPT list.
- Prepared a TIP amendment document on the GRTC Expansion Vehicles-Articulated Vehicles project (GRTC00000) and included in the April 2 TPO meeting agenda package. This project will use \$672,000 in FTA Section 5307 funds. Due to the TPO April meeting cancelation, this amendment would be included in the May TPO meeting agenda package.
- Received a TIP amendment request from VDOT on the Hanover Pole Green Road widening project (#109260) on March 13. This request was sent to Hanover County to get their concurrence that we are waiting for.

- Based on TPO approval on March 5, submitted FY18-FY21 TIP amendment documents for the Chesterfield Route 10 widening from Whitepine Road to Frith Lane project (#104889) to VDOT on March 6. The updated TIP with this amendment was placed on the RRPDC web site.
- Received a FY18 – FY21 TIP amendment for one existing project from VDOT on March 13 and 12 projects (11 new projects and one existing project) from VDOT on March 16 as follows:

New Projects:

1. UPC 116597: #I95 CIP Project Refinement - Statewide. Fed AC Other funds (FY20 \$1,000,000) for PE phase.
2. UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) for PE phase.
3. UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) for PE phase.
4. UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) for PE phase.
5. UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) for PE phase.
6. UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) for PE phase.
7. UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. Fed AC Other funds (FY20 \$5,700,000) for PE phase.
8. UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) for PE phase.
9. UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) for PE phase.
10. UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) for PE phase.
11. UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) for PE phase.

Existing Projects:

1. UPC 0000: Maintenance: Preventive Maintenance for Bridge; Grouping -Districtwide. BR, NHS/NHPP, STP/STBG funds (\$49,044,410) will be used.
  2. UPC 109260: Hanover County Pole Green Rd Widening from Bell Creek Road to Rural Point Road. AC/ AC Conversion funds (\$1,600,000) for PE phase.
- Included a TIP amendment document for the GRTC Expansion Vehicles-Articulated Vehicles project (GRTC00000) in the 5/7/20 TPO meeting agenda package. This amendment document was included in the March TAC meeting agenda package. This project will use \$672,000 in FTA Section 5307 funds, \$1,632,000 State match, and \$96,000 local match.
  - Based on VDOT TIP amendment requests on 3/23/2020, prepared the amendment document for 14 projects to be included in the 5/12/20 TAC meeting agenda package as follows:

1. UPC 116597: #I95 CIP Project Refinement - Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  2. UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) will be used for PE phase.
  3. UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) will be used for PE phase.
  4. UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) will be used for PE phase.
  5. UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) will be used for PE phase.
  6. UPC 116655: #I95 CIP Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$1,200,000) will be used for PE phase.
  7. UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) will be used for PE phase.
  8. UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. Fed AC Other funds (FY20 \$5,700,000) will be used for PE phase.
  9. UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) will be used for PE phase.
  10. UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  11. UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) will be used for PE phase.
  12. UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) will be used for PE phase.
  13. UPC RRTPO000: Maintenance: Preventive Maintenance for Bridge; Grouping -Districtwide. BR, NHS/NHPP, STP/STBG funds (\$49,044,410) will be used.
  14. UPC 109260: Hanover County Pole Green Rd Widening from Bell Creek Road to Rural Point Road. AC/ AC Conversion funds (\$1,600,000) will be used for PE phase.
- Based on a VDOT TIP amendment request for the I-95 Towing Program project (#116655), prepared the amendment document to be included in the 5/12/20 TAC meeting agenda package. This project will use \$1,200,000 in Federal Other funds (no match) in FY20.
  - Produced TIP amendments and adjustments tracking tables to keep records from 2018. The tables include various items such as: date requested, requesting jurisdiction/agency, UPC number, description, total obligation, date TAC discussed, date TPO approved, and amendment and adjustment number.

- Based on TPO approval on 5/7/20, prepared a TIP amendment document for the GRTC Expansion Vehicles – Articulated Vehicles project (#GRTC00000) and submitted to DRPT on 5/11/20. This project will use \$672,000 in FTA Section 5307 funds, \$1,632,000 State match, and \$96,000 local match. The updated TIP was placed on RRPDC web site.
- Based on TAC discussion and recommendation to TPO at the 5/12/20 TAC meeting, the TIP amendment projects documents for 14 projects have been prepared and included in the 6/4/20 TPO meeting agenda package as follows:
  1. UPC 116597: #I95 CIP Project Refinement - Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  2. UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) will be used for PE phase.
  3. UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) will be used for PE phase.
  4. UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) will be used for PE phase.
  5. UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) will be used for PE phase.
  6. UPC 116655: #I95 CIP Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$1,200,000) will be used for PE phase.
  7. UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) will be used for PE phase.
  8. UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. Fed AC Other funds (FY20 \$5,700,000) will be used for PE phase.
  9. UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) will be used for PE phase.
  10. UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  11. UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) will be used for PE phase.
  12. UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) will be used for PE phase.
  13. UPC RRTPO000: Maintenance: Preventive Maintenance for Bridge; Grouping -Districtwide. BR, NHS/NHPP, STP/STBG funds (\$49,044,410) will be used.
  14. UPC 109260: Hanover County Pole Green Rd Widening from Bell Creek Road to Rural Point Road. AC/ AC Conversion funds (\$1,600,000) will be used for PE phase.

- Received FY18- FY21 TIP adjustment requests for 14 TIP projects from VDOT on 5/5, 5/7, 5/19, and 5/26/20 as follows:
  1. UPC 103393: Trolley Line Trail from Maple St Ex to Trolley Line Trail Park-Town of Ashland
  2. UPC 59166: Rte 607 (Wayside Rd) Minor Widening- Charles City County
  3. UPC 102952: Rte 10 Widening from I-95 to Rte 1- Chesterfield County
  4. UPC 104890: Rte 360 E Widening from Lonas Pkwy to Castle Rock Rd- Chesterfield County
  5. UPC 56181: Rte 33 Add Left Turn Lanes at Rte 623 (Ashland Rd)-Hanover County
  6. UPC 81667: Rte 615 (Creighton Rd) Roundabout- Hanover County
  7. UPC 103014: Rt 623 (Cedar Ln) Improve Intersection at Rt 1- Hanover County
  8. UPC 104875: Rte 606 (Studley Rd) Roundabout- Hanover County
  9. UPC 60933: Rte 9999 Dabbs House Rd Reconstruction from Nine Mile Rd to E Richmond Rd- Henrico County
  10. UPC 60934: Rte 9999 Sadler Rd Widen & Reconstruction from Dominion Blvd to Cedar Branch Ct- Henrico County
  11. UPC 104880: Construct Sidewalk on Ridgefield Parkway- Henrico County
  12. UPC 104887: Rt 60 Bridge Rehabilitation at Rt 161 (Belt Blvd)- City of Richmond
  13. UPC 106246: Cannon Creek Greenway Pedestrian & Bicycles from Valley Rd to Hospital Rd- City of Richmond
  14. UPC 114631: RMT Emergency Bulkhead Repair- Port of Richmond.
  15. UPC 111466: I-95 Aux Lanes (nb & sb) from Rte 288 to Rte 10- Chesterfield County
- The TIP adjustment document for these 14 TIP projects has been prepared and submitted to VDOT at the beginning of June.
- Based on TIP adjustment requests from VDOT on 5/5, 5/7, and 5/19/20, the TIP adjustments for 12 projects were conducted and submitted to VDOT on 6/9/20 as follows:
  - UPC 59166: Rte 607 (Wayside Rd) Minor Widening-Charles City County
  - UPC 102952: Rte 10 Widening from I-95 to Rte 1-Chesterfield County
  - UPC 104890: Rte 360 E Widening from Lonas Pkwy to Castle Rock Rd- Chesterfield County
  - UPC 56181: Rte 33 Add Left Turn Lanes at Rte 623 (Ashland Rd)-Hanover County
  - UPC 81667: Rte 615 (Creighton Rd) Roundabout-Hanover County
  - UPC 103014: Rt 623 (Cedar Ln) Improve Intersection at Rt 1-Hanover County
  - UPC 104875: Rte 606 (Studley Rd) Roundabout-Hanover County
  - UPC 60933: Rte 9999 Dabbs House Rd Reconstruction from Nine Mile Rd to E Richmond Rd-Henrico County
  - UPC 104887: Rte 60 Bridge Rehabilitation at Rte 161 (Belt Blvd) -City of Richmond
  - UPC 106246: Cannon Creek Greenway Pedestrian & Bicycles from Valley Rd to Hospital Rd-City of Richmond
  - UPC 114631: RMT Emergency Bulkhead Repair-Port of Richmond.

- UPC 111466: I-95 Aux Lanes (nb & sb) from Rte 288 to Rte 10 -Chesterfield County

The updated TIP was placed on the RRPDC web site.

- Based on TPO approval for 14 TIP amendment projects at the 6/4/20 TPO meeting, the amendment documents were submitted to VDOT on 6/9/20 as follows:
  - UPC 116597: #I95 CIP Project Refinement - Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  - UPC 116651: #I95 CIP CCTV Program UPC Funding Source Only – Statewide. Fed AC Other funds (FY20 \$15,605,683) will be used for PE phase.
  - UPC 116652: #I95 CIP Changeable Message Signs Program UPC – Statewide. Fed AC Other funds (FY20 \$3,240,000) will be used for PE phase.
  - UPC 116653: #I95 CIP Safety Service Patrols Program UPC – Statewide. Fed AC Other funds (FY20 \$4,100,000) will be used for PE phase.
  - UPC 116654: #I95 CIP Trip Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$2,200,000) will be used for PE phase.
  - UPC 116655: #I95 CIP Towing Program UPC – Statewide. Fed AC Other funds (FY20 \$1,200,000) will be used for PE phase.
  - UPC 116656: #I95 CIP Variable Speed Limits Program UPC – Statewide. Fed AC Other funds (FY20 \$15,144,615) will be used for PE phase.
  - UPC 116657: #I95 CIP Ramp Metering Program UPC – Statewide. Fed AC Other funds (FY20 \$5,700,000) will be used for PE phase.
  - UPC 116658: #I95 CIP Geofenced Emergency Notifications Program UPC – Statewide. Fed AC Other funds (FY20 \$200,000) will be used for PE phase.
  - UPC 116659: #I95 CIP Advanced Work Zone Technology Program UPC – Statewide. Fed AC Other funds (FY20 \$1,000,000) will be used for PE phase.
  - UPC 116660: #I95 CIP Regional Multimodal Mobility Program UPC – Statewide. Fed AC Other funds (FY20 \$5,400,000) will be used for PE phase.
  - UPC 116661: #I95 CIP Corridor Tech Improvements Program UPC – Statewide. Fed AC Other funds (FY20 \$4,300,000) will be used for PE phase.
  - UPC RRTPO000: Maintenance: Preventive Maintenance for Bridge; Grouping -Districtwide. BR, NHS/NHPP, STP/STBG funds (\$49,044,410) will be used.
  - UPC 109260: Hanover County Pole Green Rd Widening from Bell Creek Road to Rural Point Road. AC/ AC Conversion funds (\$1,600,000) will be used for PE phase.

The updated TIP was placed on the RRPDC web site.

- Based on TIP adjustment requests from VDOT on 5/7 and 5/28/20, the adjustment documents for two projects were submitted to VDOT on 6/23/20 as follows:
  - UPC 103393: Trolley Line Trail from Maple St Ext to Trolley Line Trail Park-Town of Ashland
  - UPC 60934: Rte 9999 Sadler Rd Widen & Reconstruction from Dominion Blvd to Cedar Forest Rd- Henrico CountyThe updated TIP was placed on the RRPDC web site.

*Regional Surface Transportation Block Grant (RSTBG) and Congestion Mitigation Air Quality (CMAQ)*

- Based on an RRTPO approval (6/27/19) and a VDOT PD-24 request (July 24), shifted \$1,250,000 RSTBG funds from the Chesterfield Rt. 60 (Springrock/Stonebridge Boulders) sidewalk RSTBG project (#113834) to the Chesterfield Rt 60 (Boulders Parkway - Ruthers Rd) shared-use path CMAQ project (#115063) on Jun 27, and the updated tracking sheets were submitted to VDOT on July 31. The updated tracking sheets were placed on the RRPDC website on July 31.
- Received a PD-24 request from VDOT to transfer \$94,534 RSTBG funds from the Chesterfield Rt 288/Commonwealth Pkwy & Bailey Bridge connector project (#109191) to the Regional project (#101492) on 7/18/19, and updated RRTPO tracking sheets were submitted to VDOT on July 22. The updated tracking sheets were placed on the RRPDC website. Submitted RRTPO tracking sheets to VDOT on 8/1/19. The tracking records were:  
Based on VDOT PD-24 request on 8/1/19, shifted \$83,655 RSTBG funds (FY12 \$4,369 from the Richmond bike sharrows project, #100490; and FY12 \$79,286 from the Richmond sharrows project, #100491) to the regionwide project (#101492) on 8/1/19. The updated tracking sheets were placed on the RRPDC web site on 8/1/19.
- Based on an RRTPO approval (June 27) and a VDOT PD-24 request (July 24), shifted \$1,250,000 RSTBG funds from the Chesterfield Rt 60 (Springrock/Stonebridge Boulders) sidewalk RSTBG project (#113834) to the Chesterfield Rt 60 (Boulders Parkway - Ruthers Rd) shared-use path CMAQ project (#115063) on June 27, and the updated tracking sheets were submitted to VDOT on July 31. The updated tracking sheets were placed on the RRPDC website on July 31.
- Reviewed FY21 – FY26 RSTBG/CMAQ project application schedule:
  - Application submission: September 2019 thru November 2019
  - Project screening: November 2019 thru January 2020
  - Project prioritization: January 2020 thru March 2020
  - TAC recommendation: March 2020
  - RRTPO approval: April 2020
- Prepared RSTBG and CMAQ active project lists by jurisdiction and by agency. These lists will be used for review and discussion with local staffs in November 2019.

- Received VDOT PD-24s requesting transfers of RSTBG and CMAQ allocated funds for five projects on 10/28/19 as follows:

RSTBG Funds

- Shifts \$250,000 FY19 RSTBG funds from the Richmond Marine Terminal (RMT) gate improvement project (#113832) to the Henrico County Parham Road and Hungary Road bike and pedestrian study project (#115001).
- Shifts \$300,000 FY19 RSTBG funds from the Richmond Marine Terminal (RMT) gate improvement project (#113832) to the RMT I-95/Commerce Road access study project (#T22779).

CMAQ Funds

- Shifts \$503,260 CMAQ funds from the Henrico County John Rolfe Pkwy sidewalk project (104881) to the Chesterfield County Route 60 Shared-use path between Boulders Pkwy and Ruthers Road project (#115063). The \$503,260 CMAQ funds consist of FY16 \$178,260 and FY18 \$325,000 CMAQ funds.
- Shifts \$59,320 CMAQ funds from the regionwide traffic operations improvements project (#101492) to the Richmond Arthur Ashe Park-and-Ride bus purchase project (#115222). The CMAQ funds \$59,320 consist of FY16 \$178,260 and FY18 \$325,000.
- Shifts \$177,740 CMAQ funds from the regionwide traffic operations improvements project (#101492) to the Chesterfield County Route 60 Shared-use path between Boulders Pkwy and Ruthers Road project (#115063). The \$177,740 CMAQ funds consist of FY08 \$147,340—State match only, FY12 \$24,400 CMAQ funds and FY16 \$6,000 CMAQ funds.
- Reviewed FY21 – FY26 RSTBG/CMAQ application projects:
  - Local members submitted their RSTBG and CMAQ projects to RRTPO by 11/1/19.
  - Prepared active RSTBG and CMAQ projects listing by jurisdiction and by agency, and application projects have been compared with the active projects.
  - TPO staff met local staff to review local active RSTBG and CMAQ projects and local submitted application projects in the following amounts:

**RSTBG:** Requested total \$75,507,190 for 26 projects:

Ashland--\$1,550,000 for 2 projects  
Chesterfield--\$27,121,000 for 10 projects  
Goochland--\$499,000 for 1 project  
Hanover--\$8,378,839 for 1 project  
Henrico--\$29,613,901 for 8 projects  
Richmond--\$8,100,000 for 3 projects  
RRTPO--\$243,550 for 1 project

**CMAQ:** Requested total \$68,021,167 for 20 projects:

Ashland--\$550,000 for 1 project

Chesterfield--\$30,151,000 for 8 projects  
Henrico--\$25,559,667 for 6 projects  
Richmond--\$11,250,000 for 4 projects  
RideFinders--\$510,500 for 1 project

**Total requested amounts:** \$143,528,357.

- Scorings for new FY21 – FY26 RSTBG and CMAQ candidate projects: Met VDOT staff (Mark, Liz, and Jake), DRPT staff (Tiffany), and TPO staff (Chet, Myles and Greta) to assign scorings for 32 candidate projects (RSTBG 12, CMAQ 6 and both 14) at the TPO office on 1/21/2020.

Requested new RSTBG and CMAQ funds are as follows:

- FY21: \$14,023,454
  - FY22: \$14,712,000
  - FY23: \$21,141,165
  - FY24: \$18,188,308
  - FY25: \$6,885,920
  - FY26: \$27,720,313
- Reviewed FY21 – FY26 RSTBG and CMAQ existing projects and allocations that were included the February 11, 2020 TAC meeting agenda package. The TAC reviewed and discussed the existing projects and allocations.
  - Reviewing potential FY21 – FY26 RSTBG and CMAQ new projects and allocations that TAC will discuss at the March 10, 2020 TAC meeting.
  - Based on TAC review and recommendation to TPO, reviewed FY21 – FY26 RSTBG and CMAQ prioritization included in the April 2 TPO meeting agenda package.
  - Continue to review potential FY21 – FY26 RSTBG and CMAQ new projects and allocations that TAC discussed and recommended to TPO at the March 10 TAC meeting.
  - Reviewed the Emission Reductions Analysis (ERA) with potential FY21 – FY24 new CMAQ projects. Expected to receive final FY21 – FY24 CMAQ projects from VDOT.
  - Reviewed proposed FY21 – FY24 RSTP allocations and projects that were included in the May 7 TPO meeting agenda package.
  - Based on TAC review and recommendation to TPO, reviewed FY21 – FY26 RSTBG and CMAQ existing projects and allocations that were included in the 4/2/20 TPO meeting agenda package.
  - Continued to review potential FY21 – FY26 RSTBG and CMAQ existing and new projects and allocations.

### *Annual Obligation Report*

The FY19 Annual Obligation Report using VDOT and DRPT reports was prepared using the TPO report format and placed on the RRPDC web site on 12/13/19. This report has three parts: Introduction/Description Section, Highway Section, and Transit Section.

### *Transportation Alternatives Set-Aside Projects*

- Reviewed local projects (Chesterfield, Goochland, Henrico, Powhatan, and Richmond)
  - FY21 – FY22 TA Set-Aside projects that need the RRTPO policy board endorsement. These projects were included in the October RRTPO policy board meeting agenda package as follows:
    - Chesterfield Courthouse (Courts Complex – Rt.10) Trail
    - Chesterfield Rt 1 (Gettings - Dwight) SW/Bike Project
    - Goochland West Creek Trail – Leg 2
    - Henrico Lakeside Community Trail – Phase I
    - Henrico Lakeside Community Trail – Phase II
    - Henrico Lakeside Community Trail – Phase II
    - Henrico Nuckols Road Corridor Shared Use Path
    - Powhatan Courthouse Village Sidewalk Extension
    - Richmond Tredegar Street Sidewalk
    - Richmond Greene Elementary School-Safe Route to School-Phase II
    - Richmond Carnation Street Sidewalk – Phase II
    - Richmond state Route 161 (Westover Hills Boulevard) Bike Infrastructure-Phase I
    - Richmond state route 147 (Main Street) Pedestrian Curb Extensions-Phase I
    - Richmond 1st, 2nd, and 3rd Street Bike Infrastructure-Phase II
    - Richmond Browns Island multiuse Trail Connection to T. Potterfield Bridge
    - Richmond Maymont Neighborhood Sidewalk- Phase II
    - Richmond state Route 161 (Park Drive/ Blanton Ave) Bike Infrastructure Phase II
    - Richmond state Route 147 (Cary Street) Pedestrian Curb Extensions-Phase II
    - Richmond Commerce Road Pedestrian Curb Ext
- Compared Transportation Alternatives Set-Aside project applications between last time cycle and this time cycle.
  - While there were 13 applications in the last time cycle, there were 21 applications in this time cycle.
  - The CTB TA fund allocations for Richmond and Tri-Cities area were \$2,071,085 for FY19/FY20 in the last time cycle. The CTB will allocate FY21/FY22 TA funds soon (not available yet).
  - The balance of TA funds in the last time cycle is \$845,372.
- Involved FY21/FY22 TA project selection process. Selected 7 candidate projects and submitted to TAC to discuss and recommend to TPO at the February 11, 2020 TAC meeting. The TPO will approve these projects at the March 5, 2020 TPO meeting. Candidate Projects are shown on the following page.

Table 1: FY21/22 TA Candidate Projects

Jurisdic.	Project	Total Cost	Total Expected Request	Current Request	New / Existing	FY19/FY20	FY21/FY22	TPO Total
Richmond	Rt 161 bike infra (phase I)	\$500,000	\$400,000	\$400,000	New	\$400,000	\$ -	\$400,000
Chesterfield	Rt 1 (Getting - Dwight) SW/bike project	\$575,000	\$460,000	\$460,000	New	\$445,372	\$14,628	\$460,000
Richmond	Greene Elementary pedestrian (phase II)	\$675,000	\$540,000	\$540,000	New	\$ -	\$540,000	\$540,000
Chesterfield	Pedestrian HAWK signal at Rt 1 & Marina	\$476,000	\$380,800	\$380,800	New	\$ -	\$380,800	\$380,800
Richmond	Maymont sidewalk (phase II)	\$430,000	\$344,000	\$344,000	New	\$ -	\$344,000	\$344,000
Richmond	Rt 161 bike infra (phase II)	\$499,778	\$399,822	\$440,000	New	\$ -	\$399,822	\$399,822
Chesterfield	Courthouse (Courts Complex - Rt 10) trail	\$550,000	\$440,000	\$440,000	New	\$ -	\$440,000	\$440,000
Available Funds						\$845,372	\$2,123,924	\$2,969,296
Total Allocations						\$845,372	\$2,119,250	\$2,964,622
Remaining						\$ -	\$4,674	\$4,674
						0.00%	0.20%	0.20%

- Based on the TPO approval of seven TA projects on March 5, inserted these projects into the TPO TA Set-Aside project allocation tracking sheets. The approved projects are as follows:

Chesterfield:

- Route 1 SW bike project from Getting Rd to Dwight Ln
- Pedestrian HAWK signal at Route 1 and Marina Dr
- Courthouse trail from Courts Complex - Rt 10

Richmond:

- Rt 161 bike infra (phase I)
- Greene Elementary pedestrian (phase II)
- Maymont sidewalk (phase II)
- Rt 161 bike infra (phase II)

- Based on the TPO approval of seven FY21/22 TA projects, inserted the projects in the TA Set-Aside project allocation tracking sheets and updated tracking sheet formats.

#### 7430 Rail, Freight, Intermodal Planning

##### *Staples Mill Road Station Advance Planning and Design Study*

- Staff is serving on a stakeholder's group for this study funded and supported by DRPT. The Station and the station area are the focus of the study, and meetings held in May and June to explore opportunities for a transit-oriented development of the Staples Mill corridor.
- Final presentation by the consultant for review and input from the stakeholder's group is scheduled for July 17<sup>th</sup>. This will include both the conceptual design of the station as well as the corridor cross-sections.
- Consultant team plans to complete preliminary engineering in September 2020.

## **Agenda Item B.1.**

### *FY20 Unified Planning Work Program (UPWP) Budget Amendment*

#### **REQUESTED ACTION**

*The Richmond Regional Transportation Planning Organization (RRTPO) Policy Board is requested to review and approve the proposed FY20 Unified Planning Work Program (UPWP) budget amendment. Following RRTPO action, the amended work program will be submitted to VDOT, DRPT, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).*

#### **RESOLUTION**

*The following resolution is presented to the RRTPO Policy Board for approval:*

***RESOLVED,*** that the Richmond Regional Transportation Planning Organization (RRTPO) approves the amendment to the RRTPO Fiscal Year 2020 Unified Planning Work Program as presented.

***BE IT FURTHER RESOLVED,*** that the RRTPO action to amend the UPWP, as submitted, meets all requirements noted in the VDOT/RRPDC Agreement for the Utilization of Federal and State Funds to Support Metropolitan Planning in the Richmond Area as provided in Article III, Statement of Work, which includes VDOT and FHWA approval of this RRTPO action and amending the FY20 UPWP.

## **RRTPO POLICY BOARD AGENDA 9/3/20; ITEM B.1.**

### **FY20 UNIFIED PLANNING WORK PROGRAM (UPWP) BUDGET AMENDMENT**

#### **Richmond Regional Transportation Planning Organization**

**REQUESTED ACTION:** The Richmond Regional Transportation Planning Organization (RRTPO) Policy Board is requested to review and approve the proposed FY20 Unified Planning Work Program (UPWP) budget amendment. Following RRTPO action, the amended work program will be submitted to VDOT, DRPT, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

**BACKGROUND:** The FY20 Unified Planning Work Program (UPWP) is the RRTPO budget and work program for the previous fiscal year that ran from July 1, 2019 through June 30, 2020. Activities programmed in the UPWP address federal and state requirements and address regional transportation planning issues and needs. Additionally, the UPWP addresses the requirements that are required as a condition for the state and region to remain eligible for federal-aid highway and transit funds. The funding sources supporting the RRTPO program activities come from federal, state and local funds.

The two primary funding sources supporting the UPWP are: FHWA/Planning funds and FTA Section 5303 funds. These two federal fund sources are matched by state and local sources on an 80% federal (FHWA and FTA) 10% state (VDOT and DRPT), and 10% local (RRPDC member dues and RRTPO special assessment) basis. Additional funding in the UPWP includes FHWA/Regional Surface Transportation Program funds that support an on-call consultant working with the RRTPO on the development and analysis of the Regional Travel Demand Model.

#### Program Development and Work Priorities

As part of the UPWP development process, a summary of work tasks is prepared based on anticipated needs for the upcoming year with estimates of staff time required for each effort. These work activities are translated into corresponding budgets which are included in each section of the work program. The programmed budget includes the fund sources and the match sources. The UPWP was initially adopted by the RRTPO on June 27, 2019.

#### Final Allocation of Federal Funds

As Fiscal Year 2020 closed out, there was an overage in spending from 5303 sources related to Work Task 7210: Public Outreach & Equity Analysis. While there were sufficient funds to cover these expenditures in staff time from our grant sources, after consultation with state partners it was determined that the best course of action was to adjust the FY20 UPWP. The proposed changes to the UPWP shift funds allocated from grant sources to cover the additional time used on Task 7210. The total allocations for each work task do not change, just the funding sources under those work tasks. The following internal shifts were made for each work task from 5303 and 5303 CO fund sources to address shortfalls in final time allocations for the fiscal year:

- 7110 Program Management was reduced (\$5,288)
- 7120 UPWP, Budget, & Contract Admin was reduced (\$1,528)
- 7210 Public Outreach & Equity Analysis was increased \$7,601
- 7310 Long-Range Transportation Plan was reduced (\$9,970)
- 7320 Travel Demand Model & Emis Analysis was increased \$1,718
- 7330 Transit was increased \$11,353
- 7340 Active Transport – Bicycle & Ped was decreased (\$1,935)
- 7430 Rail, Freight & Intermodal Planning was decreased (\$1,951)

**TAC RECOMMENDATION:** TAC recommends that the RRTPO Policy Board support the revision to the FY20 UPWP budget.

**ACTION REQUESTED:** The following resolution is presented for RRTPO Policy Board approval:

**RESOLVED,** that the Richmond Regional Transportation Planning Organization (RRTPO) approves the amendment to the *RRTPO Fiscal Year 2020 Unified Planning Work Program* as presented.

**BE IT FURTHER RESOLVED,** that the RRTPO action to amend the UPWP, as submitted, meets all requirements noted in the VDOT/RRPDC Agreement for the Utilization of Federal and State Funds to Support Metropolitan Planning in the Richmond Area as provided in Article III, Statement of Work, which includes VDOT and FHWA approval of this RRTPO action and amending the FY20 UPWP.

## **Agenda Item B.2.**

*FY21-FY26 RSTBG/CMAQ Allocations*

**REQUESTED ACTION:** *Review and approval of the FY21 – FY26 RSTBG and CMAQ allocations.*

### **RESOLUTION**

*The following resolution is presented for RRTPO Policy Board review and approval:*

***RESOLVED***, that the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board approves the allocation and transfer of Regional Surface Transportation Block Grant (RSTBG) and Congestion Mitigation and Air Quality (CMAQ) funds as presented.

4

## **RRTPO POLICY BOARD AGENDA 9/3/20; ITEM B.2.**

### **FY21 – FY26 RSTBG/CMAQ ALLOCATIONS**

#### **Richmond Regional Transportation Planning Organization**

**REQUESTED ACTION:** Review and approval of the FY21 – FY26 RSTBG and CMAQ allocations.

**BACKGROUND:** Selecting and prioritizing projects for funding is one of the primary roles of the RRTPO in developing the regional transportation system. Projects selected by the TPO to receive funding are included in the Six-Year Improvement Program (SYIP) for adoption by the Commonwealth Transportation Board (CTB). While SYIP development was suspended, staff worked with VDOT to undertake a comprehensive review of the existing allocations.

Previously selected projects were reviewed for consistency with proposed schedules. Existing allocations were found to be largely front-loaded, meaning funding was allocated early in the project timeline and not matched to the project schedule. The VDOT Richmond District staff helped to rebalance funding to match the current schedules.

In the spring, the TPO approved a prioritization of new project applications. Draft allocations were developed based on this ranking. Staff requested additional feedback at the June TAC meeting and has incorporated requested changes to the extent possible.

At TAC's request, staff prepared two allocation plans. Approach A followed the normal TPO approach of increasing the balance entry from 0% in year 1 to 30-40% by year 6. Approach B was an alternative approach based on the practice in Hampton Roads with a consistent 5% balance across all six years.

Project cost estimates were requested in 2019 dollars during the application window in the fall. When programming new projects, costs were inflated at a consistent 2.5% per year to the start of the phase. This is the approach used in previous rounds of Smart Scale. Inflation was not applied to studies or TDM programs as these projects do not require multiple phases of funding.

Beyond the six-year program, a table of future commitments has been created. Many projects have schedules which last more than a few years. To ensure funding is available for these projects, the needed allocations for future years is also documented. For future allocation cycles, this will allow TPO staff to easily estimate the available funding before the application period in the fall and to ensure funding is not oversubscribed for future phases.

**TAC RECOMMENDATION:** TAC reviewed the draft allocations plans at its August meeting. TAC voted to recommend the Alternative A allocation plan which is attached to this report. TAC further recommended that the additional projects

which would have received funding under Alternative B be prioritized for funding in the FY22 – FY27 RSTP/CMAQ project selection process. Due to this second part of the motion, TAC action on the item was narrowly decided with 5 votes in favor, 4 opposed, and 2 abstentions.

**PUBLIC COMMENT:** A comment page was created on the TPO website in accordance with the Public Engagement Plan. The page contained a map of the new project submissions and the recommended allocation plan. Requests for comment were sent to committee members and interested parties. The comment period ran from August 18 to September 2. Any comments received will be shared with the policy board before action is taken.

**STAFF RECOMMENDATION:** Staff disagrees with the TAC recommendation in part. To prioritize funding for projects not selected this round goes against the process laid out in the adopted RSTP/CMAQ project selection guidelines. The normal TPO practice is for sponsoring localities to resubmit unsuccessful projects in the next round of allocations to be rescored and compete with other new submissions. This process ensures only the best projects receive funding each year.

Under Task 7420.1 in the FY21 UPWP, staff has convened a small group of TAC members to begin a review and update of the project selection guidelines. Changes to the project scoring and selection process are all being considered as part of this review. Major changes to the process (such as prioritization of previously unsuccessful local priority projects) can be discussed and considered through this subcommittee. The recommendations of this group will be vetted and approved through the full TAC and policy board before implementation.

Staff recommends approval of the allocations plan recommended by TAC without prioritizing the projects from the alternative plan. The TPO should follow its normal process of competitive scoring for the upcoming FY22 – FY27 cycle. Any significant changes to the scoring and prioritization process can be addressed through the guidelines updates which are expected to be adopted by the end of this fiscal year.

**REQUESTED ACTION:** The policy board is requested to review and take action on the following resolution:

*The Richmond Regional Transportation Planning Organization (RRTPO) Policy Board approves the allocation and transfer of Regional Surface Transportation Block Grant (RSTBG) and Congestion Mitigation and Air Quality (CMAQ) funds as presented including selection of the following new projects:*

RSTBG

<u>Project</u>	<u>Type</u>
Scenario Planning Pilot (RRTPO)	Study
W Broad St Intersection Improvements at Dominion and Cox (Henrico)	Highway
US 360 Superstreets Study (Chesterfield)	Study

Route 60 Corridor Improvement Study (Chesterfield)	Study
W Broad St Pedestrian and Transit Imp. - Glenside Dr to Parham Rd (Henrico)	Bike/Ped
Route 1 (Holiday Lane - Willis Road) Shared-Use Path (Chesterfield)	Bike/Ped
IJR - Route 288 – West Creek Area (Goochland)	Study

#### CMAQ

<u>Project</u>	<u>Type</u>
Richmond Signal System – Phase IV (Richmond)	Highway
Route 1 (Marina Dr - Merriewood Rd) Shared-Use Path (Chesterfield)	Bike/Ped
Nuckols Rd Pedestrian Improvements (Henrico)	Bike/Ped
Brook Rd & Hilliard Rd Trail (Henrico)	Bike/Ped
Old Bermuda Hundred Rd at Ramblewood Dr Roundabout (Chesterfield)	Highway
Rt 33-60-Beulah Roundabout – PE Phase Only (Henrico)	Highway
Brad McNeer Pkwy Access Management and Roundabout (Chesterfield)	Highway

[TAC Recommendation]

*The RRTPO policy board prioritizes the following projects for funding in the FY22 – FY27 application cycle:*

#### RSTBG

<u>Project</u>	<u>Type</u>
Route 60 (Providence Road - Ruthers Road) Shared-Use Path (Chesterfield)	Bike/Ped
Hull Street Project Phase II Chippenham Pkwy to Hey Rd (Richmond)	Highway
Springfield Road Intersection Improvements (Henrico)	Highway
Magellan Parkway Extension Project – PE Phase Only (Henrico)	Highway
Centralia Road at Old Wrexham Road Roundabout (Chesterfield)	Highway
Vaughan Road Overpass – PE Phase Only (Ashland)	Highway

#### CMAQ

<u>Project</u>	<u>Type</u>
Ashcake Rd Pedestrian Improvements (Ashland)	Bike/Ped

MAB

Attachment

ALTERNATIVE A - FY21 - FY26 CMAQ FUNDS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21-FY26 CMAQ	Other Planned Funds	Balance to Complete	NOTES
GRTC	-20113	GRTC REPLACEMENT OF ROLLING STOCK CNG BUSES (FY22)	\$2,465,420	\$1,852,270		\$698,150					\$698,150	\$0	(\$85,000)	At sponsor request, transfer \$85k in FY16 CMAQ from T9717 to this project; estimate needs to be updated; funding already flexed to FTA
Henrico	115201	Patterson Avenue Sidewalks	\$1,366,000	\$0		\$200,000	\$270,000	\$896,000			\$1,366,000	\$0	\$0	
Chesterfield	115784	Meadowdale Blvd (Dalebrook Drive to Beulah Rd) Ped-Bike Imps	\$3,660,000	\$0		\$500,000		\$500,000		\$2,660,000	\$3,660,000	\$0	\$0	CN balance in FY27
Port of Virginia	115815	I-64 Express Barge Service Expansion	\$3,000,000	\$0		\$410,000	\$2,590,000				\$3,000,000	\$0	\$0	Advanced some of the funding per sponsor request
Henrico	109951	Henrico County Automated Traffic Management System (ATMS)	\$9,805,731	\$5,962,692	\$2,555,441	\$1,287,598					\$3,843,039	\$0	\$0	
Chesterfield	113843	Route 1 (Merriewood Rd to Elliham Ave) Sidewalk	\$1,250,000	\$450,000		\$800,000					\$800,000	\$0	\$0	
Chesterfield	115063	Route 60 (Ruthers Rd-Stonebridge Plaza Ave) Shared-Use Path	\$5,504,000	\$954,000	\$262,500	\$340,000	\$2,737,178	\$110,822			\$3,450,500	\$1,099,500	\$0	Receive a transfer of \$273,000 previous RSTP funds from UPC 106296.
Henrico	101034	#HB2.FY17 RTE 6 PATTERSON AVE AT PARHAM RD INTERSECTION	\$12,754,186	\$5,458,731	\$2,525,000	\$2,525,000					\$5,050,000	\$3,491,269	(\$1,245,814)	Smart Scale project so surplus cannot be removed.
Henrico	106299	PEDESTRIAN & SIGNAL IMPRMNTS - VARIOUS LOCATIONS (AZALEA)	\$1,615,000	\$615,000	\$1,000,000						\$1,000,000	\$0	\$0	
Henrico	109190	LABURNUM AVENUE SIDEWALK	\$961,391	\$515,309	\$318,664	\$127,418					\$446,082	\$0	\$0	
Ridefinders	-203	Regionwide Air Pollution Reduction Program - Ridefinders	N/A		\$509,000	\$509,000	\$509,000				\$1,527,000	\$0	N/A	Funding FY21 - FY23 per TAC for this approach. Annual application to continue funding
Richmond	-1811	City of Richmond: Employee Trip Reduction Program	N/A	\$86,447	\$23,553						\$23,553	\$0	N/A	Added \$86,447 in previous closeout funds from balance entry 101492 (\$9,706 in FY10, \$76,741 in FY16); balance of request in FY21
Richmond	105890	Richmond Signal System - Phase III	\$7,340,000	\$6,312,350	\$1,027,650						\$1,027,650	\$0	\$0	City requested \$1,027,650 for CN phase. Estimate in VDOT system needs to be updated (bid - \$6,979,000)
Richmond	New	Richmond Signal System – Phase IV	\$5,488,000	\$0			\$1,293,000	\$3,000,000	\$1,195,000		\$5,488,000	\$0	\$0	

ALTERNATIVE A - FY21 - FY26 CMAQ FUNDS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21-FY26 CMAQ	Other Planned Funds	Balance to Complete	NOTES
Chesterfield	111712	Route 1 (Marina Drive - Merriewood Road) Shared-Use Path	\$2,496,640	\$400,000		\$414,000					\$414,000	\$1,682,640	\$0	Smart Scale Project - balance for increased cost. Fully funds
Henrico	New	Nuckols Road Pedestrian Improvements	\$2,160,000	\$0				\$332,000		\$412,000	\$744,000	\$0	\$1,416,000	RW balance in FY 27, CN in FY28
Henrico	New	Brook Road & Hilliard Road Trail	\$4,757,000	\$0				\$298,500	\$298,500	\$887,000	\$1,484,000	\$0	\$3,273,000	CN in FY28
Chesterfield	New	Old Bermuda Hundred Road at Ramblewood Drive Roundabout	\$5,146,000	\$0				\$525,000	\$500,000	\$406,000	\$1,431,000	\$0	\$3,715,000	CN in FY27/FY28
Henrico	New	Rt 33-60-Beulah Roundabout	\$5,519,000	\$0				\$689,000			\$689,000	\$0	\$4,830,000	Project has PE, RW, and CN phases. Applicant requested funding for PE only and will seek funding for balance from other sources
Chesterfield	New	Brad McNeer Parkway Access Management and Roundabout	\$9,336,000	\$0				\$530,000	\$4,210,000	\$1,046,000	\$5,786,000	\$0	\$3,550,000	CN in FY27
N/A	101492	Richmond Region-wide Traffic/Operations Improvements	N/A	N/A	\$0	\$410,642	\$822,630	\$1,823,487	\$2,663,919	\$3,621,794				
			Available Funding		\$ 8,221,808	\$ 8,221,808	\$ 8,221,808	\$ 8,704,809	\$ 8,867,419	\$ 9,032,794				
			Allocations		\$ 8,221,808	\$ 8,221,808	\$ 8,221,808	\$ 8,704,809	\$ 8,867,419	\$ 9,032,794				
			Difference		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Goochland	105733	RTE 623 - IMPROVE INTERSECTION	\$5,476,000	\$0		\$729,000		\$311,959	\$4,417,000		\$5,457,959	\$18,041	\$0	Per local schedule; PE in FY22, RW in FY24, CN in FY25; \$18,041 in Tele funds in FY23
Charles City	106296	RTE 155 - CONSTRUCT TRAIL (PE Only)	\$400,000	\$0		\$400,000					\$400,000	\$0	\$0	Move whole project estimate to FY22. Transfer \$273,000 previous RSTP funds to UPC 115063.
Henrico	109194	#SMART20 - PARHAM RD TRAFFIC SIGNAL AND SIDEWALK PROJECT	\$4,460,000	\$430,000			\$972,500	\$1,387,500	\$335,000		\$2,695,000	\$1,335,000	\$0	
Hanover	109260	POLE GREEN RD WIDENING	\$20,000,000	\$5,764,452		\$1,600,000		\$3,500,000	\$4,000,000	\$3,834,748	\$12,934,748	\$1,300,800	\$0	Kept current funding scheme (partial RW, full PE, CN)
Chesterfield	113846	Early Settlers Rd Sidewalk: Robius Rd to Hospital/Park	\$1,170,000	\$0		\$270,000	\$150,000	\$750,000			\$1,170,000	\$0	\$0	
Hanover	115195	Atlee Station Rd Widening	\$31,529,239	\$0					\$2,500,000	\$4,000,000	\$6,500,000	\$20,650,400	\$4,378,839	Local schedule: PE - 8/3/2020; RW - 5/22/23; CN - 5/2/26 per application. CN balance in FY27 per schedule
Richmond	115200	Hull Street Improvement Project Phase III	\$11,664,209	\$0				\$727,127	\$1,213,420	\$3,500,000	\$5,440,547	\$0	\$6,223,662	CN balance in FY27/FY28 per schedule
Henrico	115769	Libbie Avenue Road Diet - Bethlehem Rd to W Broad St	\$1,725,000	\$0		\$185,000	\$10,000	\$1,530,000			\$1,725,000	\$0	\$0	
Richmond	104888	#SGR - RTE 360 - REHAB MAYO BRIDGE	\$12,400,000	\$4,977,756		\$1,532,321	\$1,500,000				\$3,032,321	\$789,923	\$3,600,000	Balance to possibly be provided by a pending Revenue Sharing application request for \$3.6 million.
Chesterfield	115063	Route 60 (Ruthers Rd-Stonebridge Plaza Ave) Shared-Use Path	\$5,504,000	\$954,000	\$700,000	\$399,500					\$1,099,500	\$3,450,500	\$0	Receive a transfer of \$273,000 previous RSTP funds from UPC 106296 (included in previous)
Hanover	13551	#SMART18 - RTE 360 WIDENING	\$23,894,526	\$11,676,006			\$3,996,747	\$2,158,580			\$6,155,327	\$6,352,667	(\$289,474)	Smart Scale project so surplus cannot be removed.
Henrico	50529	RTE 9999 (THREE CHOPT ROAD) WIDEN TO 4 LANES	\$22,653,669	\$24,653,669			\$962,000				\$962,000	\$0	(\$2,962,000)	County to provide revised estimate. Anticipate estimate may be higher than current allocations
Henrico	104148	SADLER RD - RECONSTRUCTION	\$27,106,587	\$17,586,587		\$3,500,000	\$4,300,000	\$1,720,000			\$9,520,000	\$0	\$0	RW and CN only. PE under 60934. County requested an additional \$920,000.

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Richmond	104281	DEEPWATER TERMINAL RD - EXTEND EXISTING ROADWAY	\$5,325,800	\$3,928,898	\$568,102	\$498,800	\$330,000				\$1,396,902	\$0	\$0	
Chesterfield	104889	RT 10 (Whitepine to Frith) WIDENING	\$15,181,279	\$1,950,000	\$7,958,213	\$5,273,066					\$13,231,279	\$0	\$0	
Chesterfield	104890	RTE 360 E (Lonas Pkwy to Castle Rock Rd) - WIDENING	\$7,818,000	\$5,790,167	\$1,050,000	\$977,833					\$2,027,833	\$0	\$0	
Chesterfield	107085	RTE 641 - REPLACE SD BRIDGE FED ID 5280	\$6,019,000	\$4,019,000		\$1,379,000	\$621,000				\$2,000,000	\$0	\$0	
Henrico	109190	LABURNUM AVENUE SIDEWALK	\$961,391	\$515,309	\$127,418						\$127,418	\$318,664	\$0	
Ashland	112042	ROUTE 1 IMPROVEMENTS: ASHCAKE RD TO ARBOR OAK DR	\$9,696,729	\$1,096,891	\$2,550,999	\$1,094,568	\$3,390,086	\$1,564,185			\$8,599,838	\$0	\$0	
Port of Virginia	113832	Richmond Marine Terminal (RMT) Gate Impr. & New Drop-off Lot	\$2,550,000	\$845,417	\$852,300	\$852,283					\$1,704,583	\$0	\$0	
Henrico	113833	Three Chopt Rd Sidewalk Impr. (Dinwiddie Ave to Bexhill Rd)	\$2,165,000	\$365,000			\$1,800,000				\$1,800,000	\$0	\$0	
Richmond	19036	FOREST HILL AVENUE IMPROVEMENTS	\$14,189,886	\$12,700,956	<b>\$1,488,930</b>						\$1,488,930	\$0	\$0	Locality requested \$1.4M additional to finish construction phase. Shortfall fully funded
Chesterfield	101020	#HB2.FY17 RTE 10 (BERMUDA TRIANGLE RD TO MEADOWVILLE RD)	\$64,637,849	\$56,866,679	\$2,791,123						\$2,791,123	\$4,980,047	\$0	
Ashland	103393	ASHLAND TROLLEY LINE TRAIL	\$1,710,156	<b>\$1,645,599</b>	<b>\$64,557</b>						\$64,557	\$0	\$0	Locality request for additional \$135,000 for CN. Added \$70,443 in FY17/previous from balance entry UPC 101492. Balance in FY21
RRTPO	New	RRTPO Scenario Planning Pilot	\$243,550	\$0	<b>\$243,550</b>						\$243,550	\$0	\$0	
Henrico	New	W Broad St Intersection Improvements at Dominion and Cox	\$11,487,000	\$0	<b>\$379,334</b>	<b>\$379,333</b>	<b>\$379,333</b>	<b>\$1,580,000</b>	<b>\$800,000</b>		\$3,518,000	\$0	\$7,969,000	CN in FY27, FY28
Chesterfield	New	US 360 Superstreets Study	\$300,000	\$0	<b>\$300,000</b>						\$300,000	\$0	\$0	

ALTERNATIVE A - FY21 - FY26 RSTP ALLOCATIONS					ALLOCATIONS									
Sponsor	Project UPC	Description	Total Estimate	Total Previous Funds	FY21	FY22	FY23	FY24	FY25	FY26	FY21 - FY26 RSTP	Other Planned Funds	Balance to Complete	NOTES
Chesterfield	New	Route 60 Corridor Improvement Study	\$125,000	\$0	\$125,000						\$125,000	\$0	\$0	
Henrico	New	W Broad St Pedestrian and Transit Improvements - Glenside Dr to Parham Rd	\$11,272,000	\$0				\$1,125,000		\$820,000	\$1,945,000	\$0	\$9,327,000	RW in FY27/28; CN in FY29/30
Chesterfield	New	Route 1 (Holiday Lane - Willis Road) Shared-Use Path	\$4,370,000	\$0				\$332,000	\$1,600,000	\$2,438,000	\$4,370,000	\$0	\$0	Some CN funding in FY25 if project goes to ad early
Goochland	New	IJR - Route 288 (West Creek Area)	\$499,900	\$0	\$499,900						\$499,900	\$0	\$0	
N/A	101492	Richmond Region-Wide Traffic/Operations Improvements	N/A	\$0	\$0	\$1,004,997	\$2,046,708	\$4,161,200	\$6,377,925	\$7,053,120		N/A	N/A	
			Available Funding		\$ 19,699,426	\$ 20,075,701	\$ 20,458,374	\$ 20,847,551	\$ 21,243,345	\$ 21,645,868				
			Allocations		\$ 19,699,426	\$ 20,075,701	\$ 20,458,374	\$ 20,847,551	\$ 21,243,345	\$ 21,645,868				
			Difference		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				

## **Agenda Item B.3.**

### *Greater RVA Transit Vision Plan: Near-Term Strategic Technical Analysis*

#### **REQUESTED ACTION**

*Review and approval of the near-term Regional Transit  
Vision Plan.*

#### **RESOLUTION**

*The following resolution is presented for RRTPO Policy  
Board review and approval:*

**RESOLVED**, that the Richmond Regional Transportation  
Planning Organization (RRTPO) adopts the proposed plan  
for the Regional Transit Vision Plan Near-Term Strategic  
Technical Analysis of five corridor segments considered for  
enhanced transit in the near-term planning horizon (five to  
seven years).

## **Richmond Regional Transportation Policy Board AGENDA 9/3/20; ITEM B.3.**

### **GREATER RVA TRANSIT VISION PLAN: NEAR-TERM STRATEGIC TECHNICAL ANALYSIS**

#### **Richmond Regional Transportation Planning Organization**

**REQUESTED ACTION:** Review and approval of the near-term Regional Transit Vision Plan.

**BACKGROUND:** This study kicked off in May 2019. The purpose of the study is to analyze and recommend which of the high-frequency routes identified in the *Greater RVA Transit Vision Plan* (April 2017) can be implemented in the near-term with the greatest predictability of success. Of the 20 corridors slated by the original study for 20-minute or less service frequency, 12 corridors were selected through the first phase of screening. The initial screening analysis considered activity density, employment and working populations, environmental justice and transit dependent populations, existing GRTC network layout, potential near-term transit supportive development and steering committee feedback.

Findings from the second phase of analysis were reviewed and discussed with the TVP Steering Committee on December 10, 2019, with the TAC at their meeting on January 14, 2020 and with the RRTPO Policy Board on February 6, 2020. The following factors were evaluated as part of this screening:

- Access to community facilities
- Walkability
- Pedestrian networks
- Roadway suitability
- Ridership potential

Based on this review, the following five corridors were recommended to move forward with more detailed capital and operating cost estimate development given alternative levels of service, analysis of return on investment and review of potential funding resources:

- Broad Street-Short Pump (Willow Lawn to Bon Secours Short Pump)
- Midlothian Turnpike (Downtown Richmond to Huguenot Road)
- West End South (Downtown Richmond to Regency Square)
- Airport via Route 60 (Downtown Richmond to RIC Airport)
- Route 1 to Ashland (Downtown Richmond to Parham Road)

The TVP Steering Committee reviewed the detailed analysis at their meeting on April 3, 2020. TAC was invited to review and comment on the summary sheets for the 12 corridors included in the initial screening which can be accessed through this link: [Greater RVA Transit Vision Plan](#). (The April 14<sup>th</sup> meeting was cancelled due to COVID-19 regulations.) The proposed service plan options and detailed cost analysis of the five selected corridors are available at [RVA TVP Implementation Feasibility Evaluation](#) [full

presentation posted on the PlanRVA website as part of the Transit Vision Plan snapshot]. The GRTC Board was briefed on the implementation feasibility on June 16, 2020, and it was also reviewed with the RRTPO Community Transportation Advisory Committee (CTAC) on July 16, 2020.

The purpose of the presentation today is to provide the RRTPO Policy Board with an executive level summary through a story map [Greater Richmond TVP Story Map](#) of the full scope of the project.

**TAC RECOMMENDATION:** TAC has reviewed the proposed plan for the Regional Transit Vision Plan Near-Term Strategic Technical Analysis at their meeting on August 11, 2020 and recommends approval as presented. TAC action on the item was decided with 9 votes in favor, 1 vote opposed, and 1 abstention.

**REQUESTED ACTION:** The following resolution is presented for RRTPO Policy Board review and approval:

**RESOLVED,** that the Richmond Regional Transportation Planning Organization (RRTPO) adopts the proposed plan for the Regional Transit Vision Plan Near-Term Strategic Technical Analysis of five corridor segments considered for enhanced transit in the near-term planning horizon (five to seven years).

## **Agenda Item C.2.**

*RRTPO Community Transportation Advisory Committee  
(CTAC) Meeting Report*

### **NO ACTION REQUESTED – INFORMATION ITEM**

*A brief report is provided on major discussion  
items from the July 16, 2020 CTAC meeting.*

## MEMORANDUM

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

**From:** Kenneth Lantz, Jr., RRTPO Mobility Manager

**Date:** July 17, 2020

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

---

The following is a brief report on major discussion items from the July 16, 2020 CTAC meeting.

### **Public Transportation Work Group**

Under the CTAC Chair's Report, Bob Basham noted that the Central Virginia Transportation Authority (CVTA) has been established by the 2020 General Assembly, and as part of the legislation the CVTA is called to utilize GRTC and the RRTPO to develop a plan for regional public transportation. A Public Transportation Work Group consisting of representatives of Chesterfield, Richmond, Henrico, DRPT, GRTC, PlanRVA and CTAC has been established to develop a regional public transportation plan. In response to a request for a member of CTAC to represent CTAC on the newly established work group, Lisa Guthrie indicated a willingness to serve in this capacity. There was unanimous agreement among the members of CTAC to have Ms. Guthrie serve in this capacity.

### **Senior Connections Regional Transportation Coordination Entity Update**

Tony Williams, Senior Connections Mobility Manager, provided an update on Senior Connection's work related to the regional transportation coordination entity. He reviewed the purpose, timeline and work plan for the establishment of the coordination entity and noted that the goals of the work plan include streamlining ride connection requests through the use of technology, expanding volunteer driver programs, expanding Ride Connection service to include non-medical trips, and continuing collaboration with area agencies and organizations.

### **Regional Bicycle and Pedestrian Planning**

Phil Riggan provided an overview of regional bicycle and pedestrian planning efforts. He noted that a regional bike map has been developed, and that efforts

to undertake complete streets planning were underway, beginning with a pilot project in the Town of Ashland. Mr. Riggan reviewed the basic concepts of a complete streets program, provided examples of complete streets plan components, spoke of how complete streets might be instituted at the regional level, and presented examples of how COVID-19 was impacting the implementation of complete streets.

### **Regional Transit Vision Plan**

Barbara Jacocks summarized the work associated with the development of the Regional Transit Vision Plan. She reviewed the plan's purpose, analysis methodology, study corridors, and corridors selected for implementation feasibility, and noted that the following corridors have been selected for implementation feasibility studies: Corridor H (Rt 1 North), and Corridor D (Midlothian Turnpike).

### **Election of FY21 CTAC Officers**

The RRTPO (MPO) [Non-Binding Governance Guidance Document](#) establishes the rotation order for the CTAC Chair and Vice-Chair. As the outgoing Chair is a representative from Chesterfield County, a representative of Goochland County is next in line to serve as CTAC Chair. The Vice Chair was elected by the CTAC from the jurisdiction following that of the CTAC Chairman, which under the order of rotation of leadership established by the Guidance Document is a representative of the Town of Ashland.

The RRTPO Community Transportation Advisory Committee elected [Robert L. Basham Jr.](#) as FY21 Chair and [Upton S. Martin](#) as FY21 Vice Chair.

### **Next CTAC Meeting**

The next CTAC meeting is scheduled for Thursday, September 17, 2020

KEL/nm

## **Agenda Item D.2.**

### *Future Meeting Topics*

#### **NO ACTION REQUESTED – INFORMATION ITEM**

*Enclosed under this agenda tab is a brief list of topics for the October 2020 RRTPO Policy Board meeting and a list of future meeting topics to be scheduled later in FY21.*

**RRTPO POLICY BOARD AGENDA 9/3/2020; Item D.2.  
FUTURE MEETING TOPICS\***

**October 1**

- Public Engagement/Community Outreach Efforts
- 2020 Richmond Regional Structural Inventory and Assessment Report
- ConnectRVA 2045 Update
- CVTA Introduction
- Port of Virginia Update – I-95 / Bells Road / Commerce Corridor Study

**OTHER FUTURE MEETING TOPICS**

- BUILD (Better Utilizing Investments to Leverage Development) Grant Program

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