



**Photo: Bicycle sculpture at Four Mile Creek Park,
Henrico County**

Richmond Regional Transportation Planning Organization (RRTPO) Policy Board



NOTES

This meeting is open to the public. Members of the public are invited to attend virtually. Please alert the RRTPO at RRTPO@PlanRVA.org if electronic transmission of this meeting fails for the public. Please refer to our [Statement Regarding Virtual Meeting Participation by Members of the Public](#) for more information.

Check out our complete [Public Participation Guide](#) online to learn about the different ways you can stay connected and involved.

Meetings are also live streamed and archived on our YouTube Channel at [Plan RVA - YouTube](#).

Members of the public are invited to submit public comments either verbally or in writing. Written comments can be submitted through the Q&A/Chat function on Zoom by email to RRTPO@PlanRVA.org. Written comments will be read aloud or summarized during the meeting when possible and will be included in the meeting minutes. Verbal comments will be taken during the Public Comment Period on the agenda. Please through the Q&A/Chat functions on Zoom if you would like to comment. When acknowledged by the Chairman, please clearly state your name so that it may be recorded in the meeting minutes.

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PlanRVA is where the region comes together to look ahead. Established in 1969, PlanRVA promotes cooperation across the region's nine localities and supports programs and organizations like the Richmond Regional Transportation Planning Organization, Central Virginia Transportation Authority, the Emergency Management Alliance of Central Virginia, Lower Chickahominy Watershed Collective and Don't Trash Central Virginia.

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION POLICY BOARD

Thursday, September 7, 2023, 9:30 a.m.

PlanRVA Boardroom, 424 Hull Street, Suite 300, Richmond, VA 23224 and via Zoom

If you wish to participate in this meeting virtually, please register via Zoom at the following link: https://planrva-org.zoom.us/webinar/register/WN_oHNkwDAXS0qYCiD5Y7AYhA

Call to Order (*Winslow*)

Pledge of Allegiance (*Winslow*)

Welcome and Introductions (*Winslow*)

Certification of a Quorum (*Firestone*)

A. ADMINISTRATION

1. Confirmation of Member Participation from a Remote Location

(*as needed*) (*Winslow*)

Action requested (if there are member requests to participate remotely): motion to confirm that the Chair's decision to approve or disapprove the member(s) request to participate from a remote location was in conformance with the RRTPO Policy for Remote Participation of Members; and, the voice of the remotely participating member(s) can be heard by all persons at the primary or central meeting location (voice vote).

2. Consideration of Amendments to the Meeting Agenda

(*Winslow*)

3. RRTPO Chair's Report

(*Winslow/10 minutes*)

4. Open Public Comment Period

(*Winslow/5 minutes*)

5. [Approval of July 6, 2023, RRTPO Policy Board Meeting Minutes](#) – page 5

(*Winslow*)

Action requested: motion to approve minutes as presented (voice vote).

6. RRTPO Secretary's Report

(Parsons)

- a. **RRTPO Unified Planning Work Program (UPWP) Work Status and Financial Reports – June and July 2023** – page 11
Information item.
- b. **RRTPO UPWP Annual Report – FY2023** – page 32
Information item.
- c. **Designation of RRTPO Secretary**
Action requested: motion to designate Myles Busching as Secretary of the Richmond Regional Transportation Planning Organization effective September 8, 2023, with duties and powers as outlined in the RRTPO Bylaws.
- d. **RRTPO Member Contact Update** (a handout will be provided for members' updated contact information)
- e. **YouTube Channel Improvements**

B. NEW BUSINESS

1. **Rural Public Transportation Options Overview** – page 72
(Parsons/Dubinsky/30 minutes)
Action requested: motion to refer to the Technical Advisory Committee (TAC) to identify rural public transportation needs (voice vote).
2. **Carbon Reduction Program (CRP) Guidelines** – page 73
(Busching/10 minutes)
Action requested: motion to adopt updates to the Regional Funding Framework to include the Carbon Reduction Program (CRP) as presented (voice vote).
3. **Transportation Alternatives (TA) Project Endorsements** – page 81
(Busching/10 minutes)
Action requested: motion to endorse FY25 – FY26 Transportation Alternatives applications as presented (voice vote).
4. **TAP Project - Bon Air Pedestrian Improvements (UPC 113439) - Additional Funding Request** – page 92
(Busching/10 minutes)
Action requested: motion to approve \$600,000 in FY24 CRP funding for the Bon Air Pedestrian Improvements project (roll call vote).
5. **CMAQ Project - Route 1 – Intersection Improvements at Hopkins Rd. & Harwood St. (UPC 15955) - Additional Funding Request** – page 95
(Busching/10 minutes)
Action requested: motion to approve the transfer of \$1,587,314 in additional CMAQ funding for the project as presented (roll call vote).
6. **Urban Boundary Smoothing** – page 98
(Parsons/10 minutes)
Action requested: motion to approve the proposed Smoothed Urban Area Boundary (UAB) as presented (voice vote).

C. AGENCY AND COMMITTEE REPORTS

1. Transportation Agency Updates

(15 minutes)

- a. **CVTA** – Parsons – page 115
- b. **GRTC** – Adams
- c. **RMTA** – Dean
- d. **DRPT** – Dubinsky
- e. **VDOT** – Totten
- f. **FHWA** - Rucker

D. OTHER BUSINESS

1. Community Transportation Advisory Committee (CTAC) Activity Follow-up – page 116

(Busching/5 minutes)

Action requested: motion to approve proposed CTAC tasks/assignments (voice vote).

2. Future Meeting Topics – page 118

(Winslow/5 minutes)

3. RRTPO Member Comments

(Winslow/5 minutes)

4. Next Meeting: November 2, 2023, 9:30 a.m., PlanRVA Boardroom, 424 Hull Street, Suite 300, Richmond, VA 23224 and via Zoom

(Winslow)

E. ADJOURNMENT

**RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION
POLICY BOARD MEETING MINUTES
PlanRVA James River Boardroom and via Zoom
Thursday, July 6, 2023 - 9:30 a.m.**

MEMBERS and ALTERNATES (A) PRESENT (X), VIRTUAL (V):

VOTING MEMBERS					
Town of Ashland		Charles City County		Chesterfield County	
John H. Hodges	X	Byron M. Adkins, Sr.	X	Kevin P. Carroll	X
Anita Barnhart (A)		William Coady (A)		James M. Holland	X
				Christopher Winslow, Chair	X
Goochland County		Hanover County		Mark S. Miller (A)	
Susan F. Lascolette		Sean M. Davis	X		
John L. Lumpkins Jr.	X	W. Canova Peterson IV, Vice Chair	X	Henrico County	
Vacant (A)		Faye O. Prichard (A)		Patricia S. O'Bannon	
Vacant (A)		Vacant (A)		Frank J. Thornton	X
				Thomas Branin (A)	
New Kent County		Powhatan County		Vacant (A)	
Patricia A. Paige	X	David T. Williams	X		
C. Thomas Tiller Jr.		Karen Carmack		City of Richmond	
Thomas W. Evelyn (A)		Vacant (A)		Andreas D. Addison	X
Vacant (A)		Vacant (A)		Katherine L. Jordan	
				Stephanie A. Lynch	
Capital Region Airport Commission		GRTC Transit System		Cynthia I. Newbille	X
John B. Rutledge		Sheryl Adams		Michael J. Jones (A)	
Vacant (A)		Adrienne Torres (A)	X	Kristen Nye (A)	
				Ellen F. Robertson (A)	
RIC Metropolitan Transp. Authority (RMTA)		Secretary of Trans. Designee			
Joi Taylor Dean	X	VDOT, Dale Totten	X		
Vacant (A)		VDOT, Mark E. Riblett (A)			
NON-VOTING MEMBERS					
CTAC		DRPT		Federal Highway Administration (FHWA)	
Sera Erickson (A)	V	Tiffany T. Dubinsky		Thomas L. Nelson Jr.	
		Grant Sparks (A)	V	Ivan Rucker (A)	X
Federal Transit Administration (FTA)		RideFinders		VA Dept. of Aviation (DOAV)	
Daniel Koenig (Liaison)		Von S. Tisdale	V	Rusty Harrington)	
Vacant (A)		Cherika N. Ruffin (A)			

The technology used for the RRTPO Policy Board meeting was a web-hosted service created by Zoom and YouTube Live Streaming and was open and accessible for participation by members of the public. 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, W. Canova Peterson., presided and called the July 6, 2023, RRTPO Policy Board meeting to order at 9:34 a.m.

Pledge of Allegiance

The Pledge of Allegiance was led by Frank J. Thornton.

Welcome and Introductions

Chair Peterson welcomed all the attendees.

Certification of a Quorum

Janice Firestone, Program Manager, took attendance and certified that a quorum was present in-person.

A. ADMINISTRATION

1. Confirmation of Member Participation from a Remote Location

Chair Peterson announced his approval of the requests of Von Tisdale and Grant Sparks to participate remotely in the meeting.

On motion by David Williams, seconded by Cynthia I. Newbille, the RRTPO Policy Board voted unanimously to confirm that the Chair's decision to approve the members' requests to participate from a remote location was in conformance with the RRTPO Policy for Remote Participation of Members; and, the voice of the remotely participating member could be heard by all persons at the primary or central meeting location. (voice vote).

The quorum was updated to show the following: Von Tisdale and Grant Sparks were present remotely Reason: a personal matter, specifically a scheduling conflict that prevents in-person attendance at PlanRVA.

2. Consideration of Amendments to the Meeting Agenda

There were no requested amendments to the meeting agenda.

3. RRTPO Chair's Report

Chair Peterson did not have a formal report.

a. Locality Highlight – Town of Ashland

Nora Amos, Town of Ashland, gave a presentation on the town. She reported on current and upcoming projects, growth and economic development. John H. Hodges provided further information regarding rail-related projects. The presentation is posted on the [meeting webpage](#)

4. Open Public Comment Period

There were no requests to address the RRTPO Policy Board.

5. Approval of May 18 and June 1, 2023, RRTPO Policy Board Meeting Minutes

On motion by James Holland, seconded by Cynthia I. Newbille, the members of the RRTPO Policy Board voted to approve the minutes as presented (voice vote).

6. Election of FY24 Chair and Vice-Chair

Chair Peterson reported that his term on the RRTPO will end December 31, 2023. In order to ensure continuity, he is resigning as Chair of the Policy Board effective today. The FY24 Chair is proposed to be changed to Christopher Winslow with Chesterfield County and Mr. Peterson has agreed to serve as Vice-chair.

On motion by Sean M. Davis, seconded by Cynthia I. Newbille, the members of the RRTPO Policy Board voted to accept W. Canova Peterson's resignation as FY24 Chair, elect Christopher Winslow as FY24 Chair and elect W. Canova Peterson as FY24 Vice Chair (roll call vote; see Appendix A).

7. Revision to FY24 Meeting Schedule

On motion by John H. Hodges, seconded by David Williams, the members of the RRTPO Policy Board voted to amend the FY24 meeting schedule to remove October 5, 2023 (voice vote).

8. Consent Agenda

M Parsons reviewed the items in the consent agenda.

On motion by W. Canova Peterson, seconded by John H. Hodges, the members of the RRTPO Policy Board voted to approve the following consent agenda items (voice vote).

a. RRTPO Work Status and Financial Reports – March and May 2023

b. FY21 – FY24 TIP Amendment: VDOT Request - #SMART18 - Richmond-Henrico Turnpike - South Segment

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) amends the #SMART18 - Richmond-Henrico Turnpike - South Segment project (UPC 111716) as follows:

- Update project estimate from \$18,642,000 to \$29,678,850.
- Move \$165,826 (STP/STBG) from FFY23 to FFY22, add \$92,100 (AC-STP/STBG) FFY23 PE, add \$92,100 (ACC-STP/STBG) FFY24 (PE phase).
- Release \$4,484,000 (AC-Other) FFY21, add \$2,756,642 (STP/STBG), release \$1,866,522 (ACC-STP/STBG) FFY22, add \$1,732,358 (AC-STP/STBG) FFY23, add \$1,732,358 (ACC-STP/STBG) FFY24 (RW phase).
- Release \$12,513,000 (AC-Other) FFY23 (CN phase).

B. NEW BUSINESS

1. SE Data Approval

Sulabh Aryal, PlanRVA, provided this report and offered to answer any questions. He clarified that the numbers used were from 2017. Board members expressed concern with the use of 2017 numbers. Mr. Aryal reported that these numbers will be used to evaluate projects for the next long-range transportation plan.

On motion by W. Canova Peterson, seconded by James Holland, the members of the RRTPO Policy Board voted to approve the following resolution (voice vote):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board approves the 2050 Future Year Socioeconomic Data at the Traffic Analysis Zone (TAZ), Jurisdictional and Regional levels as presented by RRTPO staff.

Further resolved, that the RRTPO Policy Board authorizes staff to use the 2050 Future Year Socioeconomic Data in the RTC model update process.

Mr. Aryal's presentation is posted on the [meeting webpage](#)

2. West Broad Street BRT Corridor Analysis

Dan Motta, PlanRVA, provided this report and offered to answer any questions. He clarified that the focus was transit riders. Surveys were posted at 47 stops in the area. The survey went from November to December of 2022. It was advertised in local papers and most responses were received online. In-person surveys were done at various bus stops. Private transportation responses were submitted online.

Board members shared comments on connecting on-site and off-site ADA facilities.

Adrienne Torres, GRTC, commended PlanRVA staff on the work done on the survey.

On motion by John Lumpkins, seconded by Sean M. Davis, the members of the RRTPO Policy Board voted to adopt the following resolution (voice vote):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board adopts the West Broad Street BRT Corridor Analysis as presented.

Mr. Motta's presentation is posted on the [meeting webpage](#)

3. FY 2024 UPWP Amendment

Mr. Parsons explained the proposed amendment to the UPWP and offered to answer any questions.

On motion by David Williams, seconded by James Holland, the members of the RRTPO Policy Board voted to approve the following resolution (voice vote):

Resolved, that the Richmond Regional Transportation Planning Organization Policy Board approves these amendments to the FY 2024 Unified Planning Work Program:

1. Revision to Work Task 7330, adding new detail regarding direct funding of GRTC Essential Infrastructure Plan

2. Inclusion of Administrative Modification language in the UPWP

4. Agreement with GRTC for the Utilization of Pass-through FTA and Commonwealth Transit Funds in the Richmond Regional Transportation Planning Organization area for FY24

Mr. Parsons provided this report and offered to answer any questions.

On motion by Cynthia I. Newbille, seconded by David Williams the members of the RRTPO Policy Board voted to approve the agreement as presented (voice vote).

5. FY21 – FY24 TIP Amendment: City of Richmond Request – Main Street Station Improvements

Myles Busching, PlanRVA, provided this report and offered to answer any questions.

On motion by Cynthia I. Newbille, seconded by David Williams, the members of the RRTPO Policy Board voted to approve the following resolution (voice vote):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) amends the FY21 – FY24 Transportation Improvement Program (TIP) to add the COR001 – Main Street Station Improvements project.

Further Resolved, that this project is exempt from transportation conformity determination pursuant to 40 CFR § 93.126 under the following exemption:

- Mass Transit - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures).

6. FY21 – FY24 TIP Amendment: City of Richmond Request – North-South Bus Rapid Transit Line

Mr. Busching provided this report and offered to answer any questions.

On motion by Cynthia I. Newbille, seconded by James Holland, the members of the RRTPO Policy Board voted to approve the following resolution (voice vote):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) amends the FY21 – FY24 Transportation Improvement Program (TIP) to add the COR002 - North South Bus Rapid Transit Line project.

Further Resolved, that this project is exempt from transportation conformity determination pursuant to 40 CFR § 93.126 under the following exemptions:

- Safety - Traffic control devices and operating assistance other than signalization projects
- Mass Transit - Construction or renovation of power, signal, and communications systems

Mr. Busching's presentations are posted on the [meeting webpage](#)

Grant Sparks left the meeting at approximately 11:10 a.m.

C. AGENCY AND COMMITTEE REPORTS

1. Transportation Agency Updates

- a. **CVTA** – Mr. Parsons provided this update which was included in the meeting agenda packet.
- b. **GRTC** – Adrienne Torres reported that GRTC just approved the transportation plan and the North South BRT study is set for completion in August.
- c. **RMTA** – Joi Taylor Dean reported that the RMTA board voted to do a toll adjustment in September. A social media campaign and other measures are underway to inform customers. This will be the first since 2008. More information will be shared at a later date.
- d. **DRPT** – there was no formal report provided by DRPT.
- e. **VDOT** – Dale Totten provided this update, which is posted on the [meeting webpage](#).

D. OTHER BUSINESS

1. Future Meeting Topics

The future meeting topics list was included in the meeting packet.

2. RRTPO Member Comments

There were no member comments.

3. Next Meeting: September 7, 2023, 9:30 a.m., PlanRVA Boardroom, 424 Hull Street, Suite 300, Richmond, VA 23224 and via Zoom

E. ADJOURNMENT:

Chair Winslow adjourned the meeting at approximately 11:24 a.m.

FY 2023



Richmond Regional
**Transportation
Planning
Organization**

Work Program Status Report

June 2023

PlanRVA
424 Hull Street, Suite 300
Richmond, Virginia 23224
804.323.2033 | WWW.PLANRVA.ORG

The RRTPO Work Program Progress Report provides a short summary of each activity for the month of June 2023. Please reference the [FY 2023 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 and summarizes overall federal and local revenues budgeted by PlanRVA in FY 2023 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 2023 RRTPO UPWP BUDGET

Work Task	RRTPO Budget				
	PL	5303	CO 5303	OTHER (1)	GRAND TOTAL
7110 MPO Program Management	\$169,000	\$36,000	\$ -	\$ -	\$205,000
7120 UPWP Budget & Contract Admin.	\$51,200	\$12,800	\$ -	\$ -	\$64,000
7210 Public Outreach/Equity Analysis	\$220,000	\$ -	\$ -	\$ -	\$220,000
7220 Special Planning Efforts	\$221,000	\$ -	\$ -	\$ -	\$221,000
7230 Contingency Funding	\$34,748.50	\$115,928	\$330,889	\$ -	\$481,565.50
7310 Long Range Transp Planning	\$53,000	\$ -	\$ -	\$ -	\$53,000
7315 Scenario Planning	\$337,160	\$84,290		\$243,550	\$665,000
7320 Travel Demand Model	\$73,600	\$18,400	\$ -	\$200,000	\$292,000
7330 Transit	\$ -	\$280,000	\$ -	\$ -	\$280,000
7340 Act Transp-Bike/Ped	\$202,000	\$ -	\$ -	\$ -	\$202,000
7350 System Resiliency	\$170,000	\$ -	\$ -	\$ -	\$170,000
7410 Perf Based Transp Planning	\$69,472	\$15,528	\$ -	\$ -	\$85,000
7420 Financial Program / TIP	\$291,410	\$70,590	\$ -	\$ -	\$362,000
7430 Rail & Freight	\$41,882	\$12,118	\$ -	\$ -	\$54,000
TOTAL (\$)	\$1,934,472.50	\$645,653	\$330,889	\$443,550	\$3,354,564.50

(1) 7310 funds are direct carryover from FY22. 7315 and 7320 funds are RSTBG funds for travel demand model development.

Program Management

7100	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Program Management	269,000	15,563	239,517	89%	13

- Developed agenda packets for RRTPO Community Transportation Advisory Committee (CTAC) and Technical Advisory Committee (TAC).
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Updated/maintained contacts database; added/removed members and interested parties for Policy Board and committees.
- Product demonstrations for Granicus, Diligent and Monday.com to explore future board meeting management tools as well as board contacts management and onboarding.
- Tracked UPWP progress and work task coordination.
- Facilitated RRTPO, CVTA and PlanRVA Joint Annual Meeting, followed by PlanRVA Day (informational sessions throughout the day; open to all board members as well as other stakeholders).
- Facilitated meeting of the Pathways to the Future Scenario Planning Advisory Committee. Attendees reviewed results of the recent charette and survey and discussed potential changes in scenario narratives.
- Attended PlanRVA all-staff meeting.

Public Outreach & Equity Analysis

7210	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Public Outreach & Equity Analysis	220,000	15,000	213,759	97%	13

- Continue to promote the opportunity to the public to contribute stories to the Ashland Trolley Line Public History Project.
- Participated in GRTC public engagement process for North-South and Western BRT surveys.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.
- Monitored engagement for all social media posts for Scenario planning, BRT stakeholder meetings, and upcoming events.
- Planned and facilitated the all-day PlanRVA Day on June 1 for members of RRTPO Policy Board, its committee members and stakeholders and others.
 - Booked speakers for transportation related sessions, including inclusion in multi-modal planning for regional trails and inclusion in regional planning.
 - Coordinated all tech setup for each presentation.

- Photographed each part of the event.
- Provided Marketing Collateral of PlanRVA projects around the office
- Conducted survey of the event to better plan for the 2024 PlanRVA Day
- Sponsored and participated in Black Girls Do Bike event on the Virginia Capital Trail on June 4.

Special Planning Efforts

7220	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Special Planning Efforts	221,000	17,269	215,890	98%	20

- Continue to work on edits and additional assistance to complete the Ashland Bike Ped Plan
- Tracking Federal and State competitive grant programs for infrastructure; assisted the City of Richmond with the submission of a funding application for a Charging and Fueling Infrastructure Grant on June 13.
- Assisting Charles City County with the kick-off of the Route 106 corridor study with VDOT.
- Assisted the City of Richmond with developing a grant submission (June 13) for the Federal [Charging and Fueling Infrastructure Discretionary Grant Program](#) with the aim of installing electric car charging stations throughout the city.
 - Explored the Federal [Safe Streets and Roads for All \(SS4A\) Grant Program](#) with the aim of preparing to submit an application for funding in FY24.

Contingency Funding

7230	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Contingency Funding	481,565	0	0	0	18

No funds expended this period.

Long-Range Transportation Plan

7310	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
L RTP	53,000	726	27,499	52%	19

- Attended Transportation Research Board: Innovations in Travel Analysis and Planning Conference Held in Indianapolis from June 4-7. Staff abstract about the

planning tools used in ConnectRVA 2045 (the region's current adopted long-range transportation plan) was selected for the presentation in the conference.

- Attended VDOT's MPO quarterly Coordination and Annual Planning and Programming meeting.

Scenario Planning

7315	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Scenario Planning	665,000	104,193	629,934	95%	20

- Continued coordination with the consultant team for the overall scenario planning process 'the Pathways to the Future (P2F)'.
- Continued work on the technical aspects of the process including development of data, scenario narratives, growth analysis and models.
- Work on the coordination for the third and the fourth Scenario Planning Advisory Committee (SPAC) meetings.
- The third SPAC meeting was held on June 28 at PlanRVA office.
- Continued developing project website for [Pathways to the Future](#).

(Also refer to 7350 Systems Resilience Plan for work completed or in progress that will also support the Scenario Planning.)

Travel Demand Model (RTDM)

7320	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
RTDM	292,000	0	86,168	30%	21

RTC Model

- Attended web-based brain-storming sessions to discuss the enhancement of the Richmond Simplified Land Use Allocation Model (RSLAM), and the development of a Connected/Autonomous Vehicle component to the existing Richmond/Tri-Cities (RTC) Model. This is a part of Task 11 of the on-call consultant support for the Travel Demand Model.

Transit

7330	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Transit	280,000	17,737	231,508	83%	22

- Attended the State of Transit 2023 Reception hosted by RVA Rapid Transit June 14.
- Attended the kick-off GRTC Transit Strategic Plan Stakeholder Meeting on June 16.

- Observed the June 2 meeting of the Tri-Cities MPO Technical Advisory Committee and prepared a summary of the primary meeting points.
- Participated in the June 5 virtual VCU Transatlantic presentation of concepts for improving access and development patterns along the Rt 60 corridor.
- On June 6 met with Colleen Wilhelm of Senior Connections to discuss the development of the update to Senior Connections Area Plan.
- Participated in the June 12 VAMPO Annual Business and Board of Directors Meetings and prepared a summary of the primary points of the meetings.
- Observed the June 12 virtual CVTA Technical Advisory Committee meeting.
- Observed the June 13 virtual meeting of the RRTPO Technical Advisory Committee.
- Observed the June 14 CVTA Finance Committee meeting. Primary topics included presentation and discussion of the draft FY24 administrative and operating budget; an update on bon counsel services; the GRTC Regional Public Transportation Plan; and approval of an increase in monthly legal service fees.
- Participated in the June 22 meeting of the Charles City County Community Health Assessment Steering Committee.
- Reviewed the following documents:
 - Transition to Shared Mobility-How Large Cities Can Deliver Inclusive Transport Services
 - A Framework for Integrating Transportation Into Smart Cities
 - Challenges Faced by People with Disabilities in Public & Active Transportation Systems in the U.S.
 - 2023 State of Transit
 - Principles to Plan, Design, & Implement Innovative Mobility Pilot Projects
 - The Future is Now-The Technology & Policy of Self-Driving Cars
 - Integrating Micromobility with Public Transit: A Case Study of the California Bay Area
 - Inclusive Transit: Advancing Equity Through Improved Access & Opportunity
 - Maintaining Diversity in America's Transit-Rich Neighborhoods
- Reviewed the agenda packet for the June 20 GRTC Board of Directors meeting. Observed the meeting and prepared a summary of the primary points.
- Prepared a summary of recent and upcoming regional transportation developments for presentation at the July 6 meeting of the Hanover Human Services Network.
- Participated in the June 26 CTAA/May Mobility webinar, "Autonomous Vehicles-State DOT Perspectives, Support, & Vision." The webinar featured presentations and discussion from representatives of the Michigan, North Carolina, and Minnesota DOT's.
- Met with Barbara Jacocks and Dan Motta in June 27 to discuss PlanRVA's response to TPO member David Williams' request for additional study of the need for specialized transportation service in Powhatan County.
- Prepared a draft agenda and updated list of future meeting topics for the July 20 CTAC meeting.
- Participated in a June 29 on-site meeting with Colleen Wilhelm and Missy Boyer of Senior Connections concerning the types of data that PlanRVA may be able to provide to Senior Connections for use in its area plan update.

- Reviewed the agenda for the June 30 meeting of the RideFinders Advisory Board. Participated in the virtual meeting, which included a review of FY24 projected funding allocations and the FY24 budget.

North-South BRT

- Attended steering committee meeting for N/S BRT.
- Continued developing project website for [GRTC North-South BRT](#).

West Broad Street BRT

- Presented draft report for West Broad Street BRT Analysis to RRTPO TAC on June 13.
- Promoted West Broad Street BRT Analysis through interview with Ian Stewart at Virginia Public Media which resulted in radio and [digital coverage](#).

Active Transportation: Bicycle and Pedestrian

7340	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Active Transportation	202,000	18,263	215,778	107%	23

- Attended annual kick off event for “Black Girls Do Bike” at Dorey Park in Henrico County by manning a PlanRVA information table and participating in the bike ride with members and community leaders.
- Participated in a webinar “How to Make your Safe Streets and Roads for All Application Successful” by the Rails-to-Trails Conservancy, June 6.
- Attended the OpenStreetMap [State of the Map U.S. 2023 Conference](#) in Richmond, Virginia from June 8–11.
- Participated in a webinar “Park Bench Chat: Greenspace Policy to Advance Health Equity,” presented by CityHealth and TPL held on June 21.
- Staff began planning to assist with a mobility audit of the Chamberlayne Avenue corridor in Richmond with Partnership for Smarter Growth.
- Staff began planning to assist with a mobility audit of the Petersburg neighborhoods with regional partners.

Fall Line

- Continued to track Fall Line discussion and decision-making at CVTA and TAC meetings.
- Assisted the CVTA Wayfinding plan, coordinating with the contractor to complete a checklist of needed tasks as part of the planning process.

Richmond Regional Bicycle and Pedestrian Plan

- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Supported PlanRVA staff as we continue to assist the Town of Ashland with the update to the Town’s bicycle and pedestrian plan.
- Organized and participated in an active transportation panel for PlanRVA Day, held on June 1.

- Staff began meeting with the new VDOT Statewide Bicycle and Pedestrian planner. First result was to hold the July 25 BPAC meeting at the PlanRVA offices.

Ashland Trolley Line Trail Study

- Additional information and images continue to be added to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on the public history project intended to uncover and record oral history stories from around the operational period of the trolley line (ca. 1908-1938). Staff purchased a new audio recording device to prepare for future story gathering opportunities.

East Coast Greenway

- Staff continue to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Participated in the June East Coast Greenway Council meeting, June 6.
- Staff continued to work with ECG staff on communications with VDOT about wayfinding signage and designations along the Virginia Capital Trail and as the Fall Line is developed.

Systems Resilience Plan

7350	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Systems Resil. Plan	170,000	10,330	156,101	92%	24

- The intern for the Richmond Regional Cooling Capacity Analysis Process (DOF U&CG Program) has had his contract extended through the summer. He will begin data analysis in July.
- FEMA obligated funds for the SHSP grant that supports our Critical Infrastructure Mapping project. PlanRVA is beginning work next month.
- PlanRVA has created a new Solar landing page and published a letter of commitment to the SolSmart program, which is the first pre-requisite for Bronze level designation. The next prerequisite will involve expanding that landing page to include consumer resources and information on existing solar ordinances and permitting requirements in each locality.
- Continued internal discussion on resilience metrics in Scenario Planning and helped select scenarios for modeling.
- Continued to participate in support regional and local resiliency efforts, including the Greater Continuum of Care Resilience Workgroup, the Richmond City Federal Convening group, and the DCR Coastal Resiliency TAC.

- EPA replied to PlanRVA's CPRG application with several comments and requests for minor changes. Those changes have been made and we await the official reward letter next month. Intergovernmental Agency Review on the application is still ongoing. In response to comments from EPA, we reviewed our Title VI documentation and policies and confirmed they are fully in compliance with EPA requirements.
- Work has begun on a solar suitability GIS analysis that will support locality land use planning and solar siting for large scale solar projects. The methodology will be presented to the Environmental TAC next month for feedback.

Performance Based Transportation Planning

7410	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Perf. Based Transp. Planning.	85,000	964	17,678	21%	25

- Traveled to and attended VDOT Quarterly meeting on June 22.

Transportation Improvement Program (TIP)

7420	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
TIP	362,000	10,331	203,458	56%	26

FY21 – FY24 TIP Maintenance:

- Reviewed three (3) TIP amendments at June TAC:
 - UPC 111716: #SMART18 - Richmond-Henrico Turnpike – South Segment (Henrico County)
 - COR0001: Main Street Station Improvements (City of Richmond)
 - COR0002: North-South Bus Rapid Transit Line (City of Richmond)
- Conducted public review for 3 TIP amendments (June 15 – June 30)
- Prepared 3 TIP amendments for Policy Board July meeting
- Processed one (1) TIP adjustment:
 - UPC 111467: SB Rt 288, WB 360, WB off Ramp, 360 ParkN Ride lot (Chesterfield County)

Regional Funding

- Updated [Regional Funding Framework](#) to include new cost estimating policy requiring Cost Estimate Workbook (CEWB) for all projects leading to construction. Projects that do not use CEWB in application will not be eligible for additional TPO funding beyond original estimate.
- Researched Carbon Reduction Program (CRP) policies of peer agencies nationally to develop recommendation for program implementation

- Improved Smart Scale leveraging assessment tool to predict success and needed leverage for future rounds based on historic raw measure scores, max raw measure score by round, prior round thresholds, cost estimates, and available leverage

Rail, Freight, Intermodal Planning

7430	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Rail, Freight, Interim. Planning.	54,000	0	7,948	15%	27

RRTPO Freight Planning Program

- No work done in this period.



Richmond Regional
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Work Program Status Report

July 2023

The RRTPO Work Program Progress Report provides a short summary of each activity for the month of July 2023. Please reference the [FY 2024 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 and summarizes overall federal and local revenues budgeted by PlanRVA in FY 2024 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 2023 RRTPO UPWP BUDGET

Work Task	RRTPO Budget				
	PL	5303	CO 5303	OTHER (1)	GRAND TOTAL
7110 MPO Program Management	\$176,000	\$44,000	\$-	\$-	\$220,000
7120 UPWP Budget & Contract Admin.	\$50,400	\$12,600	\$-	\$-	\$63,000
7210 Public Outreach/Equity Analysis	\$138,800	\$34,700	\$-	\$-	\$173,500
7220 Special Planning Efforts	\$232,000	\$58,000	\$-	\$-	\$290,000
7230 Contingency Funding	\$156,600	\$23,400	\$-	\$-	\$180,000
7310 Long Range Transp Planning	\$61,500	\$-	\$-	\$-	\$61,500
7315 Scenario Planning	\$265,000	\$66,000		\$400,000	\$731,000
7320 Travel Demand Model	\$61,248	\$28,739	\$342,411	\$-	\$432,398
7330 Transit	\$-	\$260,000	\$100,000	\$-	\$360,000
7340 Act Transp-Bike/Ped	\$295,000	\$-	\$-	\$-	\$295,000
7350 System Resiliency	\$135,000	\$-	\$-	\$-	\$135,000
7410 Perf Based Transp Planning	\$37,500	\$37,500	\$-	\$-	\$75,000
7420 Financial Program / TIP	\$289,600	\$72,400	\$-	\$-	\$362,000
7430 Rail & Freight	\$32,213	\$21,787	\$-	\$-	\$54,000
TOTAL (\$)	\$1,930,861	\$659,126	\$-	\$-	\$3,432,398

(1) 7310 funds are direct carryover from FY23. 7315 and 7320 funds are RSTBG funds for travel demand model development.

Program Management

7100	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Program Management	283,000	17,763	17,763	6.2%	13

- Developed agenda packets for RRTPO Policy Board, Executive Committee and Community Transportation Advisory Committee (CTAC).
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Updated/maintained contacts database; added/removed members and interested parties for Policy Board and committees.
- Tracked UPWP progress and work task coordination.
- Submitted articles and RRTPO meeting information for the Better Together Connector Newsletter.
- Facilitated meeting of the Pathways to the Future Scenario Planning Advisory Committee. Attendees reviewed results of the recent charette and survey and discussed potential changes in scenario narratives.
- Prepared framework for CTAC to work with the Community Engagement Manager as one of the agency's primary drivers for public engagement, starting with the revision/update of the Public Engagement Plan in 2024.

Public Outreach & Equity Analysis

7210	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Public Outreach & Equity Analysis	173,500	13,534	13,534	7.8%	13

- Continue to promote the opportunity to the public to contribute stories to the Ashland Trolley Line Public History Project.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.
- Monitored engagement for all social media posts for Scenario planning, BRT stakeholder meetings, and upcoming events.
- Continued clean-up and reorganization of the PlanRVA YouTube page
- Gathered transportation analytics from all social media platforms and emails.
- Created Marketing analytic charts for the RRTPO engagement report.
- Attended RVA 757 meeting with state rail officials to open dialogue regarding high speed rail between Richmond and Hampton Roads among the two regions, state rail officials and advocacy leaders.

Special Planning Efforts

7220	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Special Planning Efforts	290,000	16,967	16,967	5.9%	20

- Jointly hosted with Chesterfield County the quarterly gathering of the localities' planning directors to exchange ideas on a variety of planning topics, including Short Term Rental regulations, major project updates, solar siting agreements, etc.
- Continue to track and assess applicability of Federal and State competitive grant programs for infrastructure improvements.
- Assist Charles City County with the kick-off of the Route 106 corridor study with VDOT.
- Continue to lay the groundwork for possible submission of a the Federal [Safe Streets and Roads for All \(SS4A\) Grant Program](#) application in 2024.
- Work with Powhatan and Charles City to respond to requests related to specialized transportation.
- Responded to a request from Hanover County related to "jake" braking and researched possible authority for a locality or VDOT/DMV to regulate.
- Produced several maps of the Route 106 Corridor for Charles City County. They included the following information:
 - 2,000-foot corridor buffer over aerial photography
 - parcels along Route 106 within the buffer
 - parcels at least 11 acres in size fronting Route 106
 - parcels in the corridor under consideration for rezoning

Contingency Funding

7230	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Contingency Funding	180,000	0	0	0	18

No funds expended this period.

Long-Range Transportation Plan

7310	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
L RTP	61,500	2,139	2,139	3.5%	19

- Attended VDOT's Project Pipeline Study - Chamberlayne Rd (I-295 to Atlee Station Rd) Kick-off Meeting on July 10.
- Attended VDOT's N. Courthouse Road STARS Progress Meeting on July 28.
- Attended AMPO Technical Committee and Socioeconomic Forecasting Workgroup meetings.
- Attended VAMP Peer-to Peer Exchange Meeting on July 28.
- Work on development of the smoothed Urban Area Boundary with coordination with VDOT and the localities.

Scenario Planning

7315	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Scenario Planning	331,000	37,951	37,951	11.5%	20

- Continued coordination with the consultant team for the overall scenario planning process 'the Pathways to the Future (P2F)'.
- Continued work on the technical aspects of the process including development of data, scenario narratives, growth analysis and models.
- Work on the coordination for the fourth Scenario Planning Advisory Committee (SPAC) meetings.
- The fourth SPAC meeting was held on July 10 at PlanRVA office.
- Continued developing project website for [Pathways to the Future](#).
- Met with Richmond BizSense representatives to discuss a partnership for sharing data and mapping regional development projects for applications in transportation, environment, housing, and emergency management planning.

(Also refer to 7350 Systems Resilience Plan for work completed or in progress that will also support the Scenario Planning.)

Travel Demand Model (RTDM)

7320	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
RTDM	89,987	1,593	1,593	1.8%	21

RTC Model

- Continued participation on web-based brain-storming sessions to discuss the enhancement of the Richmond Simplified Land Use Allocation Model (RSLAM), and the development of a Connected/Autonomous Vehicle component to the existing Richmond/Tri-Cities (RTC) Model. This is a part of Task 11 of the on-call consultant support for the Travel Demand Model.
- Work on converting the Socioeconomic Data for Tri-Cities MPO in RTC model input format.

Transit

7330	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Transit	260,000	14,541	14,541	5.6%	22

- Prepared and presented a summary of recent and upcoming regional transportation matters of interest at the July 12 meeting of the Goochland Community Partners, July 13 meeting of the Senior Connections Advisory Council, and July 25 meetings of the Senior Connections Board of Directors and New Kent Resource Council.
- Related to specialized transportation research, developed a preliminary list of providers/resources for consideration as panelists/speakers at a future TPO meeting.
- 3 staff attended the Annual APA VA Chapter Conference July 16-18 in Roanoke.
- Participated in the July 27 RVA Rapid Transit "Transit Talk" presentation, "Bus Shelter Bureaucracy."
- Participated in the July 28 VAMPO Peer-to-Peer virtual meeting on the development and administration of a VAMPO survey concerning changes to the Smart Scale program.
- Reviewed the following documents: Maintaining Diversity in America's Transit-Rich Neighborhoods, Richmond Region Micro-Transit Study, DRPT Rural Microtransit Case Study and Report, Maintaining Diversity in America's Transit-Rich Neighborhoods and Richmond Region Micro-Transit Study.
- Met with staff to discuss the status of a presentation on Powhatan County transportation options at an upcoming MPO meeting. Developed a preliminary list of providers/resources for consideration as panelists/speakers at a future TPO meeting.
- Attended the Annual APA VA Chapter Conference July 16-18 in Roanoke.
- Reviewed material related to "jake" braking and prepared an e-mail to Lydia Adisu of the Department of Motor Vehicles concerning the regulation and signing of jake braking regulation
- Participated in the July 27 hybrid meeting of the Charles City County Community Health Assessment Steering Committee.
- Participated in the July 2 RVA Rapid Transit "Transit Talk" presentation, "Bus Shelter Bureaucracy."
- Participated in a July 31 meeting with staff members Myles Busching and Barbara Jacocks to discuss a strategy for presenting a proposal for increasing the involvement of CTAC in various TPO plans and programs.

North-South BRT

- Attended steering committee meetings for N/S BRT.
- Continued developing project website for [GRTC North-South BRT](#).

West Broad Street BRT

- Presented draft report for West Broad Street BRT Analysis to RRTPO Policy Board on July 6.
- Promoted West Broad Street BRT Analysis with community partners and the public.

Active Transportation: Bicycle and Pedestrian

7340	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Active Transportation	295,000	16,028	16,028	5.4%	23

- Participated in a webinar “Delivering on the Potential of Federal Infrastructure Investments” by the Rails-to-Trails Conservancy, July 13.
- Staff continued planning to assist with a mobility audit of the Chamberlayne Avenue corridor in Richmond with Partnership for Smarter Growth.
- Staff participated in a mobility audit of Petersburg neighborhoods with regional partners that included a tour of the Appomattox River Trail and potential Fall Line destinations.
- Attended webinar: “[Sidewalk Inventories: A Tool for Equity and ADA Compliance](#)” hosted by America Walks on July 26.

Fall Line

- Continued to track Fall Line discussion and decision-making at CVTA and TAC meetings.
- Assisted the CVTA Wayfinding plan for the CVTA Fall Line Work Group, coordinating with the contractor to complete a checklist of needed tasks as part of the planning process.

Richmond Regional Bicycle and Pedestrian Plan

- Began redesign of website for BikePedRVA regional bicycle and pedestrian plan.
- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Supported PlanRVA staff as we continue to assist the Town of Ashland with the update to the Town’s bicycle and pedestrian plan.
- Staff participated in the Henrico County Active Transportation Committee meeting on July 19.
- Staff assisted the VDOT Statewide Bicycle and Pedestrian planner to hold the quarterly Bicycle and Pedestrian Advisory Committee meeting at the PlanRVA offices on July 25. There were 35 in-person attendees and approximately that many more online.
- Continued research into [e-bike incentive programs](#).

Ashland Trolley Line Trail Study

- Additional information and images continue to be added to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on the public history project intended to uncover and record oral history stories from around the operational period of the trolley line (ca. 1908-1938). The NPS and Virginia Union completed the school's portion of the recording and transcribing of their oral history contributions from historians. Staff scheduled more meetings with historians for August to record segments of oral history and a committee meeting is being planned for September.

East Coast Greenway

- Staff continue to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff continued to work with ECG staff on communications with VDOT about wayfinding signage and designations along the Virginia Capital Trail and as the Fall Line is developed, including a meeting on July 5.

Systems Resilience Plan

7350	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Systems Resil. Plan	135,000	13,957	13,957	10.3%	24

- DOF Urban Heat Mapping project – preliminary results were generated in Google Earth Engine.
- SHSP Critical Infrastructure Mapping – began literature review and initial data scoping
- Continued internal discussion on resilience metrics in Scenario Planning
- Continued to participate in support regional and local resiliency efforts, including the Greater Continuum of Care Resilience Workgroup, the Richmond City Federal Convening group, and the DCR Coastal Resiliency TAC.
- Homeward Partnership – Conducted the second deployment of GIS tools for the July Point-In-Time Count, through our piloted partnership with Homeward. Built a new survey and Esri Dashboard, and trained all PIT volunteers on using the tools. We were able to expand the functionality of the GIS tools provided this time, which enabled the Daily Planet to track, in real-time, individuals marked as in need of medical attention by the field surveyor, and to deploy their medical response team to the exact location of the individual immediately.

- Climate Pollution Reduction Grant - Submitted updated budget to EPA and attended informational webinars hosted by EPA in preparation for implementation.
- SolSmart Suitability Model – completed data collection and presented methodology to Environmental TAC. Also distributed a survey seeking input on data weights and other inputs to TAC members and Planning Directors. Feedback will be incorporated, and preliminary results presented at the next TAC meeting.
- Prepared a funding application for a Regional Catastrophic Preparedness Grant (RCPG) to plan for a network of climate hubs and associated catastrophic emergency care in the Richmond MSA. The plan will be created in partnership with the Emergency Management Alliance of Central Virginia and the Greater Richmond Continuum of Care.

Performance Based Transportation Planning

7410	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Perf. Based Transp. Planning.	75,000	0	0	0%	25

- No funds expended during this period.

Transportation Improvement Program (TIP)

7420	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
TIP	362,000	14,747	14,747	4.1%	26

FY21 – FY24 TIP Maintenance:

- Approved three (3) TIP amendments at July policy board meeting:
 - UPC 111716: #SMART18 - Richmond-Henrico Turnpike – South Segment (Henrico County)
 - NEW PROJECT - COR0001: Main Street Station Improvements (City of Richmond)
 - NEW PROJECT - COR0002: North-South Bus Rapid Transit Line (City of Richmond)

FY24 – FY27 TIP:

- Reviewed draft DRPT STIP for consistency with TIP
- Received GRTC FY24 revisions which will be processed in October due to DRPT guidance
- Developed draft project list for illustrative projects section to be added to FY24 – FY27 TIP

Regional Funding

- Reviewed 19 Transportation Alternatives pre-applications for consistency with regional planning and prepared a resolution of endorsement for the August TAC meeting
- Researched Carbon Reduction Program (CRP) policies of peer agencies nationally to develop recommendation for program implementation and prepared recommendation for August TAC meeting
- Developed draft FY25 – FY30 regional funding schedule; coordinated with CVTA and Smart Scale schedules to ensure tentative funding recommendations for both programs are available for Smart Scale pre-application window
- Received requests for additional funding for 2 projects and prepared them for TAC review in August:
 - UPC 15955 - RTE 1 - INTERSECTION IMPROVEMENTS AT HOPKINS RD & HARWOOD ST (CMAQ)
 - UPC 113439 - BON AIR PEDESTRIAN IMPROVEMENTS (TA)

Rail, Freight, Intermodal Planning

7430	BUDGET	Billed this month	Total Funds Expended	% Total Funds Expended	UPWP Page
Rail, Freight, Interim. Planning.	54,000	199	199	0.4%	27

RRTPO Freight Planning Program

- Attended Transportation Research Boards (TRB) Urban Freight Committee Meeting.
- Attended Talking Freight Webinar series hosted by Federal Highway.

FY 2023



Richmond Regional
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Work Program Annual Report

End of Year FY23

Accomplishments

PlanRVA
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The RRTPO approved its FY 2023 Unified Planning Work Program (UPWP) in June 2022 and amended it in May 2023. The RRTPO Work Program Annual Report provides a short summary of each activity for the year. Please reference the [FY 2023 UPWP](#) for details concerning the approved budget and work description for each task.

Table 1 summarizes overall federal and local revenues budgeted by PlanRVA in FY 2023 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 2023 RRTPO UPWP BUDGET

Work Task	RRTPO Budget				
	PL	5303	CO 5303	OTHER (1)	GRAND TOTAL
7110 MPO Program Management	\$169,000	\$36,000	\$ -	\$ -	\$205,000
7120 UPWP Budget & Contract Admin.	\$51,200	\$12,800	\$ -	\$ -	\$64,000
7210 Public Outreach/Equity Analysis	\$220,000	\$ -	\$ -	\$ -	\$220,000
7220 Special Planning Efforts	\$221,000	\$ -	\$ -	\$ -	\$221,000
7230 Contingency Funding	\$34,748.50	\$115,928	\$330,889	\$ -	\$481,565.50
7310 Long Range Transp Planning	\$53,000	\$ -	\$ -	\$ -	\$53,000
7315 Scenario Planning	\$337,160	\$84,290		\$243,550	\$665,000
7320 Travel Demand Model	\$73,600	\$18,400	\$ -	\$200,000	\$292,000
7330 Transit	\$ -	\$280,000	\$ -	\$ -	\$280,000
7340 Act Transp-Bike/Ped	\$202,000	\$ -	\$ -	\$ -	\$202,000
7350 System Resiliency	\$170,000	\$ -	\$ -	\$ -	\$170,000
7410 Perf Based Transp Planning	\$69,472	\$15,528	\$ -	\$ -	\$85,000
7420 Financial Program / TIP	\$291,410	\$70,590	\$ -	\$ -	\$362,000
7430 Rail & Freight	\$41,882	\$12,118	\$ -	\$ -	\$54,000
TOTAL (\$)	\$1,934,472.50	\$645,653	\$330,889	\$443,550	\$3,354,564.50

(1) 7310 funds are direct carryover from FY22. 7315 and 7320 funds are RSTBG funds for travel demand model development.

Program Management

7100	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Program Management	269,000	57,497	239,517	89%	13

FY23 First Quarter Activity:

- Developed agenda packets for RRTPO Policy Board, Executive Committee, Technical Advisory Committee, Community Transportation Advisory Committee, 2050 Socioeconomic Data Workgroup and Public Transportation Work Group.
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Met with Policy Board Chair to review July, August and September TPO agendas and packets.
- Updated all RRTPO agendas, minutes and other documents for compliance with newly released FOIA Council requirements and best practices.
- Tracked UPWP progress and work task coordination.
- Identified and visited alternate meeting location sites for November, December and January Policy Board and Executive Committee meetings.
- Prepared and submitted content for the Fall edition of the Better Together Connector newsletter.
- Reviewed historical documents in RRTPO library; recycled duplicate publications, sorted and readied for packing in preparation of PlanRVA's office relocation.
- Met with Policy Board Chair to review October TPO agenda and packet.

FY23 Second Quarter Activity:

- Developed agenda packets for the October, November and December RRTPO Policy Board, Executive and Technical Advisory Committee (TAC) and the November Community Transportation Advisory Committee (CTAC).
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Completed updates to all RRTPO agendas, minutes and other documents with new PlanRVA office address.
- Tracked UPWP progress and work task coordination.
- Visited alternate meeting location sites for technology testing for upcoming off-site meetings.
- Identified and visited alternate meeting location sites for upcoming off-site meetings.
- Continued review of historical documents in RRTPO library; recycled duplicate publications, sorted and readied for packing in preparation of PlanRVA's office relocation.
- Assisted in consolidating, recycling and/or packing RRTPO files and completed move from 9211 Forest Hill Avenue office.
- Completed move to new PlanRVA office location.

- Met with Policy Board Chair to review November, December and January TPO agenda and packet.
- Meeting to discuss “First Look” event at PlanRVA office.

FY23 Third Quarter Activity:

- Developed agenda packets for RRTPO Policy Board, Executive Committee, Community Transportation Advisory Committee (CTAC) and Technical Advisory Committee (TAC).
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Completed RRTPO annual report for the City of Richmond.
- Completed Quarterly Work Status Report.
- Tracked UPWP progress and work task coordination.
- Met with Policy Board Chair to review February, March and April TPO agendas and packets.
- Updated/maintained contacts database; added/removed members and interested parties for Policy Board and committees.
- Participated in FY24 Work Program Priorities planning session.
- Met with Policy Board Chair to review April TPO agenda and packet.
- Participated in Communications Team meeting.
- Staff meetings to plan TIP open house and FY24 officer elections/schedules.
- Worked on planning for annual Transportation Forum event: coordinated speakers, finalized agenda, met with ChamberRVA for planning session, toured venue, finalized prize donations, created social media posts/emails for potential attendees, attended, facilitated and staffed forum event.
- Participated VAMPO virtual Peer-to-Peer Exchange and prepared a summary of the main discussion points.
- Participated in the PlanRVA staff meeting.
- Participated in meeting of the New Kent Community Health Improvement Plan Steering Committee.
- Observed meetings of the Tri-Cities MPO and Technical Advisory Committee.
- Observed and prepared a summary of the March 3 meeting of the Scenario Planning Advisory Committee.
- Participated in the Mamba Mentality Lunch and Learn Program
- Worked on planning for annual Transportation Forum event: coordinated speakers, initial draft of agenda, met with ChamberRVA for planning session, booked venue, contacted partners for prize donations, created social media posts/emails for potential attendees, design work for updated tablecloths, banners and signs.
- PlanRVA Safety Committee met on Feb 1 to discuss purchase and installation of additional safety equipment and an evacuation plan;
- Held “First Look” event at PlanRVA office; provided tours and information to RRTPO Policy Board members and other interested parties.

FY23 Fourth Quarter Activity:

- Developed agenda packets for two RRTPO Policy Board, two Executive Committee, three Technical Advisory Committee (TAC) and one CTAC meeting.
- Coordinated, staffed and participated in above meetings.

- Drafted minutes of above meetings and posted along with other related documents.
- Updated/maintained contacts database; added/removed members and interested parties for Policy Board and committees.
- Tracked UPWP progress and work task coordination.
- Worked on agenda draft, logistics and speakers for RRTPO, CVTA and PlanRVA Joint Annual Meeting scheduled for June 1, 2023.
- Facilitated RRTPO, CVTA and PlanRVA Joint Annual Meeting, followed by PlanRVA Day (informational sessions throughout the day; open to all board members as well as other stakeholders).
- Met with CTAC members Lisa Guthrie and John Easter to discuss the presentation of information on opportunities for increasing the engagement of CTAC.
- Participated in Communications Team meeting.
- Participated in the PlanRVA staff meeting.
- Planned and facilitated Regional Futures Charette, part of the Pathways to the Future project that utilizes scenario planning tools to leverage data around climate resiliency, technology advances, and community values. Hosted 40+ key stakeholders to identify strengths and weaknesses of the region today, explore concepts of how forces of change may impact the region and identify opportunities and risks of future growth.
- Attended Virginia Municipal Clerks Association annual conference in Harrisonburg, Virginia; received training on FOIA, open meeting requirements, records retention and communication related to local and regional boards.
- Finalized FY24 schedule of all RRTPO meetings for Policy Board approval.
- Training on SWAY and Monday.com for future tracking of RRTPO contacts and development of new member orientation presentations/packets.
- Product demonstrations for Granicus, Diligent and Monday.com to explore future board meeting management tools as well as board contacts management and onboarding.
- Facilitated meeting of the Pathways to the Future Scenario Planning Advisory Committee. Attendees reviewed results of the recent charette and survey and discussed potential changes in scenario narratives.
- Attended PlanRVA all-staff meeting.

Public Outreach & Equity Analysis

7210	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Public Outreach & Equity Analysis	220,000	55,722	197,231	90%	13

FY23 First Quarter Activity:

- Participated in Flying Squirrels community night to increase awareness about ConnectRVA 2045 Plan, BikePedRVA 2045 Plan, and increase public participation in transportation initiatives.
- Implemented and tracked community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA

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- Published first newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
 - Planned and developed second edition of newsletter and published additional posts for blog.
 - Participated in planning meetings and outreach discussions for the development and use of the Richmond region Market Value Analysis.
 - Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.

FY23 Second Quarter Activity:

- Implemented community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA
- Published newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in continued planning meetings and outreach discussions for the development and use of the Richmond region Market Value Analysis.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.

FY23 Third Quarter Activity:

- Implemented community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA
- Published newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in planning meeting and outreach discussion for the development and use of the Richmond region Market Value Analysis.
- Participated in planning meeting and outreach discussion for the transportation forum.
- Developed outreach and marketing materials for the Trolley Line Oral History project.
- Provide staff opportunity for lunch and learn “Mamba Mentality” about our country’s history and how to better move forward with equitable systems and programs.
- Participated in planning meeting and outreach discussion regarding Flying Squirrels and Richmond Kickers sponsorships.
- Participated in GRTC public engagement process for North-South and Western BRT surveys.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.

FY23 Fourth Quarter Activity:

- Participated in planning meetings and outreach discussions regarding Flying Squirrels and Richmond Kickers sponsorships.
- Implemented community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA
- Published newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in planning meeting and outreach discussion for the transportation forum.
- Distributed outreach and marketing materials for the Trolley Line Oral History project associated with the April 29 Event at VUU and Ashland Train Day
- Participated in GRTC public engagement process for North-South and Western BRT surveys.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.
- Provided staff opportunity for lunch and learn “Mamba Mentality” about our country’s history and how to better move forward with equitable systems and programs.
- Facilitated community outreach and planning for the scenario planning charrette.
- Participated in community discussion and analyzing data for “Unpacking the Census”
- Designed an Email Campaign for upcoming Squirrels game.
- Distributed flyers and captured photographs of the event.
- Monitored engagement for all social media posts for Scenario planning, BRT stakeholder meetings, and upcoming events.
- Captured locality photos for Board packets and newsletter.
- Participated in planning meeting and outreach discussion for the Joint Annual Meeting.
- Continue to promote the opportunity to the public to contribute stories to the Ashland Trolley Line Public History Project.
- Planned and facilitated the all-day PlanRVA Day on June 1 for members of RRTPO Policy Board, its committee members and stakeholders and others.
 - Booked speakers for transportation related sessions, including inclusion in multi-modal planning for regional trails and inclusion in regional planning.
 - Coordinated all tech setup for each presentation.
 - Photographed each part of the event.
 - Provided Marketing Collateral of PlanRVA projects around the office.
 - Conducted survey of the event to better plan for the 2024 PlanRVA Day.
- Attended annual kick off event for “Black Girls Do Bike” at Dorey Park in Henrico County by manning a PlanRVA information table and participating in the bike ride with members and community leaders.
- Sponsored and participated in Black Girls Do Bike event on the Virginia Capital Trail on June 4.

Special Planning Efforts

7220	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Special Planning Efforts	221,000	74,843	212,424	96%	20

FY23 First Quarter Activity:

- Developed regional Pipeline Projects database and mapping for socioeconomic data development.
- Gathered data concerning school enrollment and group quarter populations in region for socioeconomic data development.
- VCU Wilder Fellow on-boarding Aug 15 with introduction to staff to understand the work program and needs of smaller jurisdictions; meetings set for September will all jurisdictions to share resources and technical assistance opportunities.
- Participated in staff workgroup meetings to discuss and identify renewed communication standard for PlanRVA employees.
- Data requests from planning partners and peer agencies.
- Continued coordination with the Community Foundation, RMHF, GRTC, RMTA, GRP, ChamberRVA and RRT on their initiatives and areas of overlap with our agencies.
- Continued coordination with local staff, elected officials, and congressional representatives.
- Meetings/visits to discuss technical planning assistance needs with the smaller jurisdictions held in September, including: 9/20 Powhatan, 9/22 Goochland, 9/29 Ashland, 10/4 Charles City; requests being reviewed in conjunction with agency with follow up to smaller jurisdictions in October

FY23 Second Quarter Activity:

- Prepared competitive funding spreadsheet of Federal and State infrastructure fund programs to share as a resource for all PlanRVA jurisdictions
- Revised/updated competitive funding spreadsheet
- Continued to collaborate and refine the small jurisdiction pilot program, setting up communication tools
- Gathered GIS and reviewed supporting planning documents to be used as foundation for the update of the Ashland Bicycle and Pedestrian Plan.
- Continued to build on [Development Tracking interactive map](#) to help inform Socioeconomic Data as part of LRTP update.
- Data requests from planning partners and peer agencies.
- Continued coordination with the Community Foundation, RMHF, GRTC, RMTA, GRP, ChamberRVA and RRT on their initiatives and areas of overlap with our agencies.
- Continued coordinated with local staff, elected officials, and congressional representatives.
- Meetings/visit to discuss technical planning assistance needs with the smaller jurisdictions.

- Staff workgroup met to discuss and identify renewed communication standard for PlanRVA employees.

FY23 Third Quarter Activity:

- Continually update competitive funding spreadsheet of Federal and State infrastructure fund programs to share as a resource for all PlanRVA jurisdictions; posted new announcements of funding for the City, Henrico and Chesterfield through the Safe Streets for All USDOT program.
- Continued to collaborate and refine the small jurisdiction pilot program, setting up communication tools.

Ashland Bike Ped plan

- Update project.
- Met Parks & Rec Advisory Committee on Jan 12 to introduce the scope and share preliminary findings.
- Continue to collect GIS and review supporting planning documents to be used as foundation for the update.
- Preparation and facilitation of the March 9 meeting and March 30 work session of the Ashland Parks & Recreation committee to discuss Vision, Goals & Objectives for the plan.

FY23 Fourth Quarter Activity:

- Presentation to the PlanRVA board on the competitive funding spreadsheet of Federal and State infrastructure fund programs as a resource for all PlanRVA jurisdictions. <https://planrva.org/wp-content/uploads/Competitive-Funding-FINAL-042623.xlsx>.
- Continued to collaborate with our partners to refine the small jurisdiction pilot program.
- Continued work on the Ashland Bike Ped plan update project, incorporating March 30 work session input from the Ashland Parks & Recreation committee and preparation of the draft plan to be delivered to the Town on May 11.
- Developed and delivered the draft for the Ashland Bike Ped plan update project to the Town staff and the Ashland Parks & Recreation committee on May 11; working on edits received from the Town staff and committee. Continued work after delivery on updates.
- Tracking Federal and State competitive grant programs for infrastructure; assisted the City of Richmond with the submission of a funding application for a Charging and Fueling Infrastructure Grant on June 13.
- Assisting Charles City County with the kick-off of the Route 106 corridor study with VDOT.
- Assisted the City of Richmond with developing a grant submission (June 13) for the Federal [Charging and Fueling Infrastructure Discretionary Grant Program](#) with the aim of installing electric car charging stations throughout the city.
- Explored the Federal [Safe Streets and Roads for All \(SS4A\) Grant Program](#) with the aim of preparing to submit an application for funding in FY24.

Contingency Funding

7230	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Contingency Funding	481,565	0	0	0	18

- No funds expended this fiscal year.

Long-Range Transportation Plan

7310	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
L RTP	53,000	5,009	49,566	94%	19

FY23 First Quarter Activity:

- Socioeconomic data development for 2050.
- Finalized the 2050 control-totals for population and employment for all localities.
- Working on distributing the 2050 population and employment growth to the Transportation Analysis Zones.
- Smart Scale Round 5 project screening for ConnectRVA 2045 consistency

FY23 Second Quarter Activity:

Attended the InteractVtrans advisory group, organized by Office of Intermodal Planning and Investment.

- Attended and presented in the 'Making Targets Matter' peer exchange in Baltimore hosted by the Baltimore Regional Commission.
- Attended Association of Metropolitan Planning Organization (AMPO) Technical Committee Orientation Meeting.

FY23 Third Quarter Activity:

- Participated in the hiring process of the advertised Data Analyst position. The hiring process included reviewing the resume, shortlisting the prospective candidates, and setting up the interviews with the prospective candidate.

External Transportation Study Meetings

- Attended Association of Metropolitan Planning Organization (AMPO) Technical Committee and Interest group meetings and webinars.
- Reviewed and ranked twenty-four abstracts submitted for presentation for AMPO's annual conference.
- Attended the North Courthouse Road STARS Study Kick-off Meeting.
- Attended the Powhite Parkway Extension Traffic Working Group Meeting
- Attended the FHWA/FTA Webinar for the Updated Guidebook on Model Long-Range Transportation Plans.
- Attended the Route 288 and Genito Road Interchange Alternatives Report Working Group Meeting via Zoom on January 9.
- Attended Virginia Association of Metropolitan Planning Organization (VAMPO) Board of Directors Meeting.

- Reviewed and scored five abstracts submitted for presentation for Transportation Research Board (TRB) Innovations in Travel Analysis and Planning Conference.

FY23 Fourth Quarter Activity:

External Organization/Transportation Study

- Attended Association of Metropolitan Planning Organization (AMPO) Technical Committee and Interest group meetings and webinars.
- Attended Route 288 and Genito Road Interchange Access Report (IAR) study group meeting.
- Developed the presentation slides and poster for Transportation Research Board (TRB) - Conference on Innovations in Travel Analysis and Planning. Staff abstract about the planning tools used in ConnectRVA 2045 (the region's current adopted long-range transportation plan) was selected for the presentation in the conference.
- Attended Transportation Research Board: Innovations in Travel Analysis and Planning Conference Held in Indianapolis from June 4-7. Staff abstract about the planning tools used in ConnectRVA 2045 (the region's current adopted long-range transportation plan) was selected for the presentation in the conference.
- Attended VDOT's MPO quarterly Coordination and Annual Planning and Programming meeting.

Scenario Planning

7315	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Scenario Planning	665,000	272,025	629,934	95%	20

FY23 First Quarter Activity:

- Established a scoring mechanism for the selection of the best consultant team in the interviews.
- Interviewed three consultant teams in July.
- Coordination with the Consultant team to kick-start the process and develop a public participation plan for the Scenario Planning Process.
- Worked on the development of the System Resiliency/ Natural Hazard Risk Model.
- Work continues on the Eco-Logical Framework, adding layers of data requested by the Tribal Nations.
- Continued investigation on the application of the InVEST Urban Cooling model for the urbanized areas of the region.
- Exploration with partners on best ways to document data on those who are most vulnerable due to housing insecurity.
- Continued research on utility scale solar and its impact on land use, particularly the impacts on sensitive or protected resources which are most vulnerable; working to establish resources and support for local partners on alternatives, permitting, mitigation and decommissioning.

- Participated in VDOT Travel Demand Modeling Theory training sessions.
- Selected the best consultant team after the interviews and worked on negotiations
- Scenario Planning Consultant support contract executed with the consultants.
- Attended Transportation Research Board's 2nd Conference on the Use of Scenario Planning in Transportation from September 9-21 at Washington DC.

FY23 Second Quarter Activity:

- Continued coordination with the consultant team to kickstart the scenario planning process.
- Continued work on the technical aspects of the process including review of proposed data and models.
- Outreach to the potential candidates for the Scenario Planning Advisory Committee (SPAC).

FY23 Third Quarter Activity:

- Continued coordination with the consultant team to kickstart the scenario planning process.
- Continued work on the technical aspects of the process including review of proposed data and models.
- Outreach to the potential candidates for the Scenario Planning Advisory Committee (SPAC).
- Organized and attended SPAC Kick-off meeting on January 18

Committee (SPAC)

- Work on the presentation materials for the second Scenario Planning Advisory Committee (SPAC) meeting.
- Coordination with state partners including VDOT and Department of Air Quality (DEQ) for the historic Air Quality Data for the Richmond region.
- Worked to develop an invitation list for the public charrette which is scheduled for April 21, 2023.

FY23 Fourth Quarter Activity:

- Continued coordination with the consultant team for the overall scenario planning process. The Scenario Planning process has been branded as 'the Pathways to the Future (P2F)'.
- Continued work on the technical aspects of the process including development of data and proposed models.
- Coordinated and organized the first Charrette involving key stakeholders at PlanRVA offices on April 21. The charrette was attended by forty plus stakeholders.
- Developed and launched the Pathways to the Future [website](#).
- Developed and launched the Pathways to the Future public survey in MetroQuest platform. The survey is available in both [English](#) and [Spanish](#) versions and will be open until June 1.
- Developed the four-factor based scenario narrative framework which will be used to develop scenario narratives.
- Monitored the 'Pathway to the Future' public survey in the MetroQuest platform. The survey was available in both [English](#) and [Spanish](#) versions and was open to the public until June 1.

- Work on the coordination for the third and the fourth Scenario Planning Advisory Committee (SPAC) meetings.
- The third SPAC meeting was held on June 28 at PlanRVA office.

(Also refer to 7350 Systems Resilience Plan for work completed or in progress that will also support the Scenario Planning.)

Travel Demand Model (RTDM)

7320	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
RTDM	292,000	11,737	86,168	30%	21

FY23 First Quarter Activity:

- The Socioeconomic Data Workgroup kickoff meeting was held virtually on zoom platform on July 13.
- Individual follow-up after the meeting with locality representatives to establish 2050 control-totals for population and employment.
- Completed online and print media research to develop a database of pipeline residential, commercial, and industrial projects in the Richmond region.
- Staff continued work with local representatives on finalizing 2050 control-totals for population and employment.
- Continued work on development of a database of pipeline residential, commercial, and industrial projects in the Richmond region.
- Continued work to develop a data dashboard.

FY23 Second Quarter Activity:

- Socioeconomic data development for the year 2050.
- Distribution of 2050 population into Transportation Analysis Zones.
- (TAZ) is complete.
- Continued work on distribution of employment growth into the TAZs.
- Continued work on distributing the 2050 population and employment growth to the Transportation Analysis Zones.
- Attended a four-day virtual training on the Cube Software provided by VDOT.
- Housing Units, Households and Group Quarter Projections for 2050.

FY23 Third Quarter Activity:

Socioeconomic Data

- Finalized the 2050 Socioeconomic (SE) Data after the localities reviewed and vetted the data.
- Developed the SE data draft documents.
- Developed the online SE data story map and data dashboard for interactive online viewing of the data.
- Meeting with locality representatives to discuss the data as needed.
- Finalized all data variables at the TAZ level for 2050.
- Data QA/QC is being done before it is sent to the localities for review.

RTC Model Runs

- RTC model-runs to calculate the performance measures for the submitted projects for the annual Regional Project prioritization process to allocate STBG/CMAQ regional funds.
- Finalized and executed the Scope of Work for Task Order 11 as a part of the on-call consultant support for the Travel Demand Model. Task Order 11 will focus on adding a Connected/Autonomous Vehicle component to the existing Richmond/Tri-Cities (RTC) Model.

Data Request

- Provided the latest RTC Model to the consultants (AECOM) for the Tabletop Infrastructure Assessment project for the City of Richmond.
- Provided the 2017 and 2045 Socioeconomic Data by TAZ to the consultants (Foursquare ITP) for GRTC's Transit Strategic Plan (TSP)
- Provided the latest RTC Model to the consultants (Michael Baker International) for the Greater Richmond Transit Company (GRTC)'s North/South BRT Plan.

FY23 Fourth Quarter Activity:

Socioeconomic Data

- Finalized the 2050 Socioeconomic (SE) Data draft documents and online [GIS hub](#) for interactive online viewing of the data.
- Organized the Socioeconomic Data workgroup meeting which was held on April 6. The 2050 Horizon Year data was approved by the workgroup.
- Presented the 2050 Horizon Year data to the TAC. TAC approved the data and recommended the Policy Board for its approval.

RTC Model

- Attended web-based meetings to discuss the enhancement of the Richmond Simplified Land Use Allocation Model (RSLAM), and the development of a Connected/Autonomous Vehicle component to the existing Richmond/Tri-Cities (RTC) Model. This is a part of Task 11 of the on-call consultant support for the Travel Demand Model.

Data Request

- Provided the 2017 and 2045 Socioeconomic Data by TAZ to the consultants (Renaissance Planning) for the city's Richmond Connects Project.
- Provided the 2017 and 2045 Socioeconomic Data by TAZ to the consultants (EPR, P.C.) for GRTC's North-South BRT Study.
- Provided the 2017 Virginia Employment Commission Job data aggregated to a hexagonal grid of polygons of ¼ mile in size covering the GRTC service area to the consultants (Jarrett Walker) for GRTC's North South BRT Study.
- Provided the 2050 Socioeconomic Data by TAZ to the consultants (RK&K.) for N. Courthouse Road STARS Study

Transit

7330	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Transit	280,000	55,219	231,508	83%	22

FY23 First Quarter Activity:

- Coordinated with GRTC staff on developing a scope of work for a N-S Bus Rapid Transit route analysis study
- Prepared a regional transportation update for presentation at the July 7 meeting of the Hanover Human Services Network, the July 14 meeting of the Senior Connections Advisory Council, the July 21 meeting of the New Kent Community Outreach Council, and the July 26 Senior Connections Board of Directors.
- Participated in the July 7 in-person/virtual meeting of the Hanover Human services network. Followed up by contacting Debbie Preston of Hanover Human Services concerning a public outreach opportunity at the Hanover Outreach Day.
- Attended the August 16 meeting of the GRTC Board of Directors and prepared a summary of the Board's discussions.
- Participated in the August 18 RVA Rapid Transit "Transit Talk" webinar, "Cooling Down the Bus Stop." The speaker was Jeremy Hoffman of the Science Museum of Virginia. Mr. Hoffman reviewed recent temperature trends in the region, the impact of transit on reducing emissions, and the results of heat mapping studies at selected GRTC bus stops. Additionally, he noted that the higher rate of heat-related cases among the African-American population was an environmental justice issue and in that there are several measures that can be taken to make the transit experience more comfortable.
- In response to an inquiry from Missi Boyer of Senior Connections, on August 3 compiled and provided her with background information concerning the steps leading to the identification of Senior Connections as the Regional Human Services Transportation Coordination Entity.
- Participated in the August 17 virtual meeting of the Human Services Transportation Coordination Entity Steering Committee. Provided a brief summary of recent and upcoming transportation developments.
- Participated in the August 16 meeting of the New Kent County Community Health Assessment Steering Committee.
- Attended the following webinars and meetings:
 - Creating a More equitable Transportation System Through Mobility on Demand.
 - Transportation Diversity, Equity and Inclusion.
 - Transit Talk" by RVA Rapid Transit.
 - Pathways to Success for Autonomy in Public Transit-Arlington's Journey with May and Via.
 - New Kent Community Health Assessment.
 - Shared Values in Action Summit at the Dominion Energy Center.
 - Assessing and Addressing the Mobility Needs of an Aging Population
 - Disability Inclusive Public Transport-Practical Steps to Making Public Transport Disability Inclusive
 - Meeting Transportation Needs in an Aging-Friendly Community.

- Assessing the Transportation Needs of Low-Mobility Individuals: Case Study
- Virtual VDRPT Section 5310 applicants' workshop.
- Responded to the request of GRTC for staff assistance in conducting preliminary study of possible western extension of the BRT identifying potential minimum operable segments that could serve as a first phase of extension; planning study will involve a public engagement through a group of stakeholders over a seven month time period.

FY23 Second Quarter Activity:

Public Transportation Services

- Reviewed the following documents:
 - Mobility on Demand Planning and Implementation-Current Practices, Innovations, and Emerging Mobility Futures
 - New Mobility in the Right-of-Way
 - Shared Automated Vehicle Toolkit: Policies & Planning Considerations for Implementation
 - The Shared-Use City: Managing the Curb
 - Autonomous Vehicles A Policy Preparation Guide
 - City of the Future-Technology and Mobility
 - The Future of Mobility Post-COVID
 - A Review of International Best Practice in Accessible Public Transportation for Persons with Disabilities
 - Transportation for an Aging Population: Promoting Mobility and Equity for Low-Income Seniors
 - Mobility on Demand Planning and Implementation
- Participated in the following webinars:
 - Optibus, "The Time for Electric Buses is Now,
 - National Aging and Disability Transportation Center, "Language Matters-Transportation Diversity, Equity and Inclusion."
 - Eno Center for Transportation webinar, "The Role of Technology in Modernizing Supply Chains."
 - FHWA-hosted webinar, "Improving Safety for Pedestrians and Bicyclists Accessing Transit".
 - Via Transit webinar, "Mixed with Fixed-How UTA and Palm Tran Have Integrated On-Demand with Fixed-Route Service."
 - University of Florida Transportation Institute webinar, "Transportation Disadvantaged Population-Travel Characteristics and Emerging Mobility Solutions."
 - Metro Magazine/Moovit webinar, "Connecting Microtransit with Fixed-Line Transit Through Unified Mobility."
- Assisted with the GRTC riders' survey at the Willow Lawn stop. Distributed a flyer containing a QR code to the survey to waiting passengers, explained the purpose of the survey, and encouraged them to complete the survey.
- Reviewed and provided comments on the draft 2022 New Kent County Community Health Assessment Report
- Participated in final stakeholder group meeting for Staples Mill Road Small Area Plan
- Attended North-South BRT Corridor Study Outreach Workshop at GRTC offices

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- Met virtually with CTAC Chair and Vice-Chair Lisa Guthrie and Sera Erickson, respectively, to review the agenda for the November 17 CTAC meeting.
 - Participated in the program, “Unpacking the Census” at the University of Richmond.
 - In preparation for the November 16 meeting of the Human Services Transportation Coordination Entity Steering Committee, prepared a summary of recent and upcoming regional transportation developments. Presented the summary to the members of the Steering Committee, and participated in the remainder of the meeting, which included an overview of GRTC and its travel training program; a summary of the Goochland Cares transportation program, and a description of the Senior Connections Money Management Program.
 - Participated in hybrid meetings of the Hanover Human Services Network, New Kent Community Outreach Council, and Senior Connections Advisory Council,
 - Participated in the October 6 VDRPT virtual presentation on the Virginia Transit Equity and Modernization Study.
 - Met virtually with Trina Willard and Sandra Wright of the Knowledge Advisory Group to discuss the development of a transportation plan for the Goochland Community Action Agency.
 - Attended two meeting of the GRTC Board of Directors and prepared a summary of the primary meeting points.
 - Attended meeting with GRTC and representatives from Michael Baker to discuss ways PlanRVA can support their BRT North-South Study.

Elderly/Disabled

- Participated in the October 14 VDRPT virtual Central Region FY24 Coordinated Human Service Mobility Plan meeting.

Western BRT Corridor Analysis

- Initiated the Western BRT Corridor Analysis, which will support GRTC in their plans to seek grant funding for a planning study to take place in 2023-2024 that will provide environmental clearance for the first phase of a high-frequency transit extension towards Short Pump. Work this month included rounding out the scope of work, developing an outreach schedule, facilitating kick-off meetings, and designing a MetroQuest survey.
- Hosted kick-off meeting of the Western BRT Corridor Analysis Steering Committee
- Held economic impact potential strategy meeting
- Continued work on the Western BRT Corridor Analysis, which will support GRTC in their plans to seek grant funding for a planning study to take place in 2023-2024 that will provide environmental clearance for the first phase of a high-frequency transit extension towards Short Pump. Work this month included launching the public MetroQuest survey and analyzing preliminary results, developing an economic impact analysis methodology, engaging stakeholders, and tracking promotional efforts.

FY23 Third Quarter Activity:

Public Transportation Services

- Public Transportation Services

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- Developed and submitted updates on regional transportation developments for presentation January 5 meeting of the Hanover Human services Network, the January 11 Goochland Community Partners meeting, the January 19 meeting of the New Kent Resource Council and the February 8 meeting of the Human Services Transportation Coordination Entity Steering Committee.
 - Met with staff members Sulabh Aryl and Rashaunda Lanier-Jackson to develop a plan for presenting to CTAC opportunities for increased engagement.
 - Observed the January 17 meeting of the GRTC Board of Directors and prepared a report on the primary meeting topics.
 - Participated in the January 20 Smart Mobility Connections seminar, “Uber & Lyft in U.S. Cities: Findings and Recommendations.”
 - Participated in the January 24 in-person meeting of the New Kent Community Health Improvement Plan Steering Committee.
 - Participated in the following webinars:
 - February 2 Road to Zero Coalition webinar, “Safe Mobility for Older Adults” featuring representatives of the National Highway Traffic Safety Administration, the Clearinghouse for Older Road User Safety (CHORUS), National Aging and Disabilities Transportation Center, and Florida DOT.
 - February 3 and 23 virtual meetings of the Tri-Cities MPO Technical Advisory Committee and MPO.
 - Key findings from Mineta Transportation Institute webinar, “Exploring the Use of Public Transportation Among Older Adults During the COVID-19 Pandemic” showed more use of mobile phone apps but lower participation in outside activities. Follow up survey to determine habits and travel patterns after COVID.
 - February 8 virtual meeting of the Senior Connections Human Services Transportation Coordination Entity Steering Committee.
 - February 13 and 14 Grant Writing USA Workshop at the Henrico County Public Safety Training Center.
 - January 25 webinar, “Update on Aging in Virginia.”
 - January 25 Shared Use Mobility Center webinar, “Micromobility in Local Climate Strategies.”
 - February 15 Swiftly webinar, “2023 State of Public Transit.” The webinar featured speakers from California, Oregon and Nevada public transit agencies.
 - February 21 San Jose State University webinar, “Free Transit for All.” on equity implications of free transit service; free-transit strategies; operating without fares.
 - Feb 27 webinar by US Aging Housing and Services Resource Center on “The Role of Transportation in Cross Sector Collaborations Designed to Improve Housing Stability.”
 - Autonomy for the Rest of Us
 - National Aging and Disability Transportation Center - Microtransit vs. Micromobility: Planning Considerations
 - National Aging and Disability Transportation Center - NADTC Coordination Coalition Initiative Showcase and Virginia Tech Safe D - Automated Shuttles and Buses for All Users
 - San Jose State University webinar, “Free Transit for All.” on equity implications of free transit service; free-transit strategies; operating without fares.

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- Feb 27 webinar by US Aging Housing and Services Resource Center on “The Role of Transportation in Cross Sector Collaborations Designed to Improve Housing Stability.”
 - Attended the March 21 meeting of the GRTC Board of Directors and prepared a summary of the primary meeting points.
 - Attended and reported on regional activities at February 23 meeting of the Senior Connections Advisory Council.
 - Prepared a draft spreadsheet summarizing available transportation services in the region.
 - Attended and reported on February 21 meeting of the GRTC Board of Directors.
 - Attended and reported on regional activities on February 23 meeting of the Senior Connections Advisory Council.
 - Reviewed the following documents:
 - VCU Dr. Chen’s white paper, “Public Transit Operator’s Response to the COVID-19 Pandemic: The Case of Greater Richmond Transit Company”.
 - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
 - Barriers & Facilitators of People with Disabilities in Accepting & Adopting Autonomous Shared Mobility Services
 - Driving Towards Driverless: A Guide for Government Agencies
 - Shared Mobility-How New Businesses are Rewriting the Rules of the Private Transportation Game
 - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
 - The Future of Mobility Post-COVID
 - Shared Mobility-How Businesses are Rewriting the Rules of the Private Transportation Game
 - Re-programming Mobility-The Digital Transformation of Transportation in the United States
 - Universal Mobility An Implementation Resource, Considerations for TNC Partnerships: Seniors & Individuals with Disabilities, Not If, but when: Autonomous Driving & the Future of Transit
 - Autonomous Vehicles (National League of Cities, Center for City Solutions)
 - Making Better Places: Autonomous Vehicles and future Opportunities

OFY23 Fourth Quarter Activity:

- Prepared and provided summaries of recent and upcoming regional transportation developments for the April 6 and 12 meetings of the Hanover Human Services Network and Goochland Community Partners, respectively.
- Prepared and provided a summary of recent and upcoming regional transportation developments for the April 20 meeting of New Kent Resource Council.
- Reviewed the following documents:
 - The Future of Micromobility: Ridership & Revenue After a Crisis
 - Shared Micromobility in the US 2020-2021
 - Partnerships Between Transit Agencies and Transportation Network Companies
 - Transportation Equity-Mobility Choices for All

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- Millennials in Motion-Changing Travel Habits of Young Americans & the Implications for Public Policy
 - Transportation Access for Everyone: Washington State
 - Transition to Shared Mobility-How Large Cities Can Deliver Inclusive Transport Services
 - A Framework for Integrating Transportation Into Smart Cities
 - Challenges Faced by People with Disabilities in Public & Active Transportation Systems in the U.S
 - 2023 State of Transit
 - Principles to Plan, Design, & Implement Innovative Mobility Pilot Projects
 - The Future is Now-The Technology & Policy of Self-Driving Cars
 - Integrating Micromobility with Public Transit: A Case Study of the California Bay Area
 - Inclusive Transit: Advancing Equity Through Improved Access & Opportunity
 - Maintaining Diversity in America's Transit-Rich Neighborhoods
 - Participated in the following webinar: April 6 National Aging and Disability Transportation Center (NADTC).
 - Observed the April 7 meeting of the Tri-Cities MPO TAC and the April 13 meeting of the Tri-Cities MPO.
 - Observed the April 10 meeting of the CVTA TAC and the April 28 meeting of the Central Virginia Transportation Authority.
 - Participated in the April 12 virtual meeting of the City of Richmond Next 50 Initiative.
 - Participated in the April 17 virtual meeting of the RideFinders Advisory Board.
 - Participated in the April 27 RVA Rapid Transit virtual panel discussion, "Healthy Connections: Public Transportation and Social Determinants of Health."
 - PlanRVA staff attended a meeting with GRTC leadership on possible transit projects for FY24.
 - Provided the 2017 Virginia Employment Commission Job data aggregated to a hexagonal grid of polygons of ¼ mile in size covering the GRTC service area to the consultants (Jarrett Walker) for GRTC's North South BRT Study.
 - Provided the 2050 Socioeconomic Data by TAZ to the consultants (RK&K.) for N. Courthouse Road STARS Study.
 - Attended the State of Transit 2023 Reception hosted by RVA Rapid Transit June 14.
 - Attended the kick-off GRTC Transit Strategic Plan Stakeholder Meeting on June 16.
 - Observed the June 2 meeting of the Tri-Cities MPO Technical Advisory Committee and prepared a summary of the primary meeting points.
 - Participated in the June 5 virtual VCU Transatlantic presentation of concepts for improving access and development patterns along the Rt 60 corridor.
 - On June 6 met with Colleen Wilhelm of Senior Connections to discuss the development of the update to Senior Connections Area Plan.
 - Participated in the June 12 VAMPO Annual Business and Board of Directors Meetings and prepared a summary of the primary points of the meetings.
 - Observed the June 12 virtual CVTA Technical Advisory Committee meeting.
 - Observed the June 13 virtual meeting of the RRTPO Technical Advisory Committee.
 - Observed the June 14 CVTA Finance Committee meeting. .

- Participated in the June 22 meeting of the Charles City County Community Health Assessment Steering Committee.
- Reviewed the agenda packet for the June 20 GRTC Board of Directors meeting. Observed the meeting and prepared a summary of the primary points.
- Prepared a summary of recent and upcoming regional transportation developments for presentation at the July 6 meeting of the Hanover Human Services Network.
- Participated in the June 26 CTAA/May Mobility webinar, "Autonomous Vehicles-State DOT Perspectives, Support, & Vision."
- Met with Barbara Jacocks and Dan Motta in June 27 to discuss PlanRVA's response to TPO member David Williams' request for additional study of the need for specialized transportation service in Powhatan County.
- Prepared a draft agenda and updated list of future meeting topics for the July 20 CTAC meeting.
- Participated in a June 29 on-site meeting with Colleen Wilhelm and Missy Boyer of Senior Connections concerning the types of data that PlanRVA may be able to provide to Senior Connections for use in its area plan update.
- Reviewed the agenda for the June 30 meeting of the RideFinders Advisory Board. Participated in virtual meeting.

North-South BRT

- Attended bi-weekly meetings with project team developing the plan for a north-south BRT expansion for GRTC.
- Developing project website for GRTC North-South BRT.
- Attended public meeting for N/S BRT at River City Middle School May 9.
- Attended steering committee meeting for N/S BRT.

West Broad Street BRT

- Presented Draft Report for West Broad Street BRT Analysis at a virtual public stakeholder meeting and opened a public comment period to run until May 15.
- Assisted with BRT public stakeholder meeting.
- Finished Economic Impact Analysis of BRT for inclusion in draft report.
- Held monthly status meeting with study advisory group made up of GRTC and Henrico County representatives.
- Presented draft report for West Broad Street BRT Analysis to Human Services Transportation Coordination Entity on May 8.
- Reviewed stakeholder and public comments for the draft West Broad Street BRT Analysis.
- Completed West Broad Street BRT Corridor Analysis.
- Presented report for West Broad Street BRT Analysis at a virtual public stakeholder meeting on May 31.
- Held status meetings with GRTC and Henrico County representatives.
- Continued developing project website for West Broad Street BRT.
- Presented draft report for West Broad Street BRT Analysis to RRTPO TAC on June 13.
- Promoted West Broad Street BRT Analysis through interview with Ian Stewart at Virginia Public Media which resulted in radio and digital coverage.

Active Transportation: Bicycle and Pedestrian

7340	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Active Transportation	202,000	46,445	201,943	100%	23

FY23 First Quarter Activity:Fall Line

Assisted Henrico County staff with their Sept. 14 Fall Line public meeting at Longdale Elementary School. Approximately 36 people were in attendance.

Assisted City of Richmond staff with their Sept. 19 Fall Line public meeting at Holton Elementary School. More than 100 people were in attendance.

Richmond Regional Bicycle and Pedestrian Plan

- The *BikePedRVA 2045* plan implementation moves forward with the [BikePedRVA 2045 Information Hub](#). The hub features regularly updated information including updated statistics and trends of annual pedestrian and cyclist crashes, focus on the high-injury network (HIN) from the Regional Safety Plan, funding resources for local and regional projects, summaries of funding applications, new and improved active transportation infrastructure projects and programs instituted to-date throughout the region, and information to be shared with the reconstituted Active Transportation Work Group (ATWG) who will work with staff to carry out the adopted plan.
- The *BikePedRVA 2045* plan was adopted by the TPO Policy Board on May 5, 2022.
- Updates on crash data and projects contributing to the regional Active Transportation network have been made to the [BikePedRVA 2045 Information Hub](#).
- A separate story map is being developed as a ready resource of regularly updated information on the implementation of the *BikePedRVA* plan. A new section entitled "What's New?" will include updated statistics and trends of annual pedestrian and cyclist crashes, focus on the high-injury network (HIN) from the Regional Safety Plan, funding resources for local and regional projects, summaries of funding applications, new and improved active transportation infrastructure projects and programs instituted to-date throughout the region, and information to be shared with the reconstituted Active Transportation Work Group (ATWG) who will work with staff to carry out the adopted plan.

Ashland Trolley Line Trail Study

- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Ashland, Hanover, and Henrico counties on concepts that will depict the trolley line's former role (ca. 1907-1938) and community connections. Concepts include interpretative signage that can supplement three signs already installed in Ashland, audio stories via app tied to different segments of the trail as it developed, and way-finding signage or mapping that will take trail users to adjacent sites of community interest.

- Staff met with the Hanover parks and recreation director in July to support this effort. Staff also met with parks and recreation and planning officials from the City of Richmond in efforts to re-engage the city on this historical interpretation effort. Two story maps for the project illustrate the importance and potential for the 14-mile Trolley Line Trail, now a segment of the Fall Line, and includes an updated story map of the [history of the trolley line](#) and a [design sketchbook](#).
- Staff participated in CVTA Fall Line meetings and continue to work with localities along the trail on funding options. VDOT is currently also working with a consultant on design guidelines for the trail group meeting.
- Updates continue to be made to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.
- Trolley Line steering committee, including history team met on September 21 to review individual locality work efforts on segments of the Trolley Line. Next steps are to incorporate the interpretation elements with key trailheads or intersections of the trail route considering physical constraints and opportunities of each potential location.
- The outcome of the project will be recommendations of interpretative elements and amenities which weave the stories into specific locations, i.e. trailheads, cross-connections, and wayfinding, focusing first on the 21 historic trolley stops;

East Coast Greenway

- Work continues with ECG on updates to designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail. Staff continues to assist ECG staff with a video project in the Richmond area including the Virginia Capital Trail and the developing Fall Line.
- Staff continued to assist ECG staff with the planning for the Fall Virginia East Coast Greenway Summit, which was held October 4 at the PlanRVA offices.
- Staff participated in the quarterly ECG council meeting on Sept. 6.

FY23 Second Quarter Activity:

Attended webinar on Biking, Walking & Trail Funding: Best Practices for 2023 Legislative Sessions and Beyond from the Rails-to-Trails Conservancy.

Attended webinar on AI-Generated Street Scenes for use in engaging the public with potential streetscape interventions.

Fall Line

Staff continued to track Fall Line discussion and decision-making at CVTA and TAC meetings, including the Fall Line Working Group on November 2.

Staff attended the VDOT Fall Line Northern Section public meeting in Hanover County at Elmont Elementary School on November 15.

Presented summary of Trolley Line Trail efforts at the Friends of Fall Line meeting on October 5.

Traveled with the Sports Backers Fall Line delegation bus trip to see trail networks, economic development along trails, and speak with local officials and advocates in Northern Virginia and Washington, D.C., on Oct. 19.

Richmond Regional Bicycle and Pedestrian Plan

- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Staff met with Chesterfield County planners to discuss a special focus area plan for the area around Chippenham Parkway and Ironbridge Road and the potential impact for regional connections for the East Coast Greenway, Fall Line, and connections to the City of Richmond.
- Attended the virtual Virginia Trails Alliance meeting on October 12.
- Attended the virtual State Trails Advisory Committee meeting on October 27.
- Participated in ITDP-hosted webinar, "Protected Bicycle Lanes Protect the Climate - Evidence from Cities".
- Participated in The Valentine-hosted event, "History/Controversy: Where Are We Going? Changes in Transportation" on November 1.
- Staff participated in the virtual AMPO Active Transportation Work Group on November 29.

Ashland Trolley Line Trail Study

- Staff scheduled and held four in-person meetings and site visits with the Trolley Line steering committee and NPS staff at area localities for the dates of November 16-17, including a meeting with representatives from Virginia Union University.
- Updates continue to be made to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line. Used to map to present at October 5 Friends of Fall Line meeting.
- Staff worked with the Trolley Line steering committee to schedule in-person meetings with NPS staff and Richmond area localities for the dates of November 16-17.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on researching community stories centered around the operational period of the trolley line (ca. 1919-1938). We have filed a request to continue working with the NPS on this project through 2023 on an expanded project.

East Coast Greenway

- Staff continue to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff attended the Dec. 6 ECG Council quarterly meeting.
- Staff helped promote and attended installments of the ECG Impact Series, a report from each of the regional coordinators to update the 2022 progress along the greenway.
- Staff assisted ECG staff with the planning and running of the Fall Virginia East Coast Greenway Summit, held October 4 at the PlanRVA offices.

FY23 Third Quarter Activity:

- Participated in the virtual Jan. 10 Virginia Trails Alliance meeting.

- Participated in the Jan. 19 webinar “Harnessing the Power of Trail Networks: TrailNation” by the Rails-to-Trails Conservancy. It is part of an on-going series of webinars.
- Participated in the Virginia Outdoors Recreation Caucus meeting on Feb. 1 at Virginia State Capitol.
- Attended the February “Controversy/History” discussion by The Valentine on public spaces and environmental reckoning at the Science Museum of Virginia.
- Attended the annual State of the Trail virtual event for the Friend of the Lower Appomattox on Feb. 22.
- Continued to support Lower Chickahominy River recreational infrastructure and trails planning.
- Participated in the Feb. 14 webinar “Accessing Federal Trail Funding: Understanding Transportation Alternatives” by the Rails-to-Trails Conservancy, part of an on-going series of webinars.

Fall Line

- Met with the executive director for Virginia Capital Trail Foundation to discuss the future management of Fall Line.
- Staff participated in the Jan. 4 Friends of the Fall Line meeting, which included a review of the [Vision Plan](#) launched by Sports Backers. Staff also participated in the Jan. 11 information session.
- Met with Sports Backers to discuss the future management of Fall Line.
- Continued to track Fall Line discussion and decision-making at CVTA and TAC meetings. Assisted with the CVTA Fall Line Working Group Wayfinding plan proposals.
- Staff continued to work with regional and state partners on presentation for a panel discussion at the April 25-27 Virginia Land Conservation and Greenways Conference (VaULT).

Richmond Regional Bicycle and Pedestrian Plan

- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Staff continues to work with Chesterfield County planners to discuss a special focus area plan for the area around Chippenham Parkway and Ironbridge Road and the potential impact for regional connections for the East Coast Greenway, Fall Line, and connections to the City of Richmond.
- Chesterfield has also included PlanRVA staff on efforts to apply for three RAISE grants for potential projects in the county that have active transportation elements.
- Supported the Town of Ashland with the update to the Town’s bicycle and pedestrian plan, including an evening work session in Ashland on March 30.
- Began planning for an April presentation for the Safe & Healthy Streets Commission City of Richmond.

Ashland Trolley Line Trail Study

- Additional information and images continue to be added to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.

- Staff participated in the February meeting for the Henrico County Active Transportation Committee.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on the public history project intended to uncover and record oral history stories from around the operational period of the trolley line (ca. 1908-1938). The request to continue working with the NPS through 2023 was approved.
- Staff appeared on the Gary Flowers radio show on Feb. 21 to help promote the Feb. 23 Trolley Line Trail Public History Project event.
- Staff held a public event to kick-off the Trolley Line Trail Public History Project at Virginia Union University (VUU) with NPS, City of Richmond, and a VCU graduate student on Feb. 23.
- Staff began planning for a second public event for the Ashland Trolley Line Public History Project at Virginia Union University (VUU) with NPS, City of Richmond, and a VCU graduate student on April 29. It will be a guided Walk & Talk in the area around VUU.
- Our current efforts are working with Virginia Union University (VUU), NPS, City of Richmond, and a VCU graduate student on a kick-off event on Feb. 23 at VUU.

East Coast Greenway

- Staff participated in the Feb. 14 East Coast Greenway Council meeting.
- Staff continues to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff continued to work with ECG on the Spring Virginia Summit, expected to be held on April 13.

FY23 Fourth Quarter Activity:

- Participated in webinar ("Cycling Cities Stories: Making Temporary Cycle Lanes Permanent").
- Participated in "Equity in Roadway Safety Leadership Panel".
- Participated in the virtual meeting for VDOT's Transportation Alternatives Program (TAP) applicant workshop on April 5.
- Development of website to present information on e-bike financial incentive programs around the United States.
- Continued to support PlanRVA staff on the Lower Chickahominy River recreational infrastructure and trails planning.
- Participated in Virginia Statewide Bicycle and Pedestrian Advisory Committee (BPAC) 2022 Spring Meeting.
- Participated in a webinar "Cycling Past 50" examined the cycling habits and preferences of thousands of adults ages 50 to 85-plus and how to keep them engaged and safely cycling as they age.
- Participated in a webinar "Local Infrastructure Hub: Safe Streets for All".
- Participated in a webinar "How to Make your Safe Streets and Roads for All Application Successful" by the Rails-to-Trails Conservancy, June 6.
- Attended the OpenStreetMap State of the Map U.S. 2023 Conference in Richmond, Virginia from June 8–11.
- Participated in a webinar "Park Bench Chat: Greenspace Policy to Advance Health Equity," presented by CityHealth and TPL held on June 21.

- Staff began planning to assist with a mobility audit of the Chamberlayne Avenue corridor in Richmond with Partnership for Smarter Growth.
- Staff began planning to assist with a mobility audit of the Petersburg neighborhoods with regional partners.

Fall Line

- Continued to track Fall Line discussion and decision-making at CVTA and TAC meetings. Assisted with the CVTA Fall Line Working Group Wayfinding plan proposals.
- Staff presented with regional and state partners on a panel discussion at the April 25-27 Virginia Land Conservation and Greenways Conference (VaULT).
- Participated in the April 5 Friends of Fall Line virtual meeting.
- Participated in the May 3 APA Virginia May Urbanism Happy Hour: Progress on the Fall Line Trail.
- Participated in two in-person charettes on May 8 and May 12 for the Sports Backers Vision Plan for Fall Line.
- Participated in Henrico County's May 16 Fall Line public meeting at Lewis Ginter Botanical Garden. PlanRVA staff supported the Ashland Trolley Line Public History Project.
- Assisted the CVTA Wayfinding plan, coordinating with the contractor to complete a checklist of needed tasks as part of the planning process.

Richmond Regional Bicycle and Pedestrian Plan

- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Supported PlanRVA staff as we assist the Town of Ashland with the update to the Town's bicycle and pedestrian plan.
- PlanRVA staff attended and managed table at the Richmond Speed Management Symposium at Main Street Station, focusing on our work in regional roadway safety and safety of vulnerable roadway users.
- PlanRVA staff attended the quarterly meeting of the Safe and Healthy Streets Commission of Richmond and presented a status update on the progress to the regional bicycle and pedestrian network.
- Participated in the April 3 Virginia Trails Alliance virtual meeting.
- Staff worked to program a panel for PlanRVA Day to be held on June 1.
- Updates on projects contributing to the regional Active Transportation network Organized and participated in an active transportation panel for PlanRVA Day, held on June 1.
- Staff began meeting with the new VDOT Statewide Bicycle and Pedestrian planner. First result was to hold the July 25 BPAC meeting at the PlanRVA offices.

Ashland Trolley Line Trail Study

- Additional information and images continue to be added to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on the

public history project intended to uncover and record oral history stories from around the operational period of the trolley line (ca. 1908-1938).

- Staff held the second public event for the Ashland Trolley Line Public History Project at Virginia Union University (VUU) with NPS, City of Richmond, and a VCU graduate student on April 29. It included a guided Walk & Talk in the area around VUU. PlanRVA staff also manned a table at the Ashland Train Day on April 29 to promote the oral history story opportunity.
- Participated in Henrico County's May 16 Fall Line public meeting at Lewis Ginter Botanical Garden. PlanRVA staff supported the Ashland Trolley Line Public History Project.

East Coast Greenway

- Staff also continue to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff worked with ECG on the Spring Virginia Summit which was held virtually on April 13.
- Participated in the Greenway Council Meeting on April 11.
- Staff reviewed the East Coast Greenway Alliance Annual Report.
- Staff assisted the East Coast Greenway Alliance schedule and promote an event on May 24 at Starr Hill Beer Hall & Rooftop for the premier of the short film, "Changing Gears," highlighting Richmond's Urban Cycling Group.
- Participated in the June East Coast Greenway Council meeting, June 6.
- Staff continued to work with ECG staff on communications with VDOT about wayfinding signage and designations along the Virginia Capital Trail and as the Fall Line is developed.

Systems Resilience Plan

7350	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Systems Resil. Plan	170,000	37,733	157,283	93%	24

FY23 First Quarter Activity:

- Continued coordination with coastal program initiatives, and hazard mitigation plan effort, including data mapping and overlap in programs among the eastern counties in the MPO study area.
- Work completed on the Eco-Logical Framework, adding layers of data requested by the Tribal Nations, awaiting further response on how to employ.
- Application of the InVEST Urban Cooling model to the City of Richmond first before expanding into the urbanized areas of the region for purposes of scenario planning.
- Pre-testing standard ESRI packages with partners to document data and trends of vulnerability due to housing insecurity.

- Continued coordination with coastal program initiatives, and hazard mitigation plan effort, including data mapping and overlap in programs among the eastern counties in the MPO study area.
- Continued research on utility scale solar working to establish resources and support for local partners on alternatives, siting agreements to maximize local revenue from solar, permitting, mitigation and decommissioning.
- Developing a preliminary outline brief for the primary pillars of resilience report.
- effort, including data mapping and overlap in programs among the eastern counties in the MPO study area.
- Internal staff coordination of next steps for development of performance data and tracking of resilience metrics. Discussion included integration of scenario planning effort into program, best practices from peer agencies, and research on methodologies for operationalizing resilience such as GHG inventories and network redundancy. Other topics explored include Electric Vehicle utilization, work with Environmental staff on Flood Mapper roll-out, and prioritization of issues of risk on vulnerable populations such as heat island effects, housing, and transit access.

FY23 Second Quarter Activity:

- Work completed on the Eco-Logical Framework, adding layers of data requested by the Tribal Nations, awaiting further response on how to employ.
- Application to DOF Urban & Community Forestry Grant pending for Urban Cooling InVEST Model. After acceptance, a search for a student intern to assist with the project was undertaken.
- Pre-testing standard ESRI packages for housing vulnerability complete. Further discussion with partners pending.
- An approach has been finalized for using ESRI tools to help assess homelessness and. A formal agreement with our community partner is under negotiation and the results of the effort will enhance transit availability assessments. PlanRVA staff will assist in technical training of our partner's employees in the coming weeks.
- Explored SolSmart Regional Designation as a potential resource for localities to streamline and reduce the cost of solar investments.
- Determined that pursuing SolSmart Regional Designation would be beneficial to the resilience of the region and will leverage additional resources and technical assistance for localities to streamline and reduce the cost of solar investments. A Commitment Letter has been drafted and is awaiting signature by the Executive Director.
- Continued internal discussion on resilience metrics in Scenario Planning, especially regarding land use and human health.
- Completed analysis of Virginia NEVI Plan impact on the region and identified need to update EV recommendations.
- SHSP Critical Infrastructure Mapping Grant has been awarded. Acceptance paperwork is being completed and a search for a student intern to assist with the project is underway.
- Developing a preliminary outline brief for the primary pillars of resilience report.
- Continuing discussions with NASA DEVELOP to develop a Pluvial Flooding Mapping project for the Summer term., which will enhance flooding risk analyses.

- Developed a preliminary outline brief for the primary pillars of resilience report and discussed the development of webpage content.
- Continued internal discussion on resilience metrics in Scenario Planning, especially regarding land use, nutrient loading, and human health.

FY23 Third Quarter Activity:

- DOF Urban & Community Forestry Grant for Urban Cooling InVEST Model has been accepted. A search for a student intern to assist with the project is underway. Four high quality applicants have been invited to interview. A technical training on the expected methodology and the InVEST model was provided for members of the Environmental TAC.
- FEMA has placed a temporary nationwide hold on all SHSP National Priority Grants, which includes PlanRVA's Critical Infrastructure Mapping Project. Therefore, work has been placed on hold until word is received from FEMA that work can recommence.
- An intern for the Richmond Regional Cooling Capacity Analysis Process (DOF U&CG Program) began work on March 13th and is dedicating ~10hrs/wk to the project. This month was dedicated to onboarding the intern and familiarizing them with the project, work plan, and necessary background information.
- On January 25th-26th, Homeward piloted the use of ESRI tools provided through partnership with PlanRVA during their semi-annual PIT Count to assess homelessness. The pilot project was a success and an MOU has been drafted to formalize ongoing cooperation between the two organization. PlanRVA now has access to a growing body of data around homelessness that will bolster our vulnerability assessments, transportation planning, and scenario planning efforts.
- Determined that pursuing SolSmart Regional Designation would be beneficial to the resilience of the region and will leverage additional resources and technical assistance for localities to streamline and reduce the cost of solar investments. A Commitment Letter has been drafted and is awaiting signature by the Executive Director.
- Developed a preliminary outline brief for the primary pillars of resilience report and discussed the development of webpage content.
- Continued internal discussion on resilience metrics in Scenario Planning, especially regarding land use, nutrient loading, and human health.
- Staff contributed to meetings with partner organizations and provided input on resilience projects and metrics, including participating in the PREP RAFT process, the Coastal Resilience Master Plan. Staff also worked with locality partners to assess grant opportunities.
- Continuing discussions with NASA DEVELOP to develop a Pluvial Flooding Mapping project for the summer term, which will enhance flooding risk analyses.
- Continued to participate in support regional and local resiliency efforts, including the DCR Coastal Resiliency TAC and the Richmond Connects EV Subcommittee.
- Received notification of presumptive funding for the Richmond MSA under the EPA Climate Pollution Reduction Grant. Staff assessed the opportunity and grant requirements and decided that PlanRVA will be the lead agency for the MSA and our Resilience Planner will lead that effort. Staff began strategizing on how to fulfill the requirements of the grant and began reaching out to our jurisdictions, local

tribes, and neighboring PDCs with localities within the Richmond MSA to invite their participation.

FY23 Fourth Quarter Activity:

- An intern for the Richmond Regional Cooling Capacity Analysis Process (DOF U&CG Program) began work on March 13th and is dedicating ~20hrs/wk to the project. This month, the intern researched methodology and helped define certain parameters for the evaluation and choose control areas for the heat analysis.
- The intern conducted a literature review, identified reference areas for analysis, identified data needs, and began collecting data. PlanRVA extended his internship to continue analysis.
- FEMA obligated funds for the SHSP grant that supports our Critical Infrastructure Mapping project. PlanRVA is beginning work soon.
- Determined that pursuing SolSmart Regional Designation would be beneficial to the resilience of the region and will leverage additional resources and technical assistance for localities to streamline and reduce the cost of solar investments. A Commitment Letter was submitted in May.
- The PlanRVA FY24 Work Plan was approved and included pursual of SolSmart Regional Designation. An update meeting with SolSmart representatives is scheduled for July.
- PlanRVA has created a new Solar landing page and published a letter of commitment to the SolSmart program, which is the first pre-requisite for Bronze level designation. The next prerequisite will involve expanding that landing page to include consumer resources and information on existing solar ordinances and permitting requirements in each locality.
- Continued internal discussion on resilience metrics in Scenario Planning and provided feedback on model methodology.
- Submitted a Letter of Intent to Participate as the lead agency in the EPA's Climate Pollution Reduction Grant Program. We held a webinar and many individual calls with MSA localities and Tribes regarding this opportunity and were able to submit with our NOIP 12 letters of support from jurisdictions and cooperating PDCs.
- Submitted an application to the EPA's Climate Pollution Reduction Grant Program. The grant supplies \$1 Million over three years for the creation of a Climate Action Plan that includes an all-sector GHG inventory, reduction targets, and quantified GHG reduction measures for the Richmond MSA.
- EPA replied to PlanRVA's CPRG application with several comments and requests for minor changes. Those changes have been made and we await the official reward letter next month. Intergovernmental Agency Review on the application is still ongoing. In response to comments from EPA, we reviewed our Title VI documentation and policies and confirmed they are fully in compliance with EPA requirements.
- Continued to participate in support regional and local resiliency efforts, including the Greater Continuum of Care Resilience Workgroup, the Richmond City Federal Convening group, and the DCR Coastal Resiliency TAC.

- Work has begun on a solar suitability GIS analysis that will support locality land use planning and solar siting for large scale solar projects. The methodology will be presented to the Environmental TAC next month for feedback.

Performance Based Transportation Planning

7410	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Perf. Based Transp. Planning.	85,000	964	17,678	21%	25

FY23 First Quarter Activity:

Federal Performance Measures:

- Attended a training by StreetLight InSight. The training covered ways to use InSight to measure congestion.
- Attended the RITIS User Group Web Meeting. Topics included:
 - The use of RITIS for Safety Purposes - (Georgia DOT)
 - PDA-Suite Performance Measures (UMD CATT Lab)
 - RITIS Product Enhancement (UMD CATT Lab)
- Attended the NPMRDS Quarterly Technical Assistance Webinar. Topics covered included an introduction to the team, explained roles and responsibilities, discussion on how the data is created, delivered, and acceptable use terms and conditions. There was also a presentation on road network conflation and how it will occur moving forward.
- Attended the Advancing Transportation Management and Decision-Making webinar presented by the FHWA Resource Center TAFA Team (TPM, Asset Management, Freight and Analytics). The webinar reviewed key federal Transportation Performance Management (TPM) concepts and requirements, benefits of TPM, and its role in supporting enhanced decision-making.

FY23 Second Quarter Activity:

Federal Performance Measures:

- Attended the FHWA NPMRDS Users Quarterly Webinar. Webinar topics included updates from FHWA, combined measure of NHS travel time reliability: structure and applications in Minnesota, validation overview and report, and the expansion of the NPMRDS to cover more road segments.
- Reviewed information and data on the PM3 - Infrastructure Condition and System Performance measures released by VDOT. Analyzed the data at the regional level.
- Attended the OIPI-VDOT-DRPT-MPO Quarterly Coordination Meeting. Reviewed PM 2 and PM 3 data. Prepared submission letters agreeing to VDOT's targets.

FY23 Third Quarter Activity:

Federal Performance Measures:

- Compiled and reviewed data relating to the federal performance measures for safety, system performance and system reliability. Prepared submission letters to OIPI and VDOT agreeing to program projects which will support the targets set by VDOT.

- Compiled and reviewed data relating to the federal performance measures for transit asset management (TAM). Prepared submission letter to DRPT agreeing to program projects which will support the Tier 2 targets set by DRPT.

FY23 Fourth Quarter Activity:

- Traveled to and attended VDOT Quarterly meeting on June 22.

Transportation Improvement Program (TIP)

7420	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
TIP	362,000	33,026	203,458	56%	26

FY23 First Quarter Activity:

FY24 – FY27 TIP Development:

- Developed draft website for public review of TIP projects
- Attended an initial project review meeting with VDOT Richmond District and Central Office staff for the FY24 – FY27 TIP; follow-up scheduled for August
- Reviewed draft project list and prepared draft TIP development schedule
- Finalized draft project lists with VDOT, GRTC
- Drafted several sections of TIP document including grouped projects, introduction, and amendment process

Funding Applications

- Coordinated with localities, GRTC, and state partners for regional Smart Scale application screening
- Continued coordination with DRPT, Hanover County, Town of Ashland and CSX to prepare Vaughan Road Overpass for submission for FRA's Railroad Crossing Elimination Grant
 - including conformity and self-certification processes
- Coordinated with GRTC to develop transit project list for FY24 – FY27 TIP; draft list expected in August

FY21 – FY24 TIP Maintenance:

- [Approved 11 Adjustments](#)
 - Adjustment 91 – 100 – 10 GRTC projects
 - Adjustment 101 - VDOT project grouping (Maintenance: Traffic and Safety Operations)
- Held public review for seven (7) proposed TIP amendments for GRTC projects (September 15 – September 30). Policy Board approval expected in October.
- TIP Amendments and Adjustments
- [Approved 3 amendments](#) at July Policy Board meeting (7/7/22)
 - UPC 118148
 - UPC CHS0004
 - UPC HCS0002
- [Approved 1 administrative adjustment](#)
 - UPC 15958 (approved 7/13/22)
- STBG Allocations & Transfers

- Transferred \$614,546 from Richmond Marine Terminal (RMT) Gate Improvement & New Drop-Off Lot (UPC 113832) to three new child UPCs for procurement purposes
 - UPC 122141 – \$338,316
 - UPC 122142 – \$113,347
 - UPC 122143 – \$162,883

Funding Applications

- Coordinated with localities, GRTC, and state partners to prepare 10 regional applications for Smart Scale Round 5
- Reviewed and endorsed 62 locality and transit agency applications for Smart Scale Round 5
- Facilitated and endorsed 4 additional regional applications by PlanRVA for Smart Scale Round 5
- Worked with DRPT and Town of Ashland to prepare Vaughan Road Overpass for submission for FRA's Railroad Crossing Elimination Grant

Regional Funding

- CMAQ Allocations & Transfers
 - Transfer of \$41,238 in Fiscal Year 2016 CMAQ from UPC 104881 to UPC 70719 completed on 9/28/2022
- Held existing project application period for RSTP/CMAQ from September 19 to September 30
 - \$14,066,815 requested for nine (9) existing RSTP projects
 - \$500,000 requested for one (1) existing CMAQ project
 - One (1) RSTP project schedule change submitted

Funding Applications

- Coordinated with localities, GRTC, and state partners for regional Smart Scale application screening and validation
- Continued coordination with DRPT, Hanover County, Town of Ashland and CSX to prepare Vaughan Road Overpass for submission for FRA's Railroad Crossing Elimination Grant. Project to be submitted for October deadline.

FY23 Second Quarter Activity:

FY21 – FY24 TIP Maintenance:

- Submitted seven (7) TIP amendments for GRTC projects approved at the 10/6/22 Policy Board meeting. [Amendment notes here.](#)
- Approved three (3) TIP adjustments on 10/6/22. [Adjustment notes here.](#)
- Prepared three (3) TIP amendments for November TAC review and recommendation:
 - UPC 13551: #SMART18 - RTE 360 WIDENING (Hanover County)
 - UPC 111467: #SMART18 - SB RT 288 TO WB US 360 WB OFF-RAMP, US360 PNRLOT (Chesterfield County)
 - UPC 101246: ROUTE 681 - BRIDGE REPAIR (SCOUR) OVER APPOMATTOX RIVER (Powhatan County)
- Prepared two (2) TIP amendments for expedited TAC review and approval at November policy board meeting:

- UPC T27491: I-64 GAP IMPROVEMENTS - SEGMENT A (Exit 205 – Exit 214)
- UPC T24493: I-64 GAP IMPROVEMENTS - SEGMENT B (Exit 214 – Exit 227)
- Submitted two (2) TIP amendments for VDOT projects approved at the 11/3/22 Policy Board meeting. [Amendment notes here](#).
- Prepared three (3) TIP amendments for December Policy Board review:
 - UPC 13551: #SMART18 - RTE 360 WIDENING (Hanover County)
 - UPC 111467: #SMART18 - SB RT 288 TO WB US 360 WB OFF-RAMP, US360 PNRLOT (Chesterfield County)
 - UPC 101246: ROUTE 681 - BRIDGE REPAIR (SCOUR) OVER APPOMATTOX RIVER (Powhatan County)
- Prepared two (2) TIP amendments for December TAC review and recommendation:
 - UPC 122295: #I95CIP - Parallel routes operations study (District-wide)
 - UPC 121681: Replace bridge on Meadow Road over Boar Swamp (Henrico County)
- Submitted three (3) TIP amendments for VDOT projects approved at the 12/1/22 Policy Board meeting. [Amendment notes here](#).
- Prepared two (2) TIP amendments for January Policy Board action:
 - UPC 122295: #I95CIP - Parallel routes operations study (District-wide)
 - UPC 121681: Replace bridge on Meadow Road over Boar Swamp (Henrico County)
- Prepared two (2) TIP amendments for January TAC review and recommendation:
 - UPC 121682 – I-64/ASHLAND ROAD INTERCHANGE IAR
 - GRTC005: Bus Stop Amenities (GRTC Service Area)

Regional Funding

- CMAQ Allocations & Transfers
 - Transfer of \$2,930 in Fiscal Year 2017 CMAQ from UPC 105889 to UPC 70719 completed on 10/28/2022
- Reviewed existing project requests with TAC; new project window authorized
- Held new project application period for RSTP/CMAQ from October 17 to November 4; project presentations and evaluation to start next month
- RSTP Allocations & Transfers
 - Transfer completed on 11/17 to advance funding for the I-64/Ashland Rd IAR from FY24 using previous funds to allow work to begin this fiscal year
- Held review meetings and presentations with projects sponsors for 25 new project applications
- Began project evaluation and scoring, coordination of estimate reviews with VDOT
- Completed GIS-based project evaluation for new project applications; travel demand modeling to be completed in January
- Existing projects reviewed, scheduled for January TAC meeting
- At Policy Board request, reviewed history of all active projects in STBG/CMAQ programs to identify change in estimate by phase over time and TPO funding increases. Item scheduled for TPO discussion at January meeting.

Funding Applications

- Continued coordination with localities, GRTC, and state partners for regional Smart Scale application screening and validation

- Submitted Vaughan Road Overpass for FRA's Railroad Crossing Elimination Grant.

FY23 Third Quarter Activity:

FY21 – FY24 TIP Maintenance:

- Submitted two (2) TIP amendments for VDOT projects approved at the 1/5/23 Policy Board meeting. [Amendment notes here.](#)
- Processed two TIP adjustments to group previously ungrouped projects. [Adjustment notes here.](#)
- Submitted two (2) TIP amendment for VDOT projects approved at the 2/2/23 Policy Board meeting. [Amendment notes here.](#)
- Prepared one (1) TIP amendment for February TAC review and recommendation:
 - UPC 122805: I-64 GAP IMPROVEMENTS – SEGMENT A
- Prepared two(2) TIP amendments for February Policy Board action:
 - UPC 121682 – I-64/ASHLAND ROAD INTERCHANGE IAR
 - GRTC005: Bus Stop Amenities (GRTC Service Area)
- Prepared one (1) TIP amendment for March Policy Board action:
 - UPC 122805: I-64 GAP IMPROVEMENTS – SEGMENT A
- Coordinated with VDOT regarding illustrative project list to support discretionary grant applications; update to take place this spring.
- Submitted one (1) TIP amendment for a VDOT project approved at the 3/2/23 Policy Board meeting. [Amendment notes here.](#)
- Coordinated with VDOT regarding illustrative project list to support discretionary grant applications; concept prepared for April TAC presentation.
- Prepared three (3) TIP amendments for April TAC review:
 - Maintenance: Preventive Maintenance and System Preservation
 - Maintenance: Preventive Maintenance for Bridges
 - Maintenance: Traffic and Safety Operations

FY24 – FY27 TIP Development:

- Reviewed project information provided 1/12 for correction; revised version 1/25
- Developed draft conformity project list for TAC review in February in coordination with Tri-Cities MPO
- Drafted additional sections of the TIP document.
- Prepared TIP website with new project information
- Coordination with VDOT on non-federal projects for inclusion in draft TIP
- TAC reviewed conformity project list; approval by TPO expected in March
- Finished draft website and TIP document.
- Coordination with VDOT on three (3) non-federal projects for draft TIP
- Draft conformity project list approved by TPO.
- Opened public review for draft TIP and conformity assessment.
- Prepared and ran advertisements for review period and open house in Times Dispatch and Free Press

Regional Funding

- Completed travel demand modeling for new project evaluation.
- Completed scoring for new project applications.

- Existing projects reviewed and recommendations for additional funding provided by the TAC.
- Draft allocation plans in development; pushed back to late April special TAC meeting to include Carbon Reduction Program (CRP) funding.
- Completed one transfer:
- \$418,249 in FY05, FY09, FY22 RSTP from UPC 70721 to UPC 104890
- TAC continued discussion of cost overruns and estimating practices; topic continued to March to allow additional time for review.
- TAC initiated analysis and detailed explanations of historic overruns; prepare for policy review discussion in February.
- Completed three closeout transfers:
 - \$14,685 in FY09 CMAQ from UPC 77071 to UPC 70719
 - \$115,165 in FY07 RSTP from UPC 19001 to UPC 70721
 - \$150,037 in FY20 CMAQ from UPC 81667 to UPC 70719

Funding Applications

- Reviewed staff recommended funding scenario for Smart Scale Round 5
- Developed leveraging evaluation and model for future project applications.
- Prepared ROI assessment for TPO and CVTA leveraged funds.

FY23 Fourth Quarter Activity:

FY21 – FY24 TIP Maintenance:

- Finalized one (1) TIP adjustment to reflect earmarked funds on a GRTC projects. [Adjustment note here.](#)
- Prepared one (1) TIP amendment for May TAC review:
 - UPC 122147: #SMART24 #ITTF23 - 288 NB HARD SHOULDER RUNNING (HSR)
- Prepared three (3) TIP amendments for May policy board review:
 - Maintenance: Preventive Maintenance and System Preservation
 - Maintenance: Preventive Maintenance for Bridges
 - Maintenance: Traffic and Safety Operations
- Reviewed one (1) TIP amendment at May TAC:
 - UPC 122147: #SMART24 #ITTF23 - 288 NB HARD SHOULDER RUNNING (HSR)
- Approved [four \(4\) TIP amendments](#) at May policy board:
 - Maintenance: Preventive Maintenance and System Preservation
 - Maintenance: Preventive Maintenance for Bridges
 - Maintenance: Traffic and Safety Operations
 - UPC 122147: #SMART24 #ITTF23 - 288 NB HARD SHOULDER RUNNING (HSR) - contingent on completion of public review (5/30)
- Reviewed three (3) TIP amendments at June TAC:
 - UPC 111716: #SMART18 - Richmond-Henrico Turnpike – South Segment (Henrico County)
 - COR0001: Main Street Station Improvements (City of Richmond)
 - COR0002: North-South Bus Rapid Transit Line (City of Richmond)
- Conducted public review for 3 TIP amendments (June 15 – June 30)
- Prepared 3 TIP amendments for Policy Board July meeting
- Processed one (1) TIP adjustment:
 - UPC 111467: SB Rt 288, WB 360, WB off Ramp, 360 ParkN Ride lot (Chesterfield County)

FY24 – FY27 TIP Development:

- Concluded public review period – no adverse comment requiring revisions or response
- Prepared draft TIP for May 9 TAC
- Prepared draft Regional Conformity Assessment for May 9 TAC
- Prepared MPO self-certification analysis and resolution for May 9 TAC
- TAC recommendation of TIP, Regional Conformity Assessment, MPO self-certification analysis and resolution at May 9 meeting
- Policy Board adopted TIP, Regional Conformity Assessment, MPO self-certification analysis and resolution at May 18 meeting
- Submitted conformity approval to VDOT Environmental on May 23
- Submitted completed TIP packet to VDOT and DRPT on May 30

Regional Funding

- Draft allocation and transfer plans developed; TAC to review at May 9 meeting due to policy board schedule change
- Completed one transfer:
 - Transfer of \$243,550 in Fiscal Year 2021 RSTP from UPC 118143 to UPC 86357 completed on 4/18/2023 to consolidate UPCs
- TAC recommendation of TIP, Regional Conformity Assessment, MPO self-certification analysis and resolution at May 9 meeting
- Policy Board adopted TIP, Regional Conformity Assessment, MPO self-certification analysis and resolution at May 18 meeting
- Submitted conformity approval to VDOT Environmental on May 23
- Submitted completed TIP packet to VDOT and DRPT on May 30
- TAC reviewed at May 9 meeting and recommended approval
- RRTPO approved allocations and transfers including 2 new CMAQ and 5 new STBG projects
- Policy Board approved new cost estimating policy requiring Cost Estimate Workbook (CEWB) for all projects leading to construction. Projects that do not use CEWB in application will not be eligible for additional TPO funding beyond original estimate.
- Updated [Regional Funding Framework](#) to include new cost estimating policy requiring Cost Estimate Workbook (CEWB) for all projects leading to construction. Projects that do not use CEWB in application will not be eligible for additional TPO funding beyond original estimate.
- Researched Carbon Reduction Program (CRP) policies of peer agencies nationally to develop recommendation for program implementation
- Improved Smart Scale leveraging assessment tool to predict success and needed leverage for future rounds based on historic raw measure scores, max raw measure score by round, prior round thresholds, cost estimates, and available leverage

Rail, Freight, Intermodal Planning

7430	BUDGET	Billed this quarter	Total Funds Expended	% Total Funds Expended	UPWP Page
Rail, Freight, Interim. Planning.	54,000	185	7,948	15%	27

FY23 First Quarter Activity:Staples Mill Road Station Small Area Plan (VDOT, DRPT, FHWA, Henrico County, City of Richmond, GRTC and RRTPO)

- Staff continued to serve on the steering committee for this project in its current phase

RRTPO Freight Planning Program

- Continued work to finalize RRTPO Freight report which will be presented to the TAC in early fall.

FY23 Second Quarter Activity:

- Implemented community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA
- Published newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in planning meeting and outreach discussion for the development and use of the Richmond region Market Value Analysis.
- Participated in planning meeting and outreach discussion for the transportation forum.
- Developed outreach and marketing materials for the Trolley Line Oral History project.
- Provide staff opportunity for lunch and learn “Mamba Mentality” about our country’s history and how to better move forward with equitable systems and programs.
- Participated in planning meeting and outreach discussion regarding Flying Squirrels and Richmond Kickers sponsorships.
- Participated in GRTC public engagement process for North-South and Western BRT surveys.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.

FY23 Third Quarter Activity:

- No work done in this quarter.

FY23 Fourth Quarter Activity:

RRTPO Freight Planning Program

- Reviewed the scope of work for the RRTPO Freight Planning Program for the next fiscal year (FY-24).
- Attended TRB's Urban Freight Committee meeting.

RRTPO POLICY BOARD AGENDA 09/07/23; ITEM B.-1.

Rural Public Transportation Needs Identification

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Direct the TAC to review the regional public transportation system and rural locality concerns about current plans and services.

BACKGROUND: When it was created in 2020, a part of the Central Virginia Transportation Authority's codified mission was to direct 15% of all revenues collected to GRTC Transit System to address regional public transportation. GRTC has been working to identify ways to support rural localities that do not have fixed-route service. In 2021-2022, GRTC worked with the region's localities and agency partners to identify locations in the region where on-demand micro-transit would be feasible and beneficial, and to identify where, when, and how it should operate. The study involved active public engagement with a public survey, interviews and meetings with jurisdictions, providers and other stakeholders. The study relied on a broad review of demographic, market and travel patterns and provided an overview of the literature offering best practice reviews and peer agency interviews.

The micro-transit study process and preliminary results were reviewed and input on proposed pilot zones were conducted by the TPO Public Transportation Work Group at their August and September 2022 meetings. The Policy Board was briefed in detail on the study process and recommendations for short term pilot area projects for the first year at the November 3, 2022 Policy Board meeting. The CVTA Board has also been briefed on the microtransit study at its Dec 8, 2022, meeting.

Subsequent updates for the microtransit study to the TPO board recommended the first 3 pilot areas: Washington Park, Sandston-Elko and North Chesterfield that would be GRTC-operated using COVID relief funds. Phase 2 of the study is focused on refining the recommended pilot zones and developing an implementation plan for FY24.

Continued consultation with the rural localities indicates that there is a desire for further coordination to provide a more comprehensive approach to understanding public transportation needs in the outlying areas of the region beyond microtransit services.

REQUESTED ACTION: motion to direct the TAC to review rural locality public transportation needs and make recommendations for further action.

POLICY AGENDA 09/07/23; ITEM B-2.

Carbon Reduction Program (CRP) Guidelines

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and approve the proposed guidance for incorporating the Carbon Reduction Program (CRP) into the Regional Funding Framework.

BACKGROUND: The Bipartisan Infrastructure Law (BIL), also known as the Infrastructure Investment and Jobs Act (IIJA), established a new funding program dedicated to projects which reduce on-road emissions of carbon dioxide (CO₂) known as the Carbon Reduction Program (CRP). The eligible project types are similar to the existing Congestion Mitigation and Air Quality (CMAQ) program, but eligible sponsors include the entire MPO area, not just the former 8-hour Ozone Maintenance Area. This means that Goochland, New Kent, and Powhatan are eligible for the new program.

As part of the CRP program, VDOT is required to develop a statewide Carbon Reduction Strategy in consultation with the MPOs. The strategy, when finalized, will include an inventory of current emission and sources, and identify projects and strategies eligible for CRP funding. MPO project selections are expected to be consistent with the statewide strategy.

Based on the most recently adopted Six-Year Improvement Program, the RRTPO share of the CRP funding is expected to average around \$2.3M per year. The table below shows the projected funding for the next six years.

	FY24	FY25	FY26	FY27	FY28	FY29
CRP - Federal	1,762,585	1,797,837	1,833,794	1,870,470	1,907,879	1,946,037
CRP - Soft Match	440,646	449,459	458,448	467,617	476,970	486,509
Total	2,203,231	2,247,296	2,292,242	2,338,087	2,384,849	2,432,546

RECOMMENDED POLICY: Staff recommend incorporating the CRP funding into the Regional Funding Framework using the same approach as CMAQ funds. All candidate projects will be evaluated using the same scoring methodology regardless of whether the project will receive STBG, CMAQ, or CRP funds. For improvements that are potentially eligible for CRP funds, the project will also need to demonstrate a reduction of Carbon Dioxide (CO₂) emissions. This reduction will be calculated using either the [CMAQ Emissions Calculator Toolkit](#) and/or the GHG mobile emission modeling being refined as part of the RRTPO's scenario planning pilot, [Pathways to](#)

[the Future](#), as appropriate based on the project type. This approach ensures consistent project prioritization with ConnectRVA 2045, the long-range transportation plan, while still ensuring the primary CRP goals are being met.

To simplify the addition or renaming of any programs in the future, staff are also recommending using “Flexible Regional Funding” throughout the document to refer to the funding process for STBG, CMAQ, and CRP funds. This approach accommodates the addition or removal of programs in the future and reduces the updates required for any program name changes.

TAC RECOMMENDATION: TAC reviewed the proposed changes at the August meeting and unanimously recommends approval as proposed.

REQUESTED ACTION: the following resolution is presented for consideration:

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) adopts the updates to the Regional Funding Framework to include the Carbon Reduction Program (CRP) as presented.

Attachment

- A. Draft Regional Funding Framework (key excerpts)

Overview

The Richmond Regional Transportation Planning Organization (RRTPO) administers four regional transportation funding programs:

- Congestion Mitigation and Air Quality (CMAQ) program
- Carbon Reduction Program (CRP)
- Surface Transportation Block Grant (STBG) program
- Transportation Alternatives (TA) Set-Aside program

These federally funded transportation programs are designed to empower communities to cooperatively determine the future of transportation in a region. Although the federal funds are provided to and administered by the State, the project selection and allocation decisions of how to expend the funds are performed by locally elected officials coming together as a regional council known as a metropolitan planning organization or transportation planning organization.

Each year, the member localities and regional transportation partners engage in a competitive process where projects are submitted for funds from these programs. Together, the RRTPO members assess the merit and regional value of each before determining final allocations.

Congestion Mitigation and Air Quality (CMAQ)

The Congestion Mitigation and Air Quality program provides federal funding for transportation projects and programs that help improve air quality and reduce traffic congestion. The program was established by the Intermodal Surface Transportation Efficiency Act of 1991 and continues to fund projects located in areas that don't currently – or previously didn't – meet the National Ambient Air Quality Standards (NAAQS) for ozone, carbon monoxide, or particulate matter.

Portions of the Richmond region were previously nonattainment areas, but now the region's air quality complies with the NAAQS. Through the RRTPO's Ozone Advance agreement with the Virginia Department of Environmental Quality (DEQ) the RRTPO continues to qualify for CMAQ funds. The federal government provides CMAQ funds to the Commonwealth of Virginia, which voluntarily sub-allocates a portion for projects and programs selected by regional metropolitan planning organizations. Find out more information about the Congestion Mitigation and Air Quality program from [the FHWA fact sheet here](#).

Carbon Reduction Program (CRP)

The Carbon Reduction Program provides federal funding for transportation projects and programs that reduce emissions of carbon dioxide (CO₂) from on-road highway sources. This program was established as part of the Infrastructure Investment and Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law (BIL). Regional CRP

funds are sub-allocated to metropolitan planning organizations within the State. Find out more information about the Carbon Reduction Program from [the FHWA fact sheet here](#).

Surface Transportation Block Grant (STBG)

The Surface Transportation Block Grant program provides states and regions with flexible federal funding that may be used for a wide variety of roadway and transit projects. Regional STBG funds are automatically sub-allocated to regional planning organizations within the State. The wide variety of STBG investments in the Richmond Region support passenger and freight movement along the region's surface transportation systems. The funds can be used to preserve and improve the conditions and performance on highways, bridges, tunnels, pedestrian facilities, bicycle infrastructure, and transit capital projects. Find out more information about the Surface Transportation Block Grant program from [the FHWA fact sheet here](#).

Transportation Alternatives (TA) Set-Aside

The Transportation Alternatives Set-Aside provides funding for non-motorized transportation, including pedestrian facilities, bicycle facilities, recreational trails, safe routes to school, and infrastructure projects for improving non-driver access to public transportation.

TA Set-Aside is an allocation set-aside within the Surface Transportation Block Grant funding allocation. This is no longer an independent program as it has been in the past. Starting Fiscal Year 2018, Virginia's TA Set-Aside application cycle has moved to a biannual cycle. Find out more information about the Transportation Alternatives program from [the FHWA fact sheet here](#)

Project Selection Process

The process for obtaining regional funding for transportation projects is competitive as regional needs surpass the available funding. To ensure a fair and transparent process, the RRTPO has adopted a four-step project selection process. A general description of each step is included below. A calendar of the project selection process will be published each cycle with the call for projects.

Project Submissions

Flexible Regional Funding

The flexible regional funding program covers CMAQ, CRP, and STBG funding. In the month before the application window, staff will present the project selection schedule to the RRTPO Technical Advisory Committee (TAC) as well as any changes to the application process from the previous year. Applicants are expected to prioritize the applications they submit. Beginning in 2021, there will be a limit on the number of applications for new projects allowed per sponsor, as shown in the table below:

Table 1: Application Limit by Sponsor Type

Sponsor	Total Applications
Large Locality (population \geq 100,000)	10
Small Locality (population $<$ 100,000)	3
Non-locality Member Agency	3

A call for projects, including a calendar for the selection process and a guide to required supplemental data for applications, will be posted to the RRTPO website. The RRTPO will provide an electronic application on the RRTPO website, and all applications must be submitted using this application. All applications and supplemental materials are due by the application deadline. All applications for projects which lead to construction must provide an estimate using the latest Virginia Department of Transportation (VDOT) [Cost Estimate Workbook \(CEWB\)](#). Applications which do not include the required CEWB will still be scored but will not be eligible for additional funding for any cost overruns (see the “Cost Overruns” section for more information).

TA Set-Aside

The TA Set-Aside application process is administered by VDOT via the Smart Portal. The RRTPO still has a role in the application process as all projects within the TPO planning area are required to have a resolution of endorsement from the TPO. All project sponsors must submit a project description (including termini), total cost estimate, and request amount to the TPO at least 2.5 months ahead of the submission deadline.

TPO staff will provide a reminder to TAC before the deadline and indicate the preferred method of submission. All requests are provided to TAC for recommendation and the policy board for approval prior to the submission deadline.

Project Screening

Flexible Regional Funding

Preliminary Screening

All projects requesting flexible regional funding will be screened to ensure that the project is eligible for funding and ready to proceed. Project screening will include:

- Eligibility under federal regulations
- Consistency with the Long-Range Transportation Plan (see Appendix I for more details)
 - If the project is regional, the project must be included in the constrained long-range plan
 - If the project is local, the project must be consistent with LRTP goals
- Project scope is well-defined
- Project schedule is defined and has been reviewed by VDOT Richmond District if leading to construction (**NOTE:** VDOT *concurrence* with the proposed schedule is required if VDOT will administer the project; concurrence is not required if project is intended to be locally administered.)
- Project cost is reasonable and has been reviewed by VDOT Richmond District if leading to construction (**NOTE:** VDOT *concurrence* with the proposed estimate is required if VDOT will administer the project; concurrence is not required if project is intended to be locally administered.)
- Submission includes all required supplemental data

Project Presentations

In addition to the project screening, project sponsors will have the opportunity to present their new project applications to the scoring team consisting of RRTPO staff as designated by the Director of Transportation. The project sponsor will have 10 minutes to present the project followed by questions from the scoring team. This presentation is the opportunity to explain the project in more detail and clarify any questions from the scoring team which may impact the scoring. Presentations are scheduled during the application period.

TA Set-Aside

Screening for TA Set-Aside projects is completed by VDOT's Local Assistance Division consistent with their adopted guidelines.

Project Scoring and Prioritization

Flexible Regional Funding

All projects are scored using a data-driven process first adopted as part of the ConnectRVA 2045 plan. This regional scoring methodology is described in more detail in the follow sections. All flexible regional funding applications are scored using the same methodology. Projects awarded CMAQ and CRP funds must additionally be able to demonstrate a reduction in emissions of ozone precursors (VOC and NOx) and carbon dioxide (CO₂) emissions, respectively.

TA Set-Aside

All TA Set-Aside projects undergo two rounds of scoring. First, VDOT evaluates the projects using a statewide scoring process. The TPO then evaluate the projects for equity impacts and consistency with the regional bicycle and pedestrian plan. The scoring process is described in more detail in following sections.

Project Selection

Projects are prioritized and programmed based on the project scores. For CMAQ/CRP/STBG funds, a draft program is produced to show years of allocations prior to adoption.

Flexible Regional Funding

Staff will provide the scored flexible regional funding projects to TAC along with a draft allocations table. The draft program will follow the allocation process described later in these guidelines with projects generally prioritized based on their score. TAC will review the recommended new selections and provide a recommendation to the policy board.

After TAC has made a recommendation, a public comment page with a story map showing all projects and the recommended selections will be provided on the RRTPO website. This comment page will remain open for a period consistent with the Public Engagement Plan. All comments will be provided to the policy board before they take a final vote on the project selections and allocations.

TA Set-Aside

Staff will provide the scored TA Set-Aside projects to TAC ranked in order of score. Considering the CTB member selections (if available), staff will recommend projects for funding in rank order until there is insufficient funding available to fully fund the next project. TAC will review the recommended selections and make a recommendation to the policy board.

After TAC has made a recommendation, a public comment page with a story map showing all projects and the recommended selections will be provided on the RRTPO website. This comment page will remain open for period consistent with the Public Engagement Plan. All comments will be provided to the policy board before they take a final vote on the project selection.

Carbon Reduction Program

What projects are eligible for CRP funding?

The Carbon Reduction Program is dedicated to reducing the contribution to climate change of surface transportation by reducing carbon dioxide emissions. Projects or programs submitted for CRP funding must be located in [the TPO planning area](#).

To be eligible for CRP funding, the primary criteria is that a project must reduce emissions of carbon dioxide (CO₂). Projects are also expected to be consistent with the Commonwealth's Carbon Reduction Strategy when adopted. In general, new capacity projects are not eligible for CRP funding. New projects are only eligible to receive funding for future project phases which have not started. For more information about project eligibility, [see 23 USC 175\(c\)](#) for the full list of eligible project types and restrictions.

What jurisdictions or agencies are eligible for CRP funding?

All RRTPO member jurisdictions and agencies, as defined in [the RRTPO bylaws](#), are eligible to apply for CRP funding. This includes non-voting members. As noted above, the projects must be located within the TPO planning area.

How are CRP projects scored and prioritized?

Scoring follows the regional prioritization methodology first developed for the ConnectRVA 2045 long-range transportation plan. This methodology is described in more detail in the Surface Transportation Block Grant Program section below. In addition to the general scoring methodology, all CRP projects must demonstrate positive reduction in CO₂ emissions.

Projects that do not demonstrate a reduction in carbon dioxide emissions will be eliminated from consideration for CRP funding, regardless of the overall score.

POLICY BOARD AGENDA 09/07/23; ITEM B-3.

Transportation Alternatives (TA) Project Endorsements

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review the list of candidate projects and approve a resolution of endorsement for the applications.

BACKGROUND: The Transportation Alternatives (TA) Set-Aside program provides capital grant assistance for projects defined as “transportation alternatives” in federal code. The RRTPO TA allocations are directed towards on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving bike and pedestrian access to public transportation, trails that serve a transportation purpose, and Safe Routes to School projects.

The TA application process is administered by VDOT through the Smart Portal. The deadline for preapplications was June 30, 2023. For the final application, each project within the RRTPO study area must include a resolution of endorsement from the RRTPO. For more information on the application process and requirements, see the VDOT Local Assistance Division web page.

To ensure the resolution of endorsement is approved before the October 2 application deadline, RRTPO staff requested that all project sponsors submit the proposed project information by July 21, 2023.

PROJECTS SUBMITTED: Projects were submitted by Chesterfield, Hanover, Henrico, and Goochland counties and the City of Richmond for endorsement. In total, 20 projects were submitted as pre-applications. To ensure flexibility for localities during the final prioritization process, staff have included all the pre-applications in the resolution of endorsement.

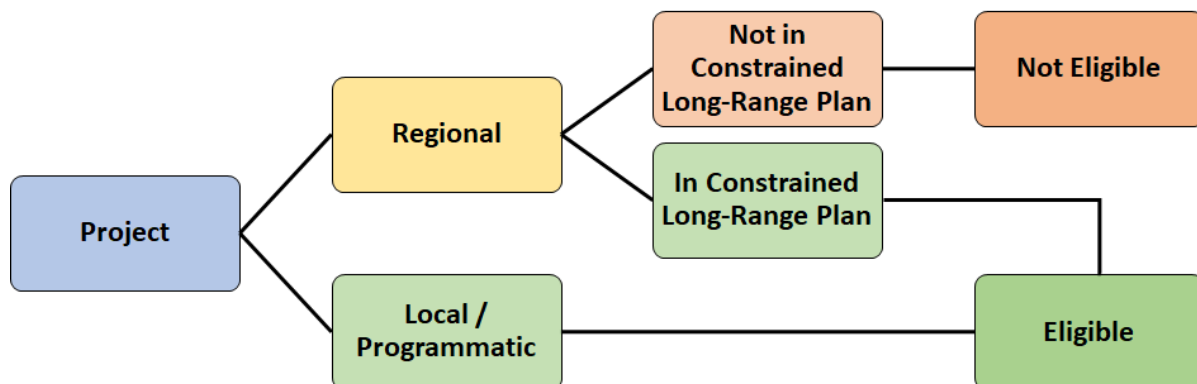


Figure 1: ConnectRVA 2045 Consistency Review

Attachment A includes a summary of each project. Staff reviewed each project for consistency with ConnectRVA 2045, the long-range transportation plan, and BikePedRVA 2045. The results of this analysis and any staff comments on endorsements are included in the table. As a reminder, projects are required to be consistent with ConnectRVA 2045 for endorsement. The general review workflow can be seen in the image above.

TAC RECOMMENDATION: TAC reviewed the candidate projects at the August meeting and unanimously recommended endorsement of the projects as presented in the resolution.

REQUESTED ACTION: The following resolution is presented for consideration:

WHEREAS the Transportation Alternatives (TA) Set-Aside Guidance requires all applications located within the boundaries of a Metropolitan Planning Organization to obtain a resolution of endorsement from the appropriate MPO; and

WHEREAS Chesterfield, Hanover and Henrico counties and the City of Richmond have indicated their intent to submit FY25 – FY26 Transportation Alternatives applications for the following projects:

Chesterfield County

- Forest Hill (Choctaw - Anwell) Sidewalk
- Beach Rd/Rt 10 Pedestrian Crossing
- Sturbridge Dr/Rt 60 Pedestrian Crossing
- Genito/Hull Street Pedestrian Crossing
- RT 1/Bermuda/Breckenridge Ped Crossing

Hanover County

- Rt 301/Hanover Courthouse Sidewalk

Henrico County

- Messer Road Trail Connector
- Nuckols Trail, Phase 2

Goochland County

- Courthouse Village Sidewalk

City of Richmond

- Richmond City Safe Routes to School
- J Cary Street Sidewalk Improvement
- A Patterson Avenue Bike Lanes
- I Maymont Area Sidewalk Phase III

- D Carnation Street Sidewalks Phase II
- B US Route 1 Pedestrian Hybrid Beacons
- C Downtown Core Protected Bike Lanes
- E Gillies Creek Greenway Phase IV
- F Scott's Addition Greenway
- H Forest Hill Ave Crossing Improvements
- K Patterson at Libbie Streetscape

NOW, THEREFORE, BE IT RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board endorses these projects as applications for the FY25 – FY26 Transportation Set-Aside process.

Attachment

- A. ConnectRVA 2045 and BikePedRVA 2045 Consistency Review

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
Beach Rd/Rt 10 Pedestrian Crossing	This proposed project adds a third signalized pedestrian crossing (south leg) with ADA compliant access ramps at the intersection of Ironbridge Road and Beach Road. Approximately 180' of sidewalk will be constructed on the south side of Ironbridge Road, extending west from the new pedestrian crossing, and tie into the existing sidewalk that provides connections to the various commercial destinations along Commons Plaza and Commons Square.	Chesterfield County	Local or Programmatic		Not Shown
Forest Hill (Choctaw - Anwell) Sidewalk	This proposed project would start at the two GRTC bus stops at Anwell Drive where a pedestrian crossing and two bus stop landing pads (in coordination with the GRTC) will be installed. A concrete sidewalk will continue northwest along the south side of Forest Hill Avenue. At the corner of the Bon Air Baptist Church property, at the Wyndham Drive intersection, the sidewalk would transition to an asphalt sidewalk. The proposed sidewalk will weave around the established landscaping and large trees, behind the concrete drainage ditch, connecting up to the existing sidewalk at Choctaw Road.	Chesterfield County	Local or Programmatic		Local Network
Genito/Hull Street Pedestrian Crossing	This proposed project aims to increase pedestrian safety across the intersection, with the installation of three signalized pedestrian crossings (east, south, and west legs) and ADA compliant accessibility ramps. The crossings will provide connectivity to the commercial destinations in all four quadrants of the Hull Street Road and Genito Road intersection. Future phases will be pursued to extend the pedestrian network.	Chesterfield County	Local or Programmatic		Not Shown

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
RT 1/Bermuda/Breckenridge Ped Crossing	This proposed project will construct three signalized crossings (east, south, and west legs) to allow pedestrians to safely access the Breckenridge Shopping Center to the west of Route 1, and Bermuda Square commercial outlet to the east. The crossing will also connect two GRTC bus stops (northbound and southbound) along the Route 1 corridor, to both commercial destinations.	Chesterfield County	Local or Programmatic		Not Shown
Sturbridge Dr/Rt 60 Pedestrian Crossing	This project consists of constructing three signalized pedestrian crossings (north, south and west legs) and ADA compliant accessibility ramps, to allow residents at Aston Ridge and Sturbridge Village a safer path to cross Route 60. This project will serve as the first phase to construct sidewalk from the intersection at Sturbridge Drive, to the Pocono Crossing outlet, the Pocono Green Shopping Center, and to the established commercial corridor along Route 60. Future phases will be pursued to extend the pedestrian network.	Chesterfield County	Local or Programmatic		Not Shown
Courthouse Village Sidewalk	Installation of approximately 2,500 LF of sidewalk to connect an existing subdivision to Goochland Cares and create connectivity in the Courthouse Village as described in the Comprehensive Plan. Sidewalk will be along existing Route 6 in the Goochland Courthouse Village."	Goochland County	Local or Programmatic		Not Shown
Rt 301/Hanover Courthouse Sidewalk	Construct pedestrian improvements in the Rt. 301 corridor near the Hanover Courthouse complex to include additional sidewalk, consolidation of existing crosswalks to provide a single crosswalk with a RRFB between the Historic Courthouse and Hanover Tavern, and extend sidewalk along Library Dr.	Hanover County	Local or Programmatic		Not Shown

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
Messer Road Trail Connector	The Messer Road Trail Connector is a proposed 12-foot-wide asphalt Shared Use Path along Messer Road to connect Varina High School to the Virginia Capital Trail at New Market Road (Route 5). The approximate length is 0.4-miles. The proposed alignment begins at the intersection of New Market Road and Messer Road and follows along the southeast side of Messer Road until terminating at the existing sidewalk in front of Varina High School.	Henrico County	Local or Programmatic		Local Network
Nuckols Trail, Phase 2	The Nuckols Trail, Phase 2 project includes approximately 3,900-ft of 12-foot-wide paved, multi-use trail connecting Broad Meadows /Ashburg Drive to Francistown Road. This project will utilize existing Henrico County right-of-way that was once intended for a roadway extension. This trail will tie into existing sidewalk on Francistown Road. Approximately 2,100-ft will be off-road accommodations and 1,800-ft on-road accommodations. The on-road portions of the trail along existing segments of Nuckols Road will utilize a road diet to reduce the total amount of impervious area and provide approximately 28-ft of green space between the trail and the roadway. The project will also include approximately 50-ft of 16-ft wide bridge and 275-ft of boardwalk spanning the Meredith Branch tributary and surrounding floodplain area.	Henrico County	Regional	FAT-28	Local Network
A Patterson Avenue Bike Lanes	This project will extend the recently completed parking-protected bike lanes on Patterson Avenue from Commonwealth Avenue to Willow Lawn Drive. The project will extend the existing lanes approximately one mile, connecting to Willow Lawn Drive which in turn accesses the westernmost GRTC Pulse BRT station. This project will more than double the existing protected bike lanes on Patterson Avenue.	Richmond City	Local or Programmatic		Local Network

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
B US Route 1 Pedestrian Hybrid Beacons	This project provides for the installation of two pedestrian hybrid beacons (PHB) on US Route 1 at 2 different locations (Dinwiddie Avenue, and Westminster Avenue). This will provide a place for people of all ages and abilities to safely cross the street. The scope will include installation of the PHBs signals, high visibility crosswalk, and wheelchair ramps.	Richmond City	Local or Programmatic		Not Shown
C Downtown Core Protected Bike Lanes	This project constructs significant infrastructure upgrades to the City's Downtown Protected Bike Lanes, adding more robust and permanent physical barriers to the separated two-way "cycletrack" bike lanes on 1st Street, 2nd Street, 3rd Street, Franklin Street, and Byrd Street. These facilities were constructed via a "quick-build" approach utilizing pavement markings and flexible delineators to create protected bike lanes in the core of downtown Richmond. This project is part of a proposed braided downtown network to the Fall Line Trail, and this project will serve to upgrade the bike lanes to reflect the physically separated design envisioned in VDOT's study for the Fall Line Trail as it passes through Richmond's central business district by adding permanent concrete buffers in place of many of the existing flex-posts, enhancing intersection, alley, and driveway designs to reduce bike/vehicle conflicts, and to reduce the potential for vehicle encroachments into the bike lanes.	Richmond City	Local or Programmatic		Local Network

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
D Carnation Street Sidewalks Phase II	This project will construct a new 5-ft wide sidewalk for approximately 0.2 miles along eastbound Carnation Street from Hioaks Road to Warwick Road - a street lacking sidewalks today. Providing this segment of sidewalks along Carnation Street will provide for a continuous 0.7-mile ADA-accessible pedestrian path along Carnation Street from Hioaks Road to Midlothian Turnpike along a GRTC bus route with multiple transit stops. This new sidewalk will provide a safe and viable pedestrian route for an underserved population to needed commercial and health services. Carnation Street has many high density apartment dwellings along the project corridor and connecting sidewalks. This project fills in a sidewalk gap on Carnation Street to create a continuous pedestrian path from Midlothian Turnpike to Jahnke Road.	Richmond City	Local or Programmatic		Not Shown
E Gillies Creek Greenway Phase IV	Phase IV of the Greenway will construction shared-use path along Jennie Scher Road from the intersection of Stony Run Road to E. Richmond Road, adding about 0.45 miles of dedicated bike and pedestrian infrastructure to the existing greenway (currently in advertisement for construction). The project will include a dedicate bridge structure over the Gillies Creek spillway which is currently traversed by a two-lane roadway bridge on Jennie Scher Road. The northern terminus of this phase of the Greenway will extend it to within 600' of the Oakwood neighborhood and the nearby single-family and multi-family housing. The northern terminus of this phase of the Greenway provide improved multi-modal access to Oakwood Cemetery, as well as the historic East End Cemetery and Evergreen Cemetery, burial place of Maggie Walker.	Richmond City	Local or Programmatic		Spur Network

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
F Scott's Addition Greenway	This project will extend a shared use path / greenway with sidewalk along Patton Avenue from Mactavish Avenue to Roseneath Road. In the existing condition, the Scotts Addition neighborhood is high density area with mixed transit oriented development uses but lacks pedestrian and bike infrastructure and has a limited number of exits from the neighborhood with heavy traffic volumes. The Scotts Addition Greenway will ultimately provide a safe pedestrian and bike connection with the Scotts Addition neighborhood to transit stations, museums, and neighboring areas. Additionally, extending this network will build a more complete grid system in the Scotts Addition neighborhood.	Richmond City	Local or Programmatic		Local Network
H Forest Hill Ave Crossing Improvements	This project reduces crossing distances along this urban arterial for people that walk and role utilizing traffic calming measures on Forest Hill Avenue at Taylor Avenue, 48th Street, and Westover Hills Boulevard. The intersection treatments will resolve vehicle conflicts and minimize exposure to people that walk . This project is supported by by the James River Park System Master Plan which recognizes the importance of providing safe bicycle and pedestrian access along, and across Forest Hill Avenue as the park system is proximate to this arterial, and Forest Hill Park fronts this roadway. The project will also be complemented by the extension of the bike lanes to the west as part of upcoming maintenance projects in the coming year, as well as construction of the Westover Hills Blvd separated bike lanes just to the west which have been designed and is anticipated to go to construction within a year.	Richmond City	Local or Programmatic		Not Shown

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
I Maymont Area Sidewalk Phase III	Construct new sidewalks on three streets within the Maymont neighborhood: Dakota Avenue from South Meadow Street to Texas Avenue; Nevada Avenue from Hampton Street to Greenville Avenue; New York Avenue from Hampton Street to Texas Avenue. This is the third and final phase of this Maymont area neighborhood to complete the construction of new sidewalks in this much needed neighborhood to improve the neighborhood	Richmond City	Local or Programmatic		Not Shown
J Cary Street Sidewalk Improvement	This project will install dedicated pedestrian infrastructure along Cary Street at the intersection of Three Chopt Road where existing pedestrian infrastructure is lacking. New sidewalk and islands are proposed on the south side of the intersection to provide a safe connection from the adjacent neighborhoods to St. Catherine's School immediately north of the intersection, and to provide a safe refuge for pedestrians to cross Cary Street. A section of sidewalk is also proposed on St. Catherine's Lane to complete the safe pedestrian-specific link across the intersection. These improvements are a part of Richmond's Vision Zero Action Plan to improve pedestrian safety on high injury's designated streets, which include Cary Street.	Richmond City	Local or Programmatic		Not Shown

Project Title	Description	Sponsor	ConnectRVA 2045 Classification	CLRP ID (if regional)	BikePedRVA 2045 Classification
K Patterson at Libbie Streetscape	This corridor has heavy vehicle traffic in combination with high pedestrian activity with many restaurants and shops. This project will provide pedestrian safety improvements along Patterson Avenue from Maple Avenue to Libbie Avenue. Pedestrian safety improvements include ADA curb ramps, reconstructed sidewalk, and consolidating and narrowing private entrances to minimize pedestrian-vehicle conflicts. This project also includes the drainage improvements, site furniture, and the addition of landscaping to introduce greenery and a buffer between vehicles and pedestrians. These improvements will create a safer corridor for pedestrians and drivers and elevate the character of the area.	Richmond City	Local or Programmatic		Not Shown
Richmond City Safe Routes to School	The proposed grant is for FY25 & 26 and will fund the salary, equipment, and promotional items for the Richmond City SRTS program for two school years. The SRTS program has served RPS since 2015 and currently reaches 10 elementary schools with a total school population of 3,581. We envision an SRTS program where we have engaged parents, teachers, students, & partners working together to promote safe, active transport to & from schools.	Richmond City	Local or Programmatic		Not Shown

POLICY BOARD AGENDA 09/07/22; ITEM B-4.

TAP Project - Bon Air Pedestrian Improvements (UPC 113439) - Additional Funding Request

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and approve the proposed funding transfer of FY24 Carbon Reduction Program (CRP) reserve funds to the Bon Air Pedestrian Improvements (UPC 113439) project.

PROJECT BACKGROUND: This is a Transportation Alternatives (TA) project first awarded funding in FY19. The project involves construction of the following improvements: signing and marking a neighborhood byway via Western Road, Lancraft Lane, and Bullington Road; constructing a trail at the Bon Air Library between Bullington Road and Rattlesnake Road; constructing a sidewalk on Pulliam Street between Rattlesnake Road and Polk Street and on Polk Street from Pulliam Street to McRae Road; and constructing an off-road trail from Bon Air Elementary School to McRae Road at Kenwin Road (a modification of the original alignment to Quaker Lane, requested during public involvement). This project has increased significantly in cost from \$1,180,000 when selected to \$2,380,000 currently per the request.

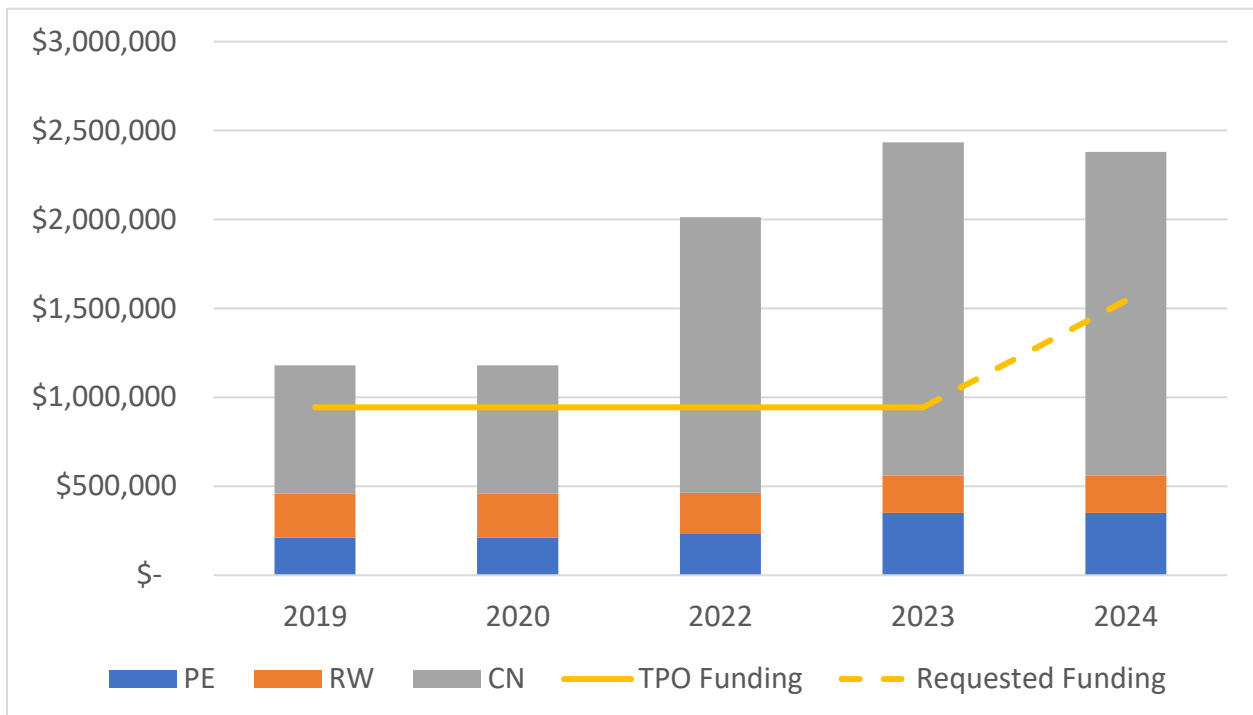


Figure 1: Project Cost Estimates and TPO Allocated Funding

POLICY FRAMEWORK: The Regional Funding Framework has a [section on cost overruns](#) that covers RRTPO policy. This section includes several policies which apply to this request:

1. "All other active projects are initially eligible to request additional funding to cover cost overruns but may become ineligible as described in the "Funding Swaps" and "Project Development and Reporting" sections."

As a TA project, progress reporting is handled through VDOT. This project has met all requirements to maintain eligibility.

2. "...requests outside the normal application window are only accepted for the construction phase where construction costs are over budget."

This project was first awarded funding in Fiscal Year 2019. The project has progressed through engineering and is ready to start construction later this summer. The county plans to advertise the project for construction bids on August 4, 2023, and receive bids on September 6, 2023. This off-cycle request supports the cost increases for the construction phase.

3. "In general, cost overruns should be addressed through other funding sources available to the locality."

Chesterfield County has committed to covering the deficit to advance this project but is seeking additional TPO support given the impact of national inflationary environment. The TAC recommendation is an even 50-50 split of the increased cost.

Overall, staff believe this request generally meets the intent of the Regional Funding Framework policies around eligibility for additional funding and timing of the request.

FEASIBILITY ANALYSIS: Staff reviewed the request against available funding in the regional balance entry and other available funding programs for feasibility. While TA funding appears to be unavailable, funding from other TPO allocated programs could be used to support the project. Staff review suggests that using Carbon Reduction Program (CRP) funds would have no impact on those overall funding programs as the current fiscal year (FY24) funding remains unallocated and can be moved to address TPO priorities. Combining funding sources is consistent with the financial planning approach in ConnectRVA 2045 and provides greater flexibility for the RRTPO to meet regional project needs.

TAC RECOMMENDATION: TAC reviewed this request at the August meeting and recommends transferring \$600,000 in FY24 CRP funds to support the project with Chesterfield County providing an additional \$600,000 to cover the increase.

REQUESTED ACTION: The following resolution is presented for consideration:

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board approves the transfer of \$600,000 in FY24 Carbon Reduction Program (CRP) funds from the CRP Balance Entry (UPC T27907) to the Bon Air Pedestrian Improvements (UPC 113439) project.

POLICY BOARD AGENDA 09/07/23; ITEM B-5.

CMAQ Project - Route 1 - Intersection Improvements at Hopkins Rd & Harwood St (UPC 15955) Additional Funding Request

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Approve the requested additional funding transfer to the Rte 1 - Intersection Improvements at Hopkins Rd & Harwood St (UPC 15955) project.

PROJECT BACKGROUND: This project is a legacy project located in the City of Richmond and administered by the Virginia Department of Transportation (VDOT). Originally a major widening, the project was rescoped in 2018 to more limited intersection improvements, reducing the estimate significantly. Given trends in inflation, the project has seen recent increases which exceed available funding. VDOT, on behalf and with the concurrence of the City of Richmond, is requesting **\$1,587,314 in additional CMAQ** funding to cover the deficit and advance the project.

This project was initially scheduled to advertise for construction bids January 2023; however, it was impacted by the trend of increased construction costs being experiencing statewide. The resulting estimate at that time reflected a \$1.7M deficit and the project has yet to move forward to advertising due to a lack of funding to cover the deficit. The project scope cannot be further reduced to adjust to inflation. The project can move forward to advertising as soon as the funding deficit is addressed.

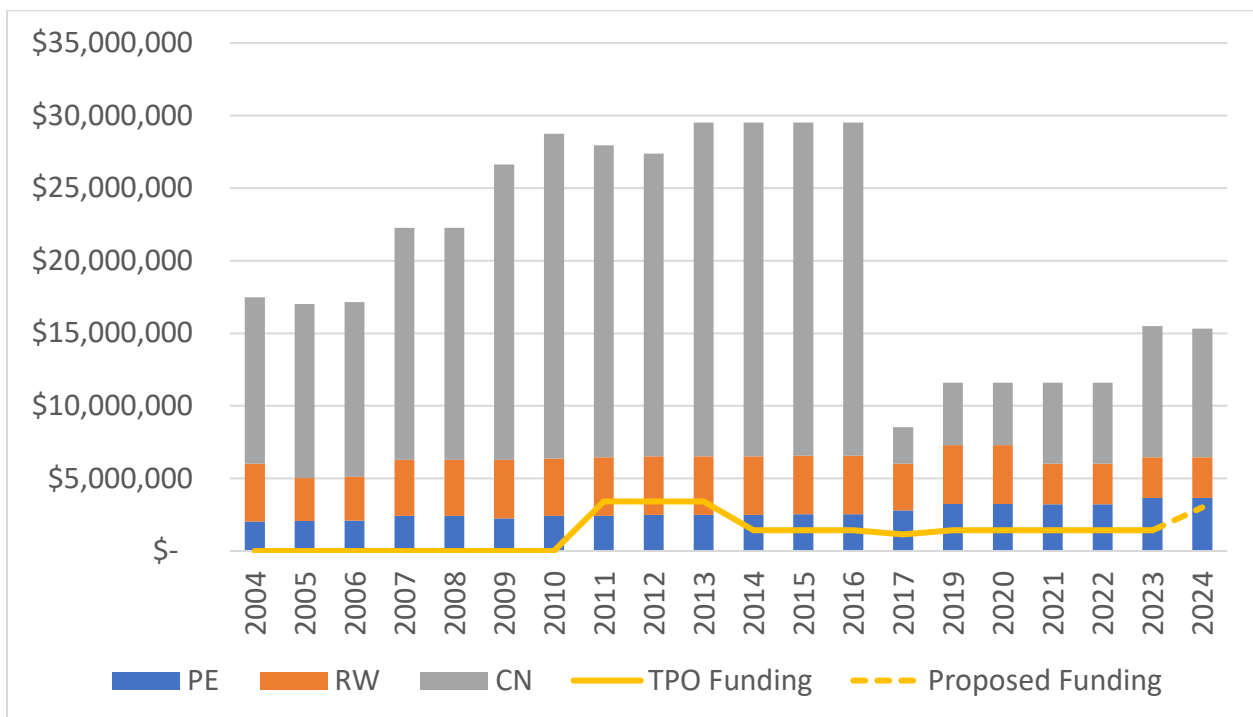


Figure 1: Project Cost Estimates and TPO Allocated Funding

POLICY FRAMEWORK: The Regional Funding Framework has a [section on cost overruns](#) that covers RRTPO policy. This section includes several policies which apply to this request:

1. "All other active projects are initially eligible to request additional funding to cover cost overruns but may become ineligible as described in the "Funding Swaps" and "Project Development and Reporting" sections."

This project was not submitted for the July 2022 progress report window as required. Staff have discussed this with VDOT and City of Richmond staff and understand there was a breakdown in communication as to who is responsible for the progress report. The January 2023 updates (as part of the cost estimating review process) and July 2023 progress report were both completed.

2. "...requests outside the normal application window are only accepted for the construction phase where construction costs are over budget."

This project was ready for construction in January, but a budget deficit was identified that prevented advertising. This deficit was driven by inflationary pressures on construction costs. With the completion of the FY24 – FY29 Six-Year Improvement Program (SYIP), VDOT has updated the cost estimate to account for recent trends in inflation and updated unit costs. The deficit is directly related to the construction phase and the project is ready to proceed to advertisement as soon as the deficit is addressed.

3. "In general, cost overruns should be addressed through other funding sources available to the locality."

This is the first request to the RRTPO for additional funding on this project since it was rescoped in 2018. Most of the project cost has been covered by city-directed funding (legacy urban formula funds). The RRTPO is requested to cover the deficit driven by inflationary impacts as the project cannot be rescoped further and the legacy formula funding programs are no longer available.

The other portion of the total deficit as reflected in the SYIP is for utility betterments, or upgrades to utilities in the project area undertaken as part of the project. VDOT and the City of Richmond are coordinating on a Utilities Betterment Agreement to finalize the City's \$2.1M contribution to cover utility betterments.

Overall, staff believe this request meets the intent of the Regional Funding Framework policies around eligibility for additional funding and timing of the request.

This project has been allocated \$1,422,259 in RRTPO-directed CMAQ funding. The request for \$1,587,314 in additional funding would bring the total RRTPO funding on the project to \$3,009,573. This is an increase of 111% and requires policy board approval.

FEASIBILITY ANALYSIS: Staff reviewed the request against available funding in the regional balance entry (UPC 70719) and other projects that have been completed or cancelled with a remaining balance. Staff have identified a donor project with sufficient balance to cover the request.

The I-64 Express Barge Service Expansion (UPC 115815) project was originally intended to allow the Port of Virginia to purchase another barge to serve the Richmond Marine Terminal via the James River, increasing use of the Marine Highway (M-64) as an alternative to trucking along I-64. During COVID, the Port was able to acquire a barge through other means, eliminating the need for the CMAQ project.

This project has a total of \$2,342,442 in previous funding. A small portion of that funding is currently being transferred to other projects, leaving \$2,110,700 available for transfer. If the Policy Board approves the additional funding as requested, using this project as a donor would have no impact on other projects in the RRTPO's program and would keep the reserves intact for any requests later in the fiscal year.

TAC RECOMMENDATION: TAC reviewed this request at the August meeting and recommends approval of the transfer as proposed.

REQUESTED ACTION: The following resolution is presented for consideration:

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) approves the transfer of \$1,587,314 in CMAQ funding from the I-64 Express Barge Service Expansion (UPC 115815) project to the Rte 1 - Intersection Improvements at Hopkins Rd & Harwood St (UPC 15955) project.

RRTPO POLICY BOARD AGENDA 09/07/23; ITEM B.-6.

Smoothed Urban Area Boundary (UAB)

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and approve the proposed Smoothed Urban Area Boundary (UAB).

BACKGROUND: The Census Bureau delineates the Census Urban Area Boundary (UZA) after each decennial census by applying specified criteria. For the 2020 Census, an urban area comprised a densely settled core of census blocks and encompassed at least 2,000 housing units or had a population of at least 5,000. The UZA boundaries can be very irregular. Irregular boundaries may cause roads to switch between rural and urban status many times along their length. Adjusting or ‘smoothing’ the boundaries creates more consistent urban/rural road segment classifications.

This process of “fixing or smoothing the UZA boundary” is a cooperative process where VDOT, MPOs and the localities work together and adjust the UZA outward. The recommended Smoothed Urban Area Boundary (UAB) is submitted to Federal Highway Administration (FHWA) for approval. The UAB is defined as an area that determines the official urban designation for a road. Once approved, it is used to declare a road “urban” within the federal Highway Performance Monitoring System (HPMS).

VDOT conducted a review following the 2020 Census and proposed areas ([online map link](#)) where the Urban Area could be "smoothed" for the Richmond UZA. Based on VDOT's email dated June 6, 2023, RRTPO staff provided a memo to update TAC members on June 20, 2023. The TAC members were asked to review the proposed UAB boundary and provide any specific recommended changes.

Based on the changes suggested by the TAC members, the VDOT proposed UAB boundary was slightly adjusted.

STAFF RECOMMENDATION: RRTPO staff concur with the proposed Smoothed Urban Area Boundary (UAB) as developed in coordination with member localities.

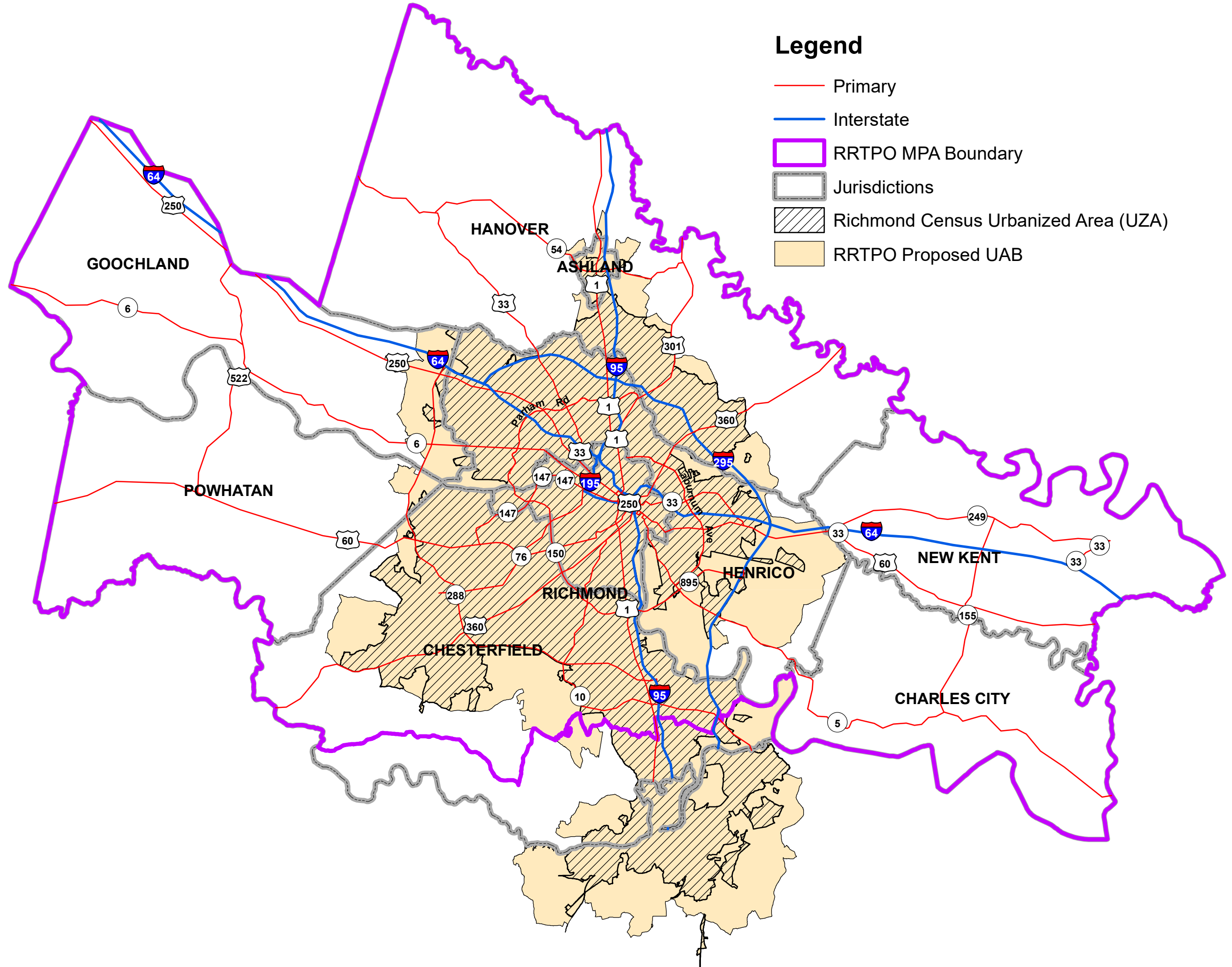
TAC RECOMMENDATION: TAC reviewed the proposed Smoothed Urban Area Boundary (UAB) at its August 8th meeting and recommends Policy Board approval.

REQUESTED ACTION: The following resolution is presented for RRTPO policy board consideration and adoption:

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) approves the proposed Smoothed Urban Area Boundary (UAB)

Attachments

1. Proposed UAB Map
2. VDOT Urban Smoothing 2020 – FAQs
3. VDOT – Urban Smoothing Overview and Summary – Presentation Slides





URBAN SMOOTHING OVERVIEW AND SUMMARY

| Charles Leaton & Ian Turner

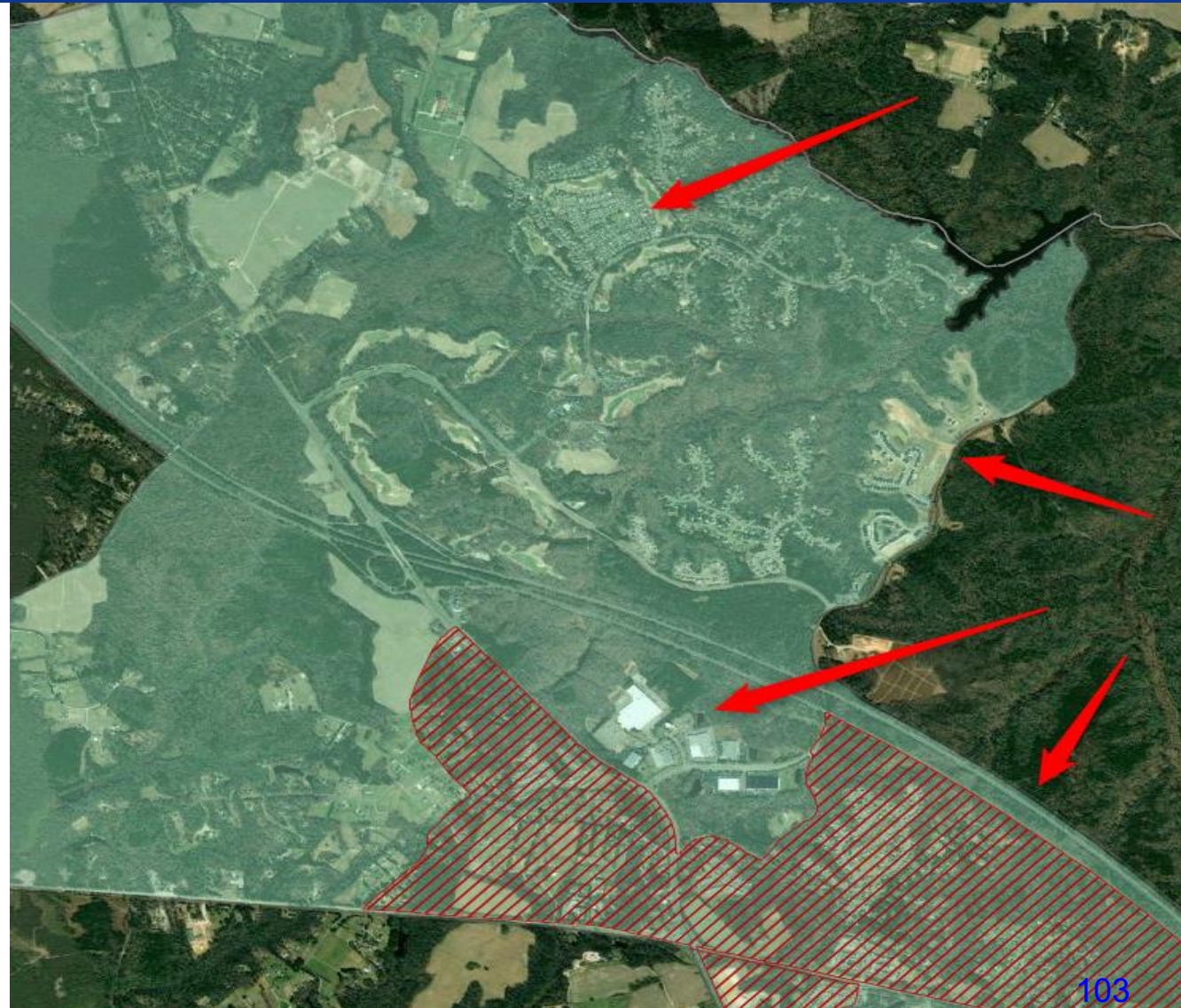
June 22, 2023

Goals

- **Discuss smoothing process**
- **Overview of the smoothed area for 2020**
- **Understand**
 - Why smoothing
 - Smoothing process
 - Smoothing implications
 - Differences between smoothed areas and Censes areas
 - Growth of urban areas

Why Smoothing

- 10-year estimation of urban growth
- Creates a better representation of the current and future urban areas in Virginia.
- New development captured
- Interstates along urban areas included
- High density population and housing units not captured by Census



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Smoothing Implications

- MPO boundary needs to encompass the smoothed urban area boundary.
 - Put in definition??
- More projects can be supported under Surface Transportation Block Grant Program (STBG)
- Clearer functional classification designation
- Highway Performance Monitoring System (HPMS) annual highway statistics reporting
- Designation of critical urban/rural freight corridors
- Road design e.g., Curb and Gutter, Interchange Access Control, etc.

Smoothed Area for 2020

- 50 Urban Area Boundaries have been adjusted
- Areas under 5,000 population not adjusted under FHWA guidelines
 1. Orange
 2. Luray
 3. Tazewell
 4. Altavista
 5. Colonial Beach
 6. Chincoteague
 7. Hagerstown, MD

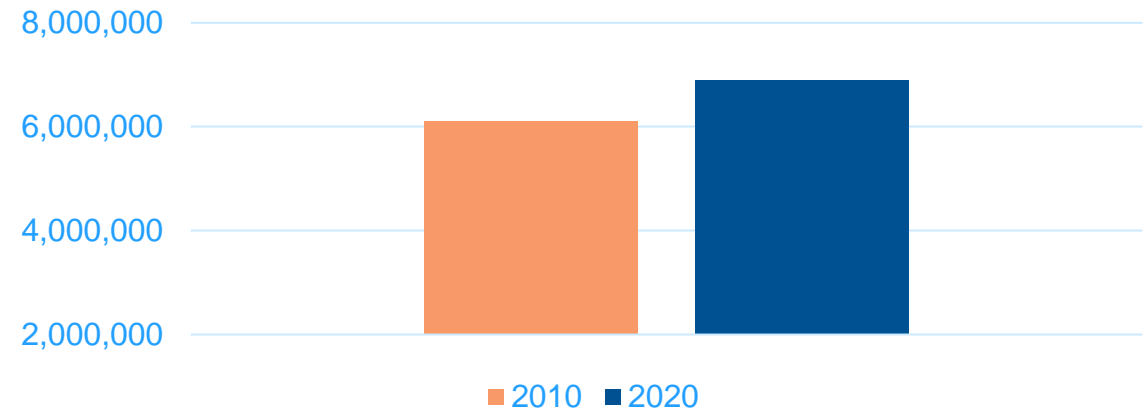
FHWA - "Per 23 U.S.C. 101(a)(35), only the boundaries of an urban area with a population of 5,000 or more can be adjusted."

Census - "An area will qualify as urban if it contains at least 2,000 housing units or has a population of at least 5,000."

Smoothing Statistics

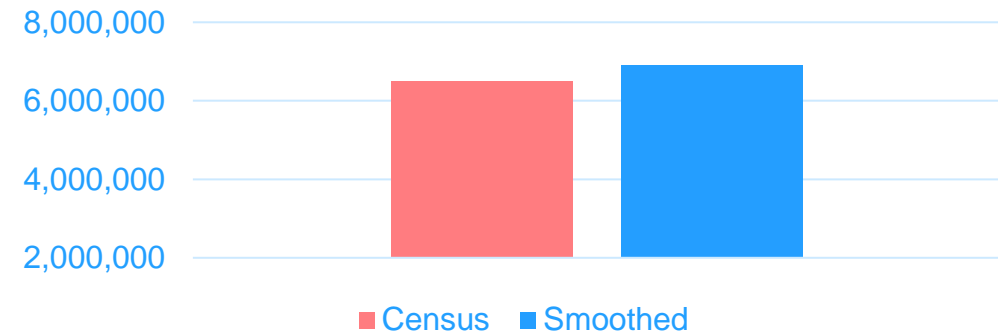
- **~13% increase in smoothed population**
- **2010 – 6.1 million**
- **2020 – 6.9 million in 2020**

2020 Smoothed Population Compared to 2010
Smoothed Population



- **~6% increase in population**
- **Census – 6.5 million**
- **Smoothed – 6.9 million**

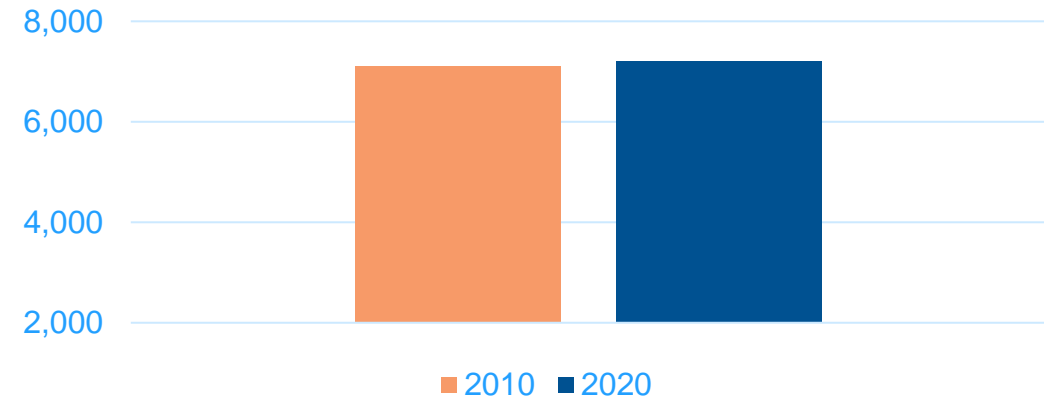
2020 Smoothed Area Population
Compared to 2020 Census Area
Population



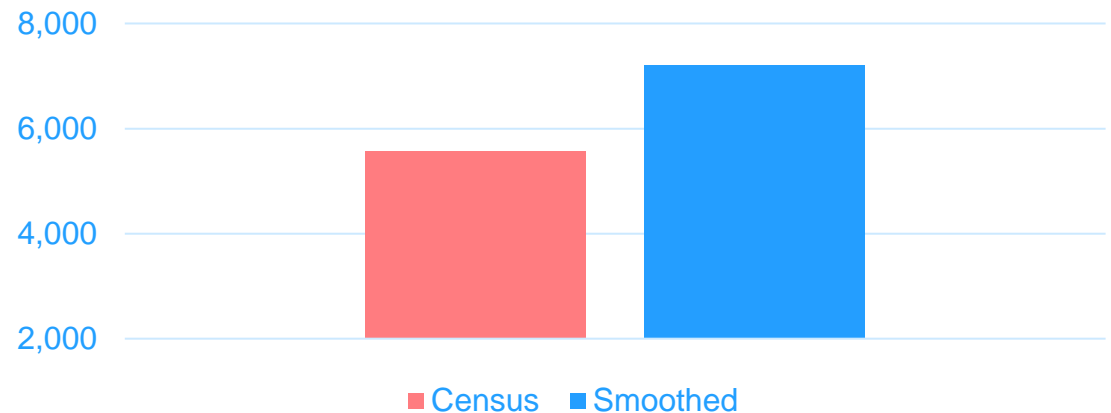
Smoothing Statistics

- ~100 additional square miles of smoothed urban area in 2020 vs smoothed 2010
- ~ 1,600 square miles of smoothed urban area added to Census designated urban areas

Smoothed Area (Sq. Miles) Compared to 2010



Smoothed Area (Sq. Miles) Added to 2020 Census Areas



- **Where can I find Urban Smoothing data?**

- <https://vdot.maps.arcgis.com/home/item.html?id=33b55f08cb6f49fcae2a018961fd5e9c>

- **Does the MPA boundary need to change?**

- Yes, it must encompass the smoothed urban area based on Federal Planning Law.

“MPA boundaries shall encompass the entire existing urbanized area (as defined by the Bureau of the Census) plus the contiguous area expected to become urbanized within a 20-year forecast period for the metropolitan transportation plan.”

- **Will we get more funding if the smoothed area is larger than the Census area?**

- No. All funding amounts will be based on Census designated urban areas.

- **What funding implications are there?**

- Federal-Aid eligibility for roadways within the smoothed urban area. Please check your specific programs to see what projects can be funded. Minor Collectors that fall within the smoothed area are eligible.

- **Any other questions?**

Contact Us

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VDOT Urban Smoothing 2020 – Frequently Asked Questions

1. Can you define “urban area”?

Urban Area (Census definition) - A statistical geographic entity consisting of a densely settled core created from census blocks and contiguous qualifying territory that together have at least 2,000 housing units or 5,000 persons. ([87 FR 16706](#))

Urban Area (FHWA definition) - Any urban place as designated by the Census Bureau having a population of 5,000 or more.

Urbanized Area (FHWA definition) - Any urban place as designated by the Census Bureau having a population of 50,000 or more.

Adjusted Urban Area (FHWA definition) - A Census-defined urban area with a population of 5,000 or more where the boundaries have been adjusted to include additional territory to reflect urban areas more accurately for planning purposes.

Adjusted Urbanized Area (FHWA definition) - A Census-defined urban area with a population of 50,000 or more where the boundaries have been adjusted to include additional territory to reflect urban areas more accurately for planning purposes.

Source:

<https://www.fhwa.dot.gov/planning/census issues/urbanized areas and mpo tma/faq/page 01.cfm>

Transportation Management Area (FHWA definition) - An urbanized area with a population over 200,000, as defined by the Census Bureau and designated by the Secretary of Transportation, or any additional area where TMA designation is requested by the Governor and the MPO and designated by the Secretary of Transportation. ([23 CFR 450.104](#))

Source:

<https://www.fhwa.dot.gov/planning/census issues/urbanized areas and mpo tma/faq/page 01.cfm>

2. If an area with a population less than 5,000 qualifies as urban because it contains at least 2,000 housing units, can States adjust the urban area boundary?

No. FHWA only considered areas with population greater than or equal to 5,000 urban. Per 23 U.S.C. 101(a)(35), only the boundaries of an urban area with a population of 5,000 or more can be adjusted.

Source:

<https://www.fhwa.dot.gov/planning/census issues/urbanized areas and mpo tma/faq/page 07.cfm>

3. If a census area was smoothed in the past and is no longer considered urban in 2020 as defined by FHWA, can we keep the old, smoothed area?

No. All areas under 5,000 population will no longer be considered urban once the new

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smoothed boundary has been approved by FHWA.

4. What rules does the smoothing process follow?

Boundaries should encompass existing development and any known developing areas. This process is not used to model future estimated growth of urban areas.

Boundaries should encompass the entire Census Bureau urban area.

Boundaries should be contiguous.

Boundaries should be simple, without major irregularities.

Boundaries are encouraged to follow municipal boundaries or other physical features when possible.

Boundaries should include areas with urban characteristics, such as airports, industrial areas, transportation terminals, major activity centers, etc.

Additional recommendations regarding the adjustment of the urban area boundaries include:

- Adjusted urban area boundaries should be defined so that confusion or ambiguity is minimized. For example, a boundary should not be drawn in the middle of a divided highway. The divided highway should be either completely in or completely out of the urban area boundary.
- In instances where a roadway defines the boundary between two urban areas, the roadway should be clearly assigned to the urban area it primarily serves. If the roadway serves each urban area equally, a business rule should be developed that assigns the roadway appropriately.
- If access-controlled roadways are used to define the adjusted urban area boundary, all ramps and interchanges should be either included or excluded unless census block geometry hinders this.

Source:

https://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/section06.cfm#Toc336873030

5. How do Smoothed Urban Areas affect functional classification?

Based on FHWA guidelines, urban areas are defined as populated places with populations of 5,000 or higher. VDOT has worked with district planners and MPOs to develop a smoothed urban area boundary for each census-defined urban area. FHWA will review and approve these adjusted boundaries. This boundary, once approved, will become the official Urban Area Boundary for purposes of functional classification.

6. About FC urban and rural: I thought the urban/rural designations were removed from the highway functional classification system. Is this true?

No. Urban/rural designations are still critical elements of highway functional classification. What you are referring to are the functional classification data codes used in the new Highway

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Performance Monitoring System (HPMS) which have been normalized so that they only have one meaning (i.e., they indicate the functional classification of the roadway). A separate "urban/rural" field in HPMS delineates between urban and rural. When these two fields are combined, urban and rural functional classifications can be derived as they were in the past. For functional classification guidance see the FHWA Functional Classification Guidebook at http://www.fhwa.dot.gov/planning/processes/statewide/related/functional_classification/.

Source: http://azmag.gov/Portals/0/Documents/TIP_2012-12-04_Smoothed-Boundaries-for-Urban-Areas-2000-and-Draft-2010.pdf?ver=2017-04-06-111845-230

7. What FHWA programs are impacted by adjustments to urban area boundaries?

The following FHWA programs distinguish between urban and rural areas and are impacted by adjustments to urban area boundaries:

- **Highway Functional Classification:** The highway functional classification system distinguishes both by type of roadway facility and whether the facility is located in an urban or rural area. A specific type of roadway facility may have different design criteria depending on whether it is in a rural or urban area, but highway design criteria are not applied strictly according to an urban versus rural boundary designation. If a roadway facility is located within an adjusted urban area boundary, it will be classified as an urban facility, if not, it will be classified as a rural facility. See FHWA's [Highway Functional Classification Concepts, Criteria and Procedures](#) for more information.
- **HPMS Reporting:** FHWA's [Highway Performance Monitoring System](#) (HPMS) requests States to report annual highway statistics by highway functional classification, including urban versus rural. When an urban area boundary has been adjusted, the State must include it in the annual HPMS submittal. See FHWA's [HPMS Field Manual](#) for more information on reporting requirements.
- **Critical Freight Corridors:** The National Highway Freight Program (NHFP) ([23 U.S.C. 167](#)) uses the urbanized area (Over 50,000) definition in [23 U.S.C. 101\(a\)\(36\)](#), which includes adjusted urbanized areas, for the designation of critical rural freight corridors (CRFCs) and critical urban freight corridors (CUFCs):
 - [23 U.S.C. 167\(e\)](#) establishes criteria for designating CRFCs for public roads not within an urbanized area, and
 - [23 U.S.C. 167\(f\)](#) establishes criteria for designated CUFCs for public roads within an urbanized area.
- **CMAQ Traffic Congestion Performance Measures:** Per [23 CFR 490.105\(d\)\(2\)](#), State DOTs and MPOs shall establish a single urbanized area target that represents the performance of the transportation network in each applicable area for the Congestion Mitigation and Air Quality Improvement (CMAQ) Program traffic congestion performance measures, as specified in [23 CFR 490.703](#). The boundaries of urbanized areas shall be identified based on the most recent Decennial Census, unless FHWA approves adjustments to the urbanized area and these adjustments are submitted to HPMS. ([23 CFR 490.103\(b\)](#))
- **Control of Outdoor Advertising:** The Outdoor Advertising Control Program ([23 U.S.C. 131](#)) uses the urban area definition in [23 U.S.C. 101\(a\)\(35\)](#), which includes adjusted

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urban areas, to specify the boundary between locations where signage can be placed beyond 660 feet and be intended to be read from the highway. See FHWA's [Outdoor Advertising Control](#) website for more information.

Source:

https://www.fhwa.dot.gov/planning/census_issues/urbanized_areas_and_mpo_tma/faq/page07.cfm

8. What is a Federal-aid highway?

All highways on the Federal-aid highway systems and all other public roads not classified as local roads or rural minor collectors.

Source: <https://www.ecfr.gov/current/title-23/chapter-I/subchapter-E/part-470>

9. Would FTA consider using these smoothed urban boundaries for the applicability of funding programs or compliance with National Transit Database reporting?

No. For FTA's purposes, 49 U.S.C. Chapter 53 does not permit smoothed boundaries to be used in lieu of the raw Census-designated boundaries to determine differences in eligibility of funding programs.

Source: <https://www.transit.dot.gov/sites/fta.dot.gov/files/2022-11/FTA-2020-Census-Frequently-Asked-Questions.pdf>

10. Does the MPA need to contain the entire adjusted urban area?

At a minimum, the MPA boundaries shall encompass the entire existing urbanized area (Over 50,000 people as defined by the Census Bureau) plus the contiguous area expected to become urbanized within a 20-year forecast period for the metropolitan transportation plan, per [23 CFR 450.312\(a\)\(1\)](#). If a separate urban area within the existing MPA in question has under 50,000 people, the MPA may not need to change to encompass that smoothed area.

Source:

https://www.fhwa.dot.gov/planning/census_issues/urbanized_areas_and_mpo_tma/faq/page07.cfm

11. When will Smoothed Urban Areas become final?

Any adjustments to urban area boundaries must be approved by the Governor(s) and FHWA Division Office(s). FHWA will consider all urban area boundaries final as of June 1, 2024 and will use the original 2020 Census boundaries for all urban areas that have not been adjusted. The 2024 HPMS data submission must conform to the approved urban area boundary as of April 15th and June 15th, 2024.

Source: <https://ctpp.transportation.org/wp-content/uploads/sites/57/2021/03/FHWA-Adjusted-Urban-Area-Boundaries-AUAB.pdf> (page 4)

12. Where can I find Urban Smoothing data?

<https://vdot.maps.arcgis.com/home/item.html?id=33b55f08cb6f49fcae2a018961fd5e9c>

CVTA AGENCY UPDATE
RRTPO Policy Board Meeting – September 7, 2023

July 14th CVTA Meeting

The Authority took action on the following items:

- Appointed Chet Parsons as Executive Director of the CVTA.
- Elected Levar M. Stoney as Chair and John H. Hodges as Vice Chair of the Authority for FY2024, to serve from July 14, 2023, to June 30, 2024.
- Adopted non-binding guidance documents to address membership matters of the CVTA Finance Committee:
- Appointed Michael Byerly and Patricia A. Paige to serve on the Finance Committee.
- Adopted the FY24 Administrative and Operating budget as presented (roll call vote).
- Approved engaging in the informal confidential rating review with Moody's Investors Service.
- Approved CVTA-Locality agreements for projects in Hanover County.
- Approved the GRTC FY24 Regional Public Transportation Plan.

July 17 and August 2nd CVTA Fall Line Trail Working Group Meeting

- Reviewed the Fall Line Trail Wayfinding Plan, including:
 - Reached consensus on Option One of the three options proposed by AB Design.
 - Reviewed a preliminary placement plan for the entire corridor
- Heard and updated from VDOT on Design Build Phases two and three

August 9th CVTA Finance Committee Meeting

The committee reviewed a fiscal strategy roadmap and heard an overview of investment strategies.

August 14th Technical Advisory Committee Meeting

Recommended Authority approval of the following

- FY23 Annual Certifications and FY23 Quarterly Reporting
- FY24 Local Allocation Plan
- VDOT-CVTA Standard Project Agreements for projects in Chesterfield, Goochland, Hanover, New Kent and the City of Richmond.
- Reviewed the draft schedule and candidate project database for the CVTA Regional Projects Cycle

Upcoming Meetings:

- September 11th CVTA Technical Advisory Committee
- September 14th CVTA Finance Committee
- September 29th CVTA
- October 4th Fall Line Trail Working Group

RRTPO POLICY BOARD AGENDA 09/07/23; ITEM D.-1.

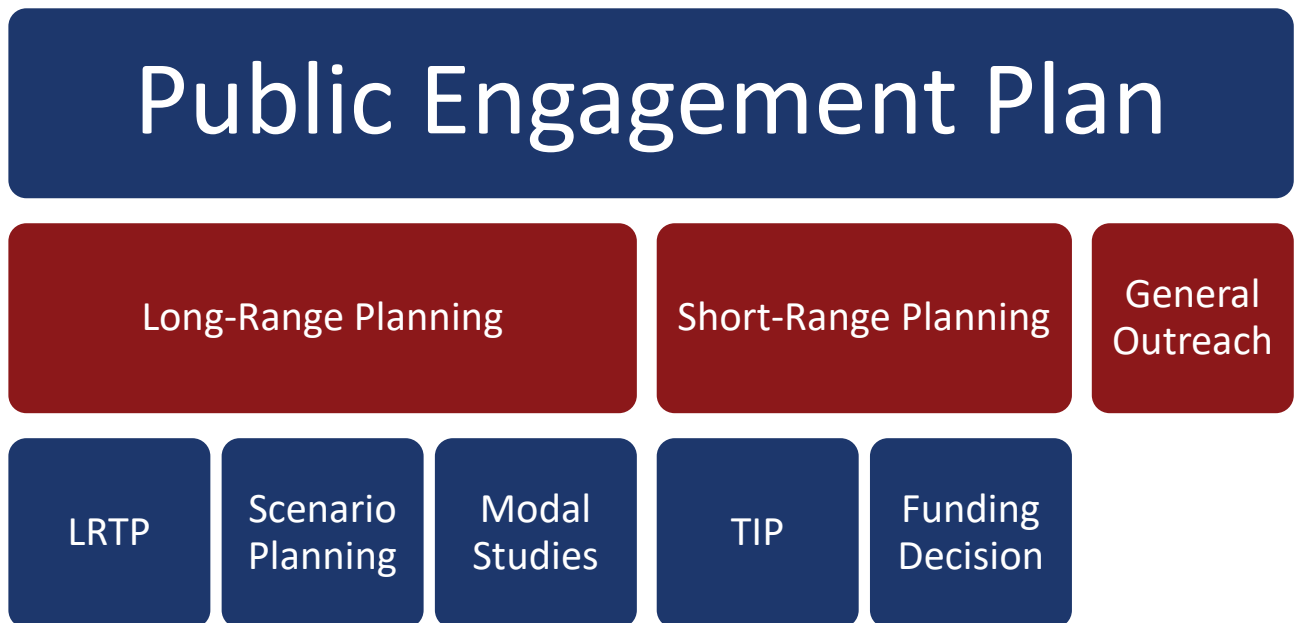
Community Transportation Advisory Committee (CTAC) Activity Follow-up

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and approve the proposed CTAC tasks/assignments.

BACKGROUND: In 2022, CTAC members requested an exploration of ways the committee could become more involved in an advisory capacity to the RRTPO. Over the course of several meetings a list of possible activities/tasks for the group were discussed and reported to the RRTPO Executive Committee and Policy Board. Policy Board members attended the June 8, 2023, CTAC meeting and discussed the committee's role and potential increased activity.

STAFF RECOMMENDATION: Staff developed a plan for to CTAC lead the development and revisions to the RRTPO's public engagement efforts:



Public Engagement Plan

Vision

CTAC leads development and revisions to the RRTPO's public engagement plan, a federally required plan that shapes all outreach efforts.

Near Term Tasks

Receive annual updates on engagement efforts and recommend changes to the Policy Board as needed (generally at the September meeting)

Long Term Tasks

Spearhead update to the [Public Engagement Plan](#) in late-2023 or 2024. The plan must be reviewed several years before each Long-Range Transportation Plan update to develop a strategy for the plan and assess our performance. PlanRVA's Community Engagement Manager will be the staff lead on the project.

Long-Range Planning

Vision

CTAC coordinates with Community Engagement Manager and project lead to develop project-specific Engagement Strategies for each major planning project and helps gather input during specified public comment period.

Near Term Tasks

- Promote Pathways to the Future: 2050 scenario planning among represented organizations and communities

Long Term Tasks

- Spearhead development of an Engagement Strategy for 2050 Long-Range Transportation Plan (spring/summer 2024)
- Lead Engagement Strategy development for any modal or constituent plans (BikePed, Transit, Freight, etc.)

Short-Range Planning

Vision

CTAC coordinates with Community Engagement Manager and project lead to develop Engagement Strategies for the Transportation Improvement Program and helps gather input during public comment periods on funding-related decisions.

Near Term Tasks

- Help increase RRTPO reach, and input gathered, by sharing comment opportunities and gathering input from represented organizations on funding decision and TIP amendments (monthly)

Long Term Tasks

- Spearhead the FY27 – FY30 TIP engagement strategy development (spring/summer 2026)

General Outreach & Engagement

Vision

CTAC coordinates with Community Engagement Manager to prioritize and develop community events for RRTPO promotional activities. CTAC members take a direct role in representing the agency along with staff at public events.

Near Term Tasks

- Help develop theme, content, and promotion strategy for the 2024 Transportation Forum
- Participate in community outreach events (Flying Squirrels, community festivals, etc.)

Long Term Tasks

- PlanRVA Day 2024 planning and CTAC member organization booths/tables

REQUESTED ACTION: motion to approve the plan and list of activities for the CTAC to lead the development and revisions to the RRTPO's public engagement plan as presented.

RRTPO POLICY BOARD AGENDA 9/7/23
FUTURE MEETING TOPICS*

Topic	Anticipated Meeting Date
Smart Scale Round 6 Updates & Project Selection	January 2024
2024 Transportation Forum	March 2024 (tentative)
STBG/CMAQ competitive grants	March 2024
FY25 – FY26 Transportation Alternatives Project Selection	March 2024
VDOT Overview of ITTF Program (RT. 288 NB HSR reference)	TBD**
Infrastructure Program Presentation - state and federal funding	TBD**

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

**Staff is working to schedule dates for upcoming presentations and will update as topics are finalized.