

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE

Tuesday, April 13, 2021

9:00 a.m.

Zoom Meeting

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

WELCOME AND INTRODUCTIONS

(Amos).....

STATEMENT REGARDING VIRTUAL MEETINGS

(Parsons) page 1

ROLL CALL & CERTIFICATION OF A QUORUM

(Amos).....

1. Consideration of Amendments to the Action Meeting Agenda

(Amos).....

2. Approval of March 9, 2021 TAC Action Meeting Minutes

(Amos)..... page 2

Action Requested

3. Approval of March 19, 2021 TAC Action Meeting Minutes – Special Meeting

(Amos)..... page 6

Action Requested

4. Open Public Comment Period

(Amos/5 minutes).....

5. TAC Chairman's Report

(Amos/10 minutes).....

6. RRTPO Update

(Parsons/10 minutes)..... page 9

a. Current Work Efforts

b. Community Transportation Advisory Committee (CTAC) Meeting Report

c. CVTA Update

7. **Draft Regional Public Transportation Plan - GRTC**
(Torres, GRTC/15 minutes).....
8. **FY21 – FY24 TIP Amendments: GRTC Request**
(Busching/5 minutes)..... page 13
Action Requested
9. **FY21 – FY24 TIP Amendments: DRPT Request**
(Busching/5 minutes)..... page 18
Action Requested
10. **FY21 – FY24 TIP Amendments: VDOT Request**
(Busching/5 minutes) page 22
Action Requested
11. **Surplus CMAQ Funds Transfer**
(Busching/5 minutes) page 25
Action Requested
12. **Transportation Agency Updates**
(VDOT, DRPT/10 minutes).....
 - a. DRPT - Dubinsky
 - b. GRTC - Torres
 - c. RideFinders – O’Keeffe
 - d. VDOT - McAdory
13. **Future Meeting Topics**
(Amos/5 minutes)..... page 27
14. **TAC Member Comments**
(Amos/5 minutes)
15. **Next Meeting: May 11, 2021**
(Amos)
16. **Adjournment**
(Amos).....

CAP/nm
Attachments

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

Opening Statement for Electronic Meetings

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

While we meet in a remote/virtual format, we remain committed to public accessibility and opportunity to participate. Staff provided notice of this meeting to members and the public on April 6, 2021 through electronic posting on the PlanRVA website and email distribution of notice to members, alternates, and known interested parties, including the media.

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

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

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

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

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

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

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

**MINUTES OF ACTION MEETING
Zoom Virtual Meeting
March 9, 2021
9:00 a.m.**

MEMBERS and ALTERNATES (A) PRESENT:

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

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

CALL TO ORDER

In the absence of the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee Chair Nora D. Amos, Vice Chair Kelli Le Duc presided and called the March 9, 2021 RRTPO Technical Advisory Committee action meeting to order at 9:04 a.m. Chair Amos joined the meeting at approximately 9:22 a.m. and conducted the meeting starting with agenda item 7.

ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM

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

1. Consideration of Amendments to the Action Meeting Agenda

Chet Parsons requested to add an agenda item to the agenda. FY22 – FY27 RSTP/CMAQ Allocations was added after agenda item 5. RRTPO Update.

On motion of Liz McAdory, seconded by Barbara K. Smith, the RRTPO Technical Advisory Committee (TAC) unanimously approved the March 9, 2021 agenda by acclamation as amended (voice vote).

2. Approval of February 9, 2021 RRTPO TAC Action Meeting Minutes

On motion of Sharon Smidler, seconded by John O'Keeffe, the RRTPO Technical Advisory Committee (TAC) unanimously approved the minutes of the February 9, 2021 meeting by acclamation as presented (voice vote).

FY22 – FY27 RSTP/CMAQ Allocations (added agenda item per amendments to the agenda))

The development of the FY22-FY27 draft Six-Year Improvement Program (SYIP) is underway. Staff received the available allocations on February 25th and is working diligently with VDOT to prepare a draft plan. RSTP and CMAQ funds allocated for FY22–FY27 have been reduced by 13%. The deadline for the draft SYIP to address all project needs is March 26th. Staff requested to schedule a special meeting this month to provide a recommendation on draft allocations plans.

The committee agreed to schedule a special RRTPO Technical Advisory Committee (TAC) meeting on March 19, 2021 at 9:00 a.m.

**A copy of the presentation provided by Myles Busching, Planner, is available at: [FY22 – FY27 RSTP/CMAQ Allocations](#)

6. TIP Modification – Public Transportation Agency Safety Plan

The Federal Transit Administration (FTA) published the Public Transportation Agency Safety Plan (PTSAP) final rule in July 2018. Transit agencies are required to adopt a safety plan with safety performance targets. The MPO is required to consider these targets in planning and is required to include it in the TIP. Tier I agencies develop their own targets; GRTC adopted their targets in July 2020. The plan must be updated and certified by the transit agency annually. In January 2021, the TIP Appendix C – Performance Based Planning was revised to include GRTC's adopted targets by reference. This was an informational item and no action was requested.

**A copy of the presentation provided by Myles Busching, Planner, is available at: [Item 6. TIP Modification – Public Transportation Agency Safety Plan](#)

7. Regional Bicycle and Pedestrian Plan Update & Complete Streets Toolbox

The purpose of this project is to update the 2004 regional plan as a central component of the ConnectRVA2045 long range transportation plan. The three main phases of this process will be:

1. Gather data on existing bike and pedestrian routes in the region.
2. Identify priority corridors based on input from the Steering Committee and general public.
3. Incorporate these corridors into a regional active transportation network that is accessible and inclusive.

Input from area residents and the Active Transportation Steering Committee has produced the guiding principles to aid in the Active Transportation Plan update process. A draft story map of existing infrastructure, bicycle facilities, sidewalks, and other map layers continue to be revised and refined. Staff continues to collect images to help illustrate the document. An inventory of regional bike routes together with an understanding of relevant planning factors can help with the design of an equitable and accessible active transportation network.

A recording of the presentation provided by Phil Riggan is available on our [Plan RVA YouTube Channel](#).

8. ConnectRVA 2045 Update – Public Engagement Milestones

PlanRVA released an invitation for *Public Review: ConnectRVA 2045-Universe of Projects* on March 8, 2021. An overview of the planning process was provided: the first step was to identify the needs, research existing conditions, and develop a local and regional needs inventory. Next, the Vision, Goals, and Objectives were developed and approved by the policy board. Planning and prioritizing projects is currently in development. Once there is a prioritized, fiscally constrained list of projects for inclusion in the plan, a final evaluation will consider environmental justice, equity, impacts of project selection and other procedural considerations. There will be a full public engagement process at the end with the idea of the plan being adopted in early October 2021.

TAC members were asked to review the draft Universe of Projects list sent out on 2-23-2021 (also available of the [ConnectRVA 2045](#) website) and provide any comments by March 15th.

9. Transportation Agency Updates

** A copy of the [Virginia Department of Rail and Public Transportation](#) update provided by Tiffany Dubinsky, Statewide Transit Planner at DRPT, is available at: [DRPT Update, March 9](#)

** Adrienne Torres, Director of Planning & Scheduling at [GRTC Transit System](#), provided the following update:

- GRTC implemented its [public engagement efforts](#) with an online survey for public input (open until 3/12/21) and an online public meeting on concept alternatives (ridership concept/coverage concept) on March 4th. After public input has been received, another core design retreat is planned for March 15th through the 17th. The next RRTPO Public Transportation Work Group meeting will take place on March 23rd. The draft plan is expected to be completed in April,

and the final Regional Public Transportation Plan is planned for completion in May 2021.

- The next [GRTC Board of Directors meeting](#) will be on March 16th, 2021 at 8:00 a.m.

** John O’Keeffe, Account Executive at [RideFinders](#), provided the following update: RideFinders continues:

- to work with their vanpool vendors and placing riders on vans;
- to work with employers for updates on a return to work;
- outreach through social media platforms to engage with the community and employers;
- to distribute transportation related surveys to their database network.

** A copy of the [Virginia Department of Transportation](#) update provided by Liz McAdory, District Planning Manager at VDOT, is available at: [VDOT Update, March 9](#)

12. Next RRTPO Technical Advisory Committee Meeting

Chair Amos noted the next special meeting will be held on Friday, March 19, 2021, beginning at 9:00 a.m., and the next regular RRTPO TAC action meeting will be held on Tuesday, April 13, 2021, also beginning at 9:00 a.m.

13. Adjournment:

Chair Amos adjourned the meeting at 10:12 a.m. on March 9, 2021.

CAP/nm

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

**MINUTES OF ACTION MEETING
Zoom
March 9, 2021 Special Meeting
9:00 a.m.**

MEMBERS and ALTERNATES (A) PRESENT:

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

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

CALL TO ORDER

The Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee Chair, Nora D. Amos, presided and called the March 19, 2021 RRTPO Technical Advisory Committee special meeting to order at 9:01 a.m.

ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM

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

1. Consideration of Amendments to the Action Meeting Agenda

There were no requested changes to the meeting agenda. Seeing and hearing no objections, the March 19, 2021 agenda was approved by acclamation as presented (voice vote).

3. FY22 – FY27 RSTP/CMAQ Draft Allocations

On motion of Barbara K. Smith, seconded by Joseph E. Vidunas, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) unanimously recommended RRTPO Policy Board approval of the following resolution (see Appendix A):

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

**A copy of the presentation provided by Myles Busching, Planner, is available at:
[Item 3. FY22 – FY27 RSTP/CMAQ Draft Allocations](#)

5. Next RRTPO Technical Advisory Committee Meeting

Chair Amos noted the next regular RRTPO TAC action meeting will be held on Tuesday, April 13, 2021, beginning at 9:00 a.m.

13. Adjournment:

Chair Amos adjourned the meeting at 9:20 a.m. on March 19, 2021.

CAP/nm

APPENDIX A

RRTPO Technical Advisory Committee (TAC) – Voting Record Tables

Item 3. Action on FY22 – FY27 RSTP/CMAQ Draft Allocations

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	x			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	x			
Goochland County	Thomas M Coleman	x			
Hanover County	Joseph E. Vidunas	x			
Henrico County	Sharon Smidler	x			
New Kent County	Kelli Le Duc	x			
Powhatan County	Bret Schardein	x			
City of Richmond	Dironna Moore Clarke	x			
Capital Region Airport Commission	John B. Rutledge				x
DRPT	Tiffany T. Dubinsky	x			
GRTC Transit System	Adrienne Torres	x			
Plan RVA	Chet Parsons	x			
RideFinders	John O'Keeffe (A)	x			
RIC Metropolitan Transp. Authority	Theresa Simmons				x
VDOT	Liz McAdory	x			
TOTAL		13			2

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

Current Work Efforts Update – Item 6.a.

ConnectRVA 2045 Long-Range Transportation Plan

Staff has been developing a master list of potential regional projects, a “Universe of Projects”, for the Richmond region based on regional and local transportation studies, additional recommendations provided by Advisory Committee (AC) members, future transportation issues identified by the Richmond/Tri-Cities Travel Demand Model and public input received through the ConnectRVA 2045 website, community engagement, and advisory committees. The draft Universe of Projects and online interactive maps are now available for public review and comment on our [website](#) through April 15, 2021. The LRTP Advisory Committee approved the Universe of Projects and authorized staff to begin the testing process to score, rank, and prioritize the Universe of Projects into a refined draft cost constrained project list. At the same time, staff has been working on developing revenue estimates for the implementation of the projects in the ConnectRVA 2045 plan based on revenue projections provided by VDOT and DRPT.

Ashland Trolley Line Trail Study

Two story maps for the project have been developed to illustrate the importance and design potential, including [history of the trolley line](#) and a [design sketchbook](#). Staff continues to work with the National Park Service and their assistance on the Trolley Line Trail. Staff continues to pursue design assistance in support of the planning. Staff is planning for an April meeting for the subcommittee, which includes officials from Hanover, Henrico, and the Town of Ashland.

Regional Bicycle and Pedestrian Plan Update

The purpose of this project is to update the 2004 regional plan as a central component of the ConnectRVA2045 long range transportation plan. Staff is planning for an eighth steering committee meeting on March 30 to continue revisions of the interactive GIS story map data collected for the plan as well as refining the list of projects. Staff continues to write sections of the plan and collect images to help illustrate the document.

Ashland Complete Streets Pilot Project

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

Active Transportation Work Group (ATWG)

Staff held the first ATWG meeting in February with a presentation by Henrico County staff on bicycle and pedestrian safety and updates on multiple ongoing regional projects, including the regional bicycle and pedestrian plan. Staff assisted the East Coast Greenway Alliance and has met with several localities to determine rerouting

for the trail in the Richmond region as part of the virtual Virginia summit for trail planners held on February 10. Staff continues to support the ECG with projects in the Richmond region and Virginia.

Public Transportation Work Group

The RRTPO Public Transportation Work Group continues to meet as needed to support the development of the GRTC Regional Transportation Plan. GRTC implemented its [public engagement efforts](#) with an online survey for public input (closed on 3/12/21) and an online public meeting on concept alternatives (ridership concept/coverage concept) on March 4th. After public input was received, another core design retreat took place during the third week in March. The last RRTPO Public Transportation Work Group meeting took place on March 23rd. The final draft plan is expected to go to the RRTPO TAC on April 13th, to the RRTPO Policy Board on May 6th, the CVTA TAC on May 10th and the full Authority on May 28th.

Vision Zero Work Group

The RRTPO Vision Zero Work Group is working with VDOT and their consultant on a regional action plan. The data collection and analysis will progress for the next few months and will be a great resource for member localities as they position for safety improvements around the region. A schedule for completion of the plan is being developed.

RSTP/CMAQ Subcommittee

The next RSTP/CMAQ Subcommittee meeting is scheduled for Monday, April 12, 2021. The subcommittee has completed its review of the draft RSTP/CMAQ guidelines and is expected to provide a recommendation to TAC at the next meeting.

Rural Transportation Advisory Committee (RTAC)

The RTAC, made up of planning representatives from the four (4) rural localities continue to focus on road network resiliency mapping to help the localities in their own planning and prioritization for roadway and bridge/culvert improvements working with VDOT. The data will also be useful as applied throughout the Richmond region to measure “environmental resiliency” performance for project scoring through the LRTP process. Staff also reviewed plans to update the regional natural green infrastructure analysis to give localities another planning tool for providing regional connections, strengthening rural character and rural centers of activity. Funding opportunities for implementing flood prevention measures, addressing hazard mitigation, and coastal resiliency were also shared with RTAC. The RTAC plans to meet quarterly.

MEMORANDUM

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

From: Kenneth Lantz, Jr., RRTPO Mobility Manager

Date: March 19, 2021

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

The following is a brief report on major discussion items from the March 18, 2021 CTAC meeting.

GRTC Update

Julie Timm, GRTC CEO provided an overview of the GRTC. She reviewed GRTC's FY21 and FY 22 budgets; defining GRTC's target market; issues associated with equitable transit service; and next steps associated with the provision of public transit services in the region.

High Speed Passenger Rail

Danny Plaughter, Executive Director of Virginians for High Speed Rail, presented "The Case for Passenger Rail & Transforming Rail in Virginia." He reviewed trends in state travel, the estimated costs of the infrastructure that would be required to accommodate that travel, and the role of passenger rail in meeting projected travel levels. Mr. Plaughter noted the existing and proposed features of the state's passenger rail network and their implications for travel to and from the Richmond region.

General Assembly 2021 Session Legislative Update

Barbara Jacocks of PlanRVA provided an overview of the bills from the 2021 session of the General Assembly being tracked by the Virginia Chapter of the American Planning Association. She noted that there are five house and companion senate bills and one joint house-senate study that are being followed, and the issues addressed by the bills include the content of comprehensive plans; determining if projects included in VDOT's Six-Year Improvement Program are designed to be resilient; establishing an Interagency Environmental Justice Working Group; passing of bicyclists by motor vehicles and permitting bicyclists to treat stop signs as yield signs;

adding the Executive Director of the Virginia Port Authority to the membership of the Central Virginia Transportation Authority; and undertaking a study to identify what is needed to achieve the equitable delivery of transportation services and the modernization of transit in the state.

Ms. Jacocks noted that the Virginia APA was also tracking other bills pertaining to flexibility of outdoor refreshment areas, solar energy storage, tree replacement and conservation, environmental justice outreach related to environmental permits, a study of carbon sequestration, and a study of internal, attached, and detached accessory dwelling units as a strategy to address the state's affordable housing needs.

Next CTAC Meeting

The next CTAC meeting is scheduled for Thursday, May 20, 2021.

KEL/nm

TAC AGENDA 4/13/21; ITEM 8.

FY21 – FY24 TIP AMENDMENTS: GRTC REQUEST

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and recommendation to the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board for requests from GRTC to amend the FY21 – FY24 Transportation Improvement Program (TIP) to add three new projects.

BACKGROUND: The RRTPO Policy Board has received a request from GRTC to amend the TIP to add three new projects. Amendment details are outlined below:

Three New Projects:

- UPC GRTC065: Articulated Buses – GRTC
- UPC GRTC067: Consultant Services – GRTC
- UPC GRTC068: BRT Station Modification – GRTC

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

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

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

Three New Projects:

- UPC GRTC065: Articulated Buses – GRTC; **Mass Transit** – Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet
- UPC GRTC067: Consultant Services – GRTC; **Other** – Planning and Technical Studies
- UPC GRTC068: BRT Station Modification – GRTC; **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).

Attachments

CAP/jl

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC065

Jurisdiction: GRTC

Route/Street:

Description: Articulated Buses

Scope: Transit

From: GRTC service area

To: GRTC service area

Length:

Administered By: GRTC

Regionally Significant:

MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	\$0
RW:	\$0
CN:	
Total:	

Goals addressed

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

Federal Obligations

Fund Source	Federal Obligations			
	FY21	FY22	FY23	FY24
FTA 5307	\$0	\$0	\$672,000	\$672,000
State	\$0	\$0	\$1,632,000	\$1,632,000
Local	\$0	\$0	\$96,000	\$96,000

Amendments

Amd 12 5/6/2021 Approved

1). This is a new project added to the TIP. 2). Obligate \$672,000 FTA Sec 5307 funds to FY23 and \$672,000 FTA Sec 5307 funds to FY24. 3). Obligate \$1,632,000 State match to FY23 and \$1,632,000 State match to FY24. 4). Obligate \$96,000 local match to FY23 and \$96,000 local match to FY24.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC067

Jurisdiction: GRTC

Route/Street:

Description: Consultant Services

Scope: Transit

From:

To:

Length:

Administered By: GRTC

Regionally Significant:

MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	\$0
RW:	\$0
CN:	
Total:	

Goals addressed

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

Federal Obligations

Fund Source	Federal Obligations			
	FY21	FY22	FY23	FY24
FTA 5307	\$277,760	\$714,000	\$0	\$0
State	\$674,560	\$1,734,000	\$0	\$0
Local	\$0	\$102,000	\$0	\$0

Amendments

Amd 13 5/6/2021 Approved

1). This is a new project added to the TIP. 2). Obligate \$277,760 FTA Sec 5307 funds to FY21 and \$714,000 FTA Sec 5307 funds to FY22. 3). Obligate \$674,560 State match to FY21 and \$1,734,000 State match to FY22. 4). Obligate \$102,000 local match to FY22.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC068

Jurisdiction: GRTC

Route/Street:

Description: BRT Station Modification

Scope: Transit

From:

To:

Length:

Administered By: GRTC

Regionally Significant:

MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Goals addressed

Cost Estimates		Access	No	Congestion	No	Environment	No
PE:	\$0	Freight	No	Landuse	No	Maintenance	Yes
RW:	\$0	Safety	No	Reliability	Yes	Multimodal	No
CN:							
Total:							

Federal Obligations

Fund Source	Federal Obligations			
	FY21	FY22	FY23	FY24
FTA 5307	\$0	\$420,000	\$0	\$0
State	\$0	\$1,020,000	\$0	\$0
Local	\$0	\$60,000	\$0	\$0

Amendments

Amd 14 5/6/2021 Approved

1). This is a new project added to the TIP. 2). Obligate \$420,000 FTA Sec 5307 funds to FY22. 3). Obligate \$1,020,000 State match to FY22. 4). Obligate \$60,000 local match to FY22.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Project Amendments - Tracking Records

Amd 12 GRTC065 GRTC Articulated Buses

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate \$672,000 FTA Sec 5307 funds to FY23 and \$672,000 FTA Sec 5307 funds to FY24. 3). Obligate \$1,632,000 State match to FY23 and \$1,632,000 State match to FY24. 4). Obligate \$96,000 local match to FY23 and \$96,000 local match to FY24.
Date Requested 3/9/2021

Amd 13 GRTC067 GRTC Consultant Services

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate \$277,760 FTA Sec 5307 funds to FY21 and \$714,000 FTA Sec 5307 funds to FY22. 3). Obligate \$674,560 State match to FY21 and \$1,734,000 State match to FY22. 4). Obligate \$102,000 local match to FY22.
Date Requested 3/9/2021

Amd 14 GRTC068 GRTC BRT Station Modification

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate \$420,000 FTA Sec 5307 funds to FY22. 3). Obligate \$1,020,000 State match to FY22. 4). Obligate \$60,000 local match to FY22.
Date Requested 3/9/2021

TAC AGENDA 4/13/21; ITEM 9.

FY21 – FY24 TIP AMENDMENTS: DRPT REQUEST

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and recommend to the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board requests from DRPT to amend the FY21 – FY24 Transportation Improvement Program (TIP) to add two new projects.

BACKGROUND: The RRTPO Policy Board has received a request from DRPT to amend the TIP to add two new projects. Amendment details are outlined below:

Two New Projects:

- UPC CBI0001: Paratransit Vehicles—DRPT
- UPC HHI0001: Paratransit Vehicles—DRPT

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

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

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

Two New Projects:

- UPC CBI0001: Paratransit Vehicles—DRPT; **Mass Transit** - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet
- UPC HHI0001: Paratransit Vehicles—DRPT; **Mass Transit** - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Attachments

CAP/jl

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CBI0001

Jurisdiction: DRPT

Route/Street:

Description: Paratransit Vehicle

Scope: Transit

From:

To:

Length:

Administered By: DRPT

Regionally Significant:

MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	\$0
RW:	\$0
CN:	
Total:	

Goals addressed

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

Federal Obligations

Fund Source	Federal Obligations			
	FY21	FY22	FY23	FY24
FTA 5310	\$0	\$65,000	\$0	\$0

Amendments

Amd 15 5/6/2021 Approved

1). This is a new project added to the TIP. 2). Obligate 65,000 FTA Section 5310 funds (100% Fed) to FY22.

Date Requested 3/15/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC HHI0001

Jurisdiction: DRPT

Route/Street:

Description: Paratransit Vehicles

Scope: Transit

From:

To:

Length:

Administered By: DRPT

Regionally Significant:

MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	\$0
RW:	\$0
CN:	
Total:	

Goals addressed

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

Federal Obligations

Fund Source	Federal Obligations			
	FY21	FY22	FY23	FY24
FTA 5310	\$0	\$130,000	\$0	\$0

Amendments

Amd 16 5/6/2021 Approved

1). This is a new project added to the TIP. 2). Obligate \$130,000 FTA Section 5310 funds (100% Fed) to FY22.

Date Requested 3/15/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Project Amendments - Tracking Records

Amd 15 CBI0001 DRPT Paratransit Vehicle

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate 65,000 FTA Section 5310 funds (100% Fed) to FY22.
Date Requested 3/15/2021

Amd 16 HHI0001 DRPT Paratransit Vehicles

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate \$130,000 FTA Section 5310 funds (100% Fed) to FY22.
Date Requested 3/15/2021

TAC AGENDA 4/13/21; ITEM 10.

FY21 – FY24 TIP AMENDMENTS: VDOT REQUEST

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and recommend to the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board requests from VDOT to amend the FY21 – FY24 Transportation Improvement Program (TIP) to revise a Project Grouping summary table.

BACKGROUND: The RRTPO Policy Board has received a request from VDOT to amend the TIP to revise a Project Grouping summary table. These revisions are necessary as four bridges are being removed from preventative maintenance and added to the construction grouping for state of good repair work. The four bridge projects are:

- UPC 111300 - #SGR18VB - Bridge Rehab 1st Street Over I-95
- UPC 113375 - #SGR19VB - Replace Superstructure Broad Street Over I-95
- UPC 113388 - #SGR19VB - BR Replace Superstructure 4th Street Over I-95
- UPC 118484 - #SGR21VB - 7th Street Over I-95 – SUPER REPL – FED ID 21289

Amendment details are outlined below:

Revision of Project Grouping Summary Table—Construction: Bridge Rehabilitation/Replacement/Reconstruction

PE: Add \$2,476,840 NHS/NHPP funds to FY21.

RW: Add \$268,060 NHS/NHPP funds to FY21; \$1,478,205 NHS/NHPP funds to FY23; and \$266,357 STP/STBG to FY23.

CN: Add \$13,738,026 AC Conversion funds to FY22; and \$4,012,221 AC Conversion funds to FY24.

Revise FY23 AC Conversion funds from \$200,000 to \$9,012,602.

Add \$1,463,471 NHFP funds to FY21; \$9,995,039 NHS/NHPP funds to FY21; \$7,805,103 NHS/NHPP funds to FY24; and Add \$3,344,097 STP/STBG funds to FY24.

CN Fed AC funds: Revise FY21 Fed CN AC funds from \$3,519,000 to \$30,223,322.

CN AC Other funds: Add \$9,329,785 CN AC Other funds to FY21; \$8,470,585 CN AC Other funds to FY24.

CN AC funds: Add \$8,470,585 CN AC funds to FY24; revise FY21 CN AC funds from \$3,519,000 to \$39,553,107.

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

RESOLVED, that the Richmond Regional Transportation Planning Organization Policy Board amends the *FY21 – FY24 Transportation Improvement Program (TIP)* revising the Construction: Bridge Rehabilitation/Replacement/Reconstruction project grouping summary table.

Attachment
CAP/jl

Richmond District**Project Groupings**

MPO	Richmond					
GROUPING	Construction : Bridge Rehabilitation/Replacement/Reconstruction					
ROUTE/STREET					TOTAL COST	\$106,539,240
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
PE	Federal - AC CONVERSION	\$105,000	\$0	\$420,000	\$0	\$0
	Federal - NHS/NHPP	\$0	\$2,476,840	\$0	\$0	\$0
PE TOTAL		\$105,000	\$2,476,840	\$420,000	\$0	\$0
RW	Federal - AC CONVERSION	\$245,000	\$0	\$380,000	\$600,000	\$0
	Federal - NHFP	\$0	\$1	\$0	\$0	\$0
	Federal - NHS/NHPP	\$0	\$268,060	\$0	\$1,478,205	\$0
	Federal - STP/STBG	\$0	\$0	\$0	\$266,357	\$0
RW TOTAL		\$245,000	\$268,061	\$380,000	\$2,344,562	\$0
CN	Federal - AC CONVERSION	\$50,000	\$0	\$13,738,026	\$9,012,602	\$4,012,221
	Federal - NHFP	\$16,447	\$1,463,471	\$65,789	\$0	\$0
	Federal - NHS/NHPP	\$1,944,643	\$9,995,039	\$7,778,573	\$0	\$7,805,103
	Federal - RSTP	\$1,150,000	\$0	\$4,600,000	\$0	\$0
	Federal - STP/STBG	\$0	\$0	\$0	\$0	\$3,344,097
CN TOTAL		\$3,161,091	\$11,458,510	\$26,182,388	\$9,012,602	\$15,161,421
CN AC	Federal - AC	\$1,604,750	\$30,223,322	\$2,900,001	\$0	\$0
	Federal - AC OTHER	\$363,909	\$9,329,785	\$1,455,637	\$0	\$8,470,585
CN AC		\$1,968,660	\$39,553,107	\$4,355,638	\$0	\$8,470,585
MPO Note		TIP AMD - add \$2,476,840 (NHPP) FFY21 PE phase; add \$268,060 (NHPP) FFY21, \$1,478,205 (NHPP) & \$266,357 (STP/STBG) FFY23 RW phase; add \$9,995,039 (NHPP), \$1,463,471 (NHFP), add \$20,767,260 (AC-NHPP) & \$15,266,847 (AC-Other) FFY21, add \$13,738,026 (ACC-NHPP) FFY22, \$8,812,602 (ACC-NHPP) FFY23 & \$4,012,221 (ACC-NHPP) FFY24, add \$7,805,103 (NHPP), \$3,344,097 (STP/STBG) & \$8,470,585 (AC-Other) FFY24 CN phase.				

Federal funds include the use of soft match supported by approved toll credits unless otherwise indicated and/or matching funds are shown in the "Match" column. Non-federal fund sources are as noted in the "Program Note" and shown in t

TAC AGENDA 4/13/21; ITEM 11.

SURPLUS CMAQ FUNDS TRANSFER

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review requests for unmatched Congestion Mitigation and Air Quality (CMAQ) closeout funds and approve a transfer of previous CMAQ funds

BACKGROUND: The Appropriation Act requires Congestion Mitigation and Air Quality Improvement (CMAQ) funds to be federally obligated within 12 months of their allocation by the Commonwealth Transportation Board (CTB) and expended within 36 months of such obligation. If these requirements are not met, then the CTB shall use the funds for any other project eligible under 23 USC 149.

Based on a VDOT review of projects within the Richmond MPO, five (5) projects were identified as having been final vouchered before 2017 and had unexpended CMAQ funds remaining beyond the 36-month timeframe set out in the Appropriation Act. The projects and remaining funding are identified in the table below. The remaining CMAQ funding and state match have been transferred to the CMAQ balance entry (UPC 70719) to facilitate final closeout of these projects. The RRTPO was informed that any of these funds remaining in balance entry on June 1st would be reallocated by the CTB.

UPC	Jurisdiction	Remaining CMAQ	Remaining Match	Match Required
12932	Chesterfield	\$28,717		\$7,179
16926	Hanover	\$12,668		\$3,169
98529	Henrico	\$5,973	\$1,493	\$0
84348	Henrico	\$303,551		\$75,888
12934	Henrico	\$1,616		\$404
Total		\$352,525	\$1,493	\$86,638

CMAQ funds, like most federal transportation programs, require a 20% match. Generally, the state provides the 20% match for CMAQ projects. Due to the age and types of projects, the CMAQ funding on the closeout projects is mostly unmatched, requiring the recipient to provide the 20% matching funds.

REQUESTS SUBMITTED: Due to the unusual circumstances and the deadline for reallocation, RRTPO staff decided to provide all active CMAQ project sponsors the opportunity to identify potential recipient projects. RRTPO staff sent out an email to TAC on March 16th advising members of the available unmatched CMAQ funding and the need to reallocate these funds by June 1st. TAC members were requested to

identify existing CMAQ projects which could use the surplus funds and for which the sponsor would be willing to provide the required match. A deadline of March 26th was set for submissions. Two (2) requests were received by RRTPO staff. The requests are summarized in the table below.

Sponsor	Project	What will funding achieve?
City of Richmond	Richmond Signal System – Phase III	Additive 1 to base project
Henrico County	Brook Rd & Hilliard Rd Trail (Fall Line section)	Advance project start from FY24 to this year

STAFF RECOMMENDATION: Staff recommends the balance be transferred to the Brook Rd & Hilliard Rd Trail (UPC 118153) which forms a section of the Fall Line. The project sponsor submitted a request to advance the project in the fall, but the request could not be accommodated within the FY22 – FY27 allocations plan due to the reduction in available funding. Advancing this project with previous funds will demonstrate regional commitment to the Fall Line and serve as useful example in the on-going search for additional funding for the trail. Sufficient closeout balance from other projects is available to fully fund the balance of the PE phase and allow the project to start this year. This request does not increase the total TPO commitment to the project.

The Richmond Signal System project (UPC 105890) was awarded over \$1M in additional funding in FY21. This additional funding was initially requested to cover the cost of the additives. The base project cost increased last year, resulting in the additional funding going toward the base project. Transfer of the CMAQ balance would be another increase in the TPO commitment to the project.

TAC REQUESTED ACTION: The following resolution is presented for TAC review and approval:

RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) approves the transfer of \$346,552 of previous unmatched CMAQ funds from UPC 70719 to UPC 118153 and directs staff to take all necessary steps to complete such transfer.

FURTHER RESOLVED, that the RRTPO TAC approves the transfer of \$163,810 of previous matched CMAQ funds from UPC 70719 and UPC 101492 to UPC 118153 and directs staff to take all necessary steps to complete such transfer.

TAC AGENDA 4/13/21; ITEM 13.

TAC Future Meeting Topics*

Future Meeting Topics

- RRTPO Project Prioritization Process
- ConnectRVA 2045 Updates
- RSTP/CMAQ Program Guidelines Update (May 2021, tentative)
- Draft FY22 Unified Planning Work Program (UPWP) Priorities
- Bike-Ped Plan Updates
- CVTA Update

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