

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE

Tuesday, November 12, 2019

9:00 a.m.

Richmond Regional Planning District Commission Board Room

CERTIFICATION OF QUORUM

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3. Approval of October 8, 2019 TAC Meeting Minutes (Smith)..... Action Requested	1 – 4
4. TAC Chairman's Report (Smith)..... a. Richmond Region Transportation Forum Recap b. Other	–
5. RRTPO Update (Parsons/10 minutes)..... a. Current Work Efforts b. RSTBG/CMAC: Applications; Allocation Tracking Sheets	5 – 6
6. SMART Scale (Chad Tucker, VDOT/45 minutes).....	–
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13. Next TAC Meeting: December 10 (Smith).....		–
14. Adjournment: Scheduled for 10:35 a.m. (Smith)		–

CAP/SA/sr
Attachments

pc:	John H. Hodges, RRTPO policy board Chair	Ron Svejksky, Tri-Cities MPO
	Herbert A. Richwine, CTAC Chair	Martha Shickle, PlanRVA
	Richard Duran, FHWA	TAC Interested Parties
	Daniel Koenig, FTA Liaison	Area News Media
	Jennifer DeBruhl, DRPT	

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION (RRTPO)

TECHNICAL ADVISORY COMMITTEE (TAC)

MINUTES OF MEETING

October 8, 2019

MEMBERS PRESENT

Barbara K. Smith, Chairman..... Chesterfield County
Nora D. Amos, Vice Chairman..... Town of Ashland
Dironna Moore Clarke City of Richmond
Thomas Coleman Goochland County
Rosemary Deemer (Alternate)..... Henrico County
Tiffany Dubinsky..... DRPT
Kelli Le Duc..... New Kent County
Liz McAdory (Alternate)..... VDOT
John O'Keeffe..... RideFinders
Chet Parsons RRPDC
Andrew Pompei Powhatan County
Adrienne Torres GRTC Transit System
Joseph E. Vidunas Hanover County

MEMBERS ABSENT

E. Todd Eure..... Henrico County
Mark Riblett..... VDOT
John B. Rutledge CRAC
Theresa Simmons RMTA
Von S. Tisdale..... RideFinders

ALTERNATE MEMBERS PRESENT – NOT VOTING

Sulabh Aryal (Alternate) RRPDC

CERTIFICATION OF QUORUM

Barbara K. Smith, TAC Chairman, called the October 8, 2019 Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) meeting to order at 9:00 a.m. Chet Parsons, RRTPO Secretary, noted that a quorum was present.

INTRODUCTIONS

Chairman Smith introduced Liz McAdory, former RRTPO staff, as the new VDOT alternate TAC member replacing Jasmine Amanin.

1. Approval of Meeting Agenda

There were no requests to amend the TAC meeting agenda and on motion of Thomas Coleman, seconded by Joseph E. Vidunas, TAC unanimously approved the October 8, 2019 TAC meeting agenda.

2. Public Comment

There were no requests to address TAC.

3. Approval of September 10, 2019 TAC Meeting Minutes

Chairman Smith noted a correction to attendance for the September 10 meeting minutes. On motion of Thomas Coleman, seconded by Liz McAdory, TAC unanimously approved the September 10, 2019 TAC minutes as corrected.

4. TAC Chairman's Report

Chairman Smith had nothing to report.

5. RRTPO Update

Chet Parsons, RRTPO Secretary, reported as follows:

- a. Current Work Efforts:
 - Park and Ride Study – A presentation is on today's agenda.
 - Trolley Line Trail / Ashland to Petersburg Trail Study – There is action adjacent to this in the Ashland to Petersburg Trail project which is scheduled to be completed before the holidays. This is a tentative topic for the Transportation Forum.
 - Greater RVA Transit Vision Plan: Phase 2 – Kimley Horn is evaluating 12 selected corridors; next steps and findings will be shared at the November TAC meeting and will go to the RRTPO in December.
 - Active Transportation Work Group – the next meeting follows the Tuesday, November 12, TAC meeting and will be a joint meeting with the Department of Conservation on the 2023 Virginia Outdoors Plan Update.
 - The RRTPO policy board cancelled the January 2 meeting which impacts the TIP schedule to be discussed later this morning.
- b. CTAC Meeting Report – September 19 – There is a September 19 CTAC meeting report in the agenda package.
- c. RRTPO Meeting Report – The October 3 RRTPO policy board meeting report is included in the agenda package.
- d. Richmond Region Transportation Forum – the seventh annual Forum will be November 7 in Ashland at Randolph-Macon College. Topics include rail improvements and rail-related projects.
- e. Complete Streets Public Open House Recap – The Open House was held September 23 at the Tuckahoe Library and was well attended. Several work stations were set up for participants to design their own Complete Streets.
- f. PlanRVA 50th Anniversary Celebration Recap – Former and current board members, staff and partner agency staff celebrated the 50th
- g. Public Comment Opportunities: These opportunities will happen concurrently on October 15 at the Marriott in Short Pump, 4:00 p.m.
 - I-95 Corridor Improvement Study
 - CTB Fall Transportation Meeting

6. Air Quality in the Richmond Region

Doris McLeod, Air Quality Planner with the Department of Environmental Quality (DEQ), provided an update on air quality in the region looking at ozone, which has been the main air pollutant in the Richmond region. She reviewed formation of ozone, affected populations, and federal regulation of and standards for ozone since 1990. Air quality has improved significantly since 1990 and no code red alert days were recorded last summer; improvements in emissions from control programs – industry, power plants, on-road engines and off-road engines – account for a major share of the improved air quality. In 2012, the Richmond region voted to participate in the EPA Ozone Advance Program submitting a plan for reducing emissions. The 2010 – 2012 ozone average value was 79 parts per billion (ppb), four points over the 75 ppb standard. The 2017 – 2019 ozone average value was 65 ppb, five points under the 70 ppb standard. EPA predicts air quality will continue to improve in the Richmond region. The DEQ submitted five annual update reports to EPA and due to improvement in air quality, the Ozone Advance Plan was closed out. The Richmond region is in full conformity with the National Ambient Air Quality Standard (NAAQS). EPA guidance has eliminated modeling/regional emissions analysis requirements.

7. Richmond Regional Park and Ride Investment Strategy Study

Barbara Jacocks, Transportation Planner, reported on progress on the regional Park and Ride Study reviewing components of the project scope. Twelve areas were recommended for consideration, and cost estimates were developed for each lot; Ms. Jacocks reviewed the methodology for determining lot size and a costs for each location. The four primary implementation activities were discussed: Agreements; Planning, Design and Construction; Marketing; and Monitoring. Funding sources and eligibility for different types of projects were reviewed, as well as eligible recipients. Next steps include RRTPO policy board approval of the study recommendations and incorporation of some projects into the 2045 Long-Range Transportation Plan. A suggestion was made to brand the state's Park and Ride lots with distinctive signage so they are readily recognizable. Ms. Jacocks previewed the story map posted on the website: <https://rrpdc.maps.arcgis.com/apps/Cascade/index.html?appid=14fc43e9c5344142a04149eca79e0d> **Park and Ride StoryMap**

On motion of Joseph E. Vidunas, seconded by John O'Keeffe, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) voted unanimous approval of the following resolution:

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board adopts the *2019 Richmond Regional Park and Ride Investment Strategy Study* to be used as a comprehensive guide by participating entities to plan, design, fund and implement Park and Ride lots in the Richmond region.

8. TIP Update Process Overview

Myles Busching, RRTPO Planner, reported that the Executive Committee has reviewed the FY21 – FY24 Transportation Improvement Program (TIP) planning effort and referred it to TAC for development. TAC was requested to approve the TIP Proposed Project Schedule which shows the effort being complete for RRTPO policy board approval and submission to VDOT in early May 2020.

On motion of Liz McAdory, seconded by Joseph E. Vidunas, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) voted unanimous approval of the following resolution:

RESOLVED, that Richmond Regional Transportation Planning Organization staff proceed with development of the FFY 21 – 24 Transportation Improvement Program (TIP) following the proposed schedule as presented.

9. Public Participation Plan Update

Myles Busching, RRTPO planner, introduced the proposed schedule and outline for updating the Public Participation Plan (PPP). The RRTPO Executive Committee referred this effort to TAC for oversight and staff guidance. The PPP is a required planning document detailing how the RRTPO seeks public input and guidance when making key decisions about transportation for the region. The last update was done in 2016; this update is included in the FY20 Unified Planning Work Program (UPWP). The revised plan will be informed by research of best practices at other MPOs and will be designed as a more public-facing document for public use on how to get involved in the planning process. Adoption of the revised plan is scheduled for the March 5 RRTPO policy board meeting. TAC discussion brought forward the following major points:

- Identifying specific groups and communities that should be targeted for public outreach was discussed at an RRTPO policy board meeting and should be incorporated into the PPP.
- The Title VI notice that goes into the public notices published and paid for in local media may be much shorter than the full notice included in the PPP.
- The federally-required 45-day public comment period on the draft PPP is scheduled for December into January; though this includes the holidays, the final plan can be in effect for the majority of the LRTP development period.
- The PPP is being revised not only for content, but also for presentation, whether that be more exciting graphics or online components that invite citizens to read and engage with the PPP and planning efforts.
- A suggestion was made to add prompts to the material being reviewed that would elicit public comments on the plan such as questions like “are these the right projects,” and “does this schedule work.”

10. TAC Open Comment

- Tiffany Dubinsky reported for DRPT as follows:
 - The FY20 -21 grant application cycle opens December 1; DRPT will host a series of grantee workshops as follows: 5303 online webinar – Nov. 13 from 10:30 to 11:30; Nov. 14 from 10:00 a.m. to 1:00 p.m. – in-person webinar about all other programs including FTA Section 5310.
 - October is Passenger Rail Month in Virginia; several special travel rates are available with codes available online.
- Liz McAdory reported for VDOT as follows:
 - TAP rescission will be official in October; video from the last CTB meeting is available online, go minute 23 and minute 33 of the video for details.
 - The November CTB meeting is November 16 – 17, VDOT Central Office auditorium.
 - SMART SCALE Round 4 will have a lot of changes which will be considered for CTB approval in October; changes may be available for the November TAC meeting. Pre-applications are required, due March 1.
 - VTrans Needs are being finalized; the final draft goes to the CTB in October with final approval scheduled for December.
 - Ashland to Petersburg Trail public comment is open online until Oct. 11.
 - CTB Fall Transportation Meeting is October 15 at the Richmond Marriott, 4:00 p.m.; the I-95 Corridor Improvement Plan comment period is being held in conjunction with this meeting.
 - Governor’s Transportation Conference is being held Nov. 20 – 22 at the Crystal City Hyatt Regency; registration information is available online.

11. Future Meeting Topics

Chairman Smith noted the list of future meeting topics included on page 16 in the agenda package. Chet Parsons said the November meeting has a full agenda and there is consideration of cancelling the December 10 TAC meeting.

12. Next TAC Meeting: November 12

Chairman Smith noted the next TAC meeting is scheduled for Tuesday, November 12, 2019 at 9:00 a.m.

15. Adjournment: Scheduled for 10:10 a.m.

Chairman Smith adjourned the meeting at approximately 10:15 a.m.

Current Work Efforts Update

Park and Ride Investment Strategy Study

All four technical memos and the story map have been completed, reviewed and approved by the study advisory group (SAG). Acting on the Technical Advisory Committee's resolution approved October 8, staff will take the final report and story map to the RRTPO policy board on December 3 for their consideration and adoption.

Greater RVA Transit Vision Plan Phase 2: Corridor Analysis

Phase 2 focuses on the 20 corridors identified in the *transit2040* vision for high-frequency service by 2040. The Kimley-Horn team has shared its initial recommendations for the first cut of near-term enhanced transit corridors with the steering committee (including representation from CTAC), RRTPO Technical Advisory Committee (TAC), the RRTPO policy board and the Community Transportation Advisory Committee (CTAC), and GRTC. Kimley-Horn is working on the more detailed analysis for the 12 selected corridors to share with the committee, TAC, and RRTPO policy board.

Long-Range Transportation Plan

The Long-Range Transportation Plan (LRTP) is a significant decision tool to guide how the RRTPO and its partners will meet the transportation needs of the Richmond region over the next 20 plus years. RRTPO is in process of updating the region's long-range transportation plan. The LRTP process is guided by a LRTP advisory committee composed of TAC representatives plus additional stakeholders. TAC, CTAC and other stakeholders were invited to participate in the LRTP advisory committee. The general scope and schedule of the 2045 LRTP update has been developed and reviewed by TAC and CTAC and the Policy Board. The general scope, schedule and composition of the LRTP Advisory committee was approved by the RRTPO policy board on October 3. Since then, detailed scope and schedule including the scopes for various tasks within the LRTP, are being developed. Internal workgroup meetings to get started with the different tasks within LRTP were also convened. Work to develop a public outreach strategy, including a branding component for the LRTP is being conducted. The LRTP advisory committee is expected have its kick-off meeting in late November or early December.

Ashland Trolley Line Trail Study

The Ashland Trolley Line Trail advisory group is working in concert with the VDOT Ashland to Petersburg Trail Study. The next steps are to identify segments of independent utility along the conceptual 14-mile route from Ashland to the City of Richmond. Henrico County is making application for Transportation Alternatives (TA) set-aside funding for the initial segments of the trail in conjunction with utility work being done along Spring Run in the Lakeside area. Field visits to additional segments in Hanover and Town of Ashland are planned for December.

Ashland to Petersburg Trail Study

This VDOT-led study has completed its public outreach with a second set of engagement meetings in Colonial Heights (September 30) and Henrico County (October 1). The meetings were an opportunity to discuss alignment options with the public and get feedback on proposed improvements. The next steps include development of a final proposed alignment and positioning of trail sections by jurisdiction for future funding opportunities. More information can be found at <http://www.virginiadot.org/projects/richmond/ashland-to-petersburg-trail-study.asp>

Bicycle and Pedestrian Plan Update

Scoping for the update to the 2004 Richmond Regional Bicycle and Pedestrian Plan is underway. Staff is also in the process of selecting a steering committee and gathering GIS data to create regional maps for bicycle and pedestrian infrastructure. Staff is also reviewing master plans and chapters of comprehensive plans from regional localities as well as comparable plans in other regions. Staff expects to schedule steering committee meetings to begin in January.

TAC AGENDA 11/12/19; ITEM 7.

FY20 UNIFIED PLANNING WORK PROGRAM (UPWP) BUDGET AMENDMENT

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: This item is presented for Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) review and recommendation to the RRTPO policy board to amend the FY20 Unified Planning Work Program (UPWP) budget. Following RRTPO action, the amended work program will be submitted to VDOT, DRPT, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

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

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

Program Development and Work Priorities

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

Programming of FY19 and previous FTA Section 5303 Carryover Funds

When the UPWP was approved on June 27, 2019, the amount of funding that would be available from the previous FTA Section 5303 Carryover was not fully budgeted into the program because the amount was unconfirmed. This UPWP amendment includes the allocation of \$143,738 to three work tasks in the UPWP in support of additional transit-supportive activities.

• Task 7310 Long-Range Transportation Plan	\$109,408
• Task 7330 Transit	\$ 10,330
• Task 7340 Active Transportation – Bicycle & Pedestrian	<u>\$ 24,000</u>
TOTAL	\$143,738

Mid Year Work Program Review, Timing of Projects and Staffing

The RRTPO is now fully staffed and is on track with the priorities outlined in the FY20 UPWP. The ability to allocate FTA 5303 carryover funds at this time allows management to evaluate staff commitments to UPWP work tasks and adjust hours to meet the most pressing needs.

The items shown in the attached Table 3: Summary of FY2020 RRTPO UPWP Budget proposed are proposed to replace the attached Figure 2 and Tables 3 and 4 in the adopted FY20 UPWP. This revision includes adjustments for full staff utilization and the programming of FTA 5303 carryover funds.

STAFF RECOMMENDATION: Staff recommends TAC review and recommendation of the proposed FY 20 UPWP amendment to the RRTPO policy board for review and approval.

TAC ACTION REQUESTED: The following resolution is presented for TAC review and recommendation for RRTPO policy board action:

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

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

Attachments

TABLE 3: SUMMARY OF FY 2020 RRTPO UPWP BUDGET

Work Task	RRTPO Budget				
	PL Approved	5303 Approved	CO 5303 Approved	OTHER (I)	GRAND TOTAL
7110 Program Management	\$ 132,000	\$ 33,000	\$ -	\$ -	\$ 165,000
7210 UPWP, Budget, and Contract Administration	\$ 24,421	\$ 22,579	\$ -	\$ -	\$ 47,000
7210 Public Outreach and Equity Analysis	\$ 97,750	\$ 17,250	\$ -	\$ -	\$ 115,000
7220 Special Planning Efforts	\$ 99,000	\$ -	\$ -	\$ -	\$ 99,000
7230 Contingency Funding	\$ 109,858	\$ -	\$ -	\$ -	\$ 109,858
7310 Metropolitan Transportation Plan	\$ 242,096	\$ 60,524	\$ 109,408	\$ -	\$ 412,028
7320 Travel Demand Modeling & Emission Analysis	\$ 218,500	\$ 11,500	\$ -	\$ 250,000	\$ 480,000
7330 Transit	\$ 115,500	\$ 259,170	\$ 10,330	\$ -	\$ 385,000
7340 Active Transportation- Bicycle & Pedestrian	\$ 178,500	\$ 31,500	\$ 24,000	\$ -	\$ 234,000
7350 Systems Resilience Plan	\$ 110,682	\$ -	\$ -	\$ -	\$ 110,682
7410 Performance Based Transportation Planning	\$ 97,750	\$ 17,250	\$ -	\$ -	\$ 115,000
7420 Financial Programming/ Transportation Improvement Program	\$ 282,625	\$ 14,875	\$ -	\$ -	\$ 297,500
7430 Rail, Freight & Intermodal Planning	\$ 4,200	\$ 6,300	\$ -	\$ -	\$ 10,500
7510 Rural Transportation	\$ -	\$ -	\$ -	\$ 72,500	\$ 72,500
TOTAL (\$)	\$ 1,712,882	\$ 473,948	\$ 143,738	\$ 322,500	\$ 2,653,068

Work Tasks to receive FTA 5303 Carryover funds

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

FIGURE 2: FY 2020 TOTAL RRTPO BUDGET BY TASK

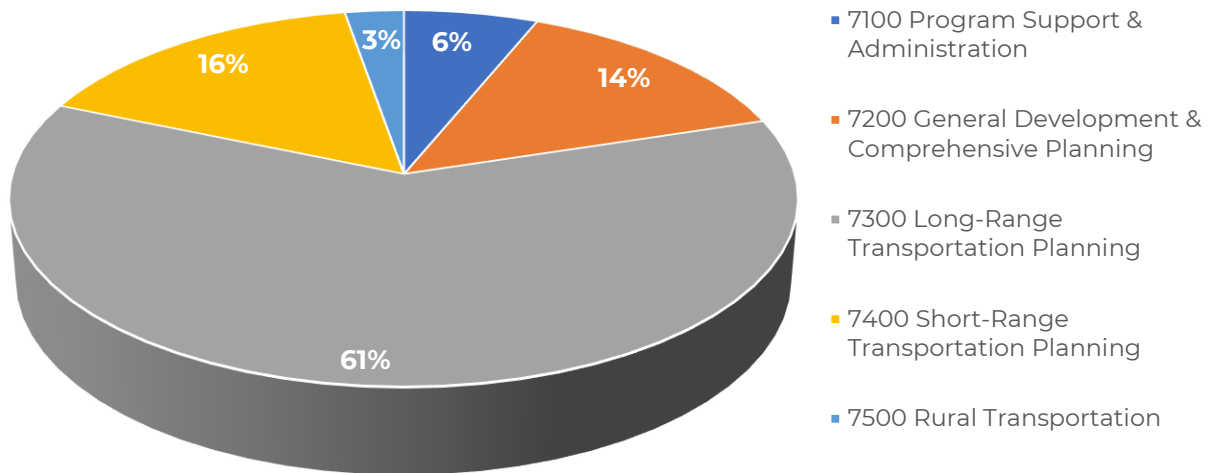


TABLE 4: FY 2020 RRTPO UPWP BUDGET

Work Task	RRTPO Budget											
	PL				5303				CO 5303			
	Federal	State	Local	Total	Federal	State	Local	Total	Federal	State	Local	Total
7110 Program Management	\$ 105,600	\$ 13,200	\$ 13,200	\$ 132,000	\$ 26,400	\$ 3,300	\$ 3,300	\$ 33,000	\$ -	\$ -	\$ -	\$ -
7210 UPWP, Budget and Contract Administration	\$ 19,537	\$ 2,442	\$ 2,442	\$ 24,421	\$ 18,063	\$ 2,258	\$ 2,258	\$ 22,579	\$ -	\$ -	\$ -	\$ -
7210 Public Outreach and Equity Analysis	\$ 78,200	\$ 9,775	\$ 9,775	\$ 97,750	\$ 13,800	\$ 1,725	\$ 1,725	\$ 17,250	\$ -	\$ -	\$ -	\$ -
7220 Special Planning Efforts	\$ 79,200	\$ 9,900	\$ 9,900	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7230 Contingency Funding	\$ 87,886	\$ 10,986	\$ 10,986	\$ 109,858	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7310 Metropolitan Transportation Plan	\$ 193,677	\$ 24,210	\$ 24,210	\$ 242,096	\$ 48,419	\$ 6,052	\$ 6,052	\$ 60,524	\$ 87,526	\$ 10,941	\$ 10,941	\$ 109,408
7320 Travel Demand Modeling & Emission Analysis	\$ 174,800	\$ 21,850	\$ 21,850	\$ 218,500	\$ 9,200	\$ 1,150	\$ 1,150	\$ 11,500	\$ -	\$ -	\$ -	\$ -
7330 Transit	\$ 92,400	\$ 11,550	\$ 11,550	\$ 115,500	\$ 207,336	\$ 25,917	\$ 25,917	\$ 259,170	\$ 8,264	\$ 1,033	\$ 1,033	\$ 10,330
7340 Active Transportation- Bicycle & Pedestrian	\$ 142,800	\$ 17,850	\$ 17,850	\$ 178,500	\$ 25,200	\$ 3,150	\$ 3,150	\$ 31,500	\$ 19,200	\$ 2,400	\$ 2,400	\$ 24,000
7350 Systems Resilience Plan	\$ 88,546	\$ 11,068	\$ 11,068	\$ 110,682	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7410 Performance Based Transportation Planning	\$ 78,200	\$ 9,775	\$ 9,775	\$ 97,750	\$ 13,800	\$ 1,725	\$ 1,725	\$ 17,250	\$ -	\$ -	\$ -	\$ -
7420 Financial Programming/ Transportation Improvement Program	\$ 226,100	\$ 28,263	\$ 28,263	\$ 282,625	\$ 11,900	\$ 1,488	\$ 1,488	\$ 14,875	\$ -	\$ -	\$ -	\$ -
7430 Rail Freight & Intermodal Planning	\$ 3,360	\$ 420	\$ 420	\$ 4,200	\$ 5,040	\$ 630	\$ 630	\$ 6,300	\$ -	\$ -	\$ -	\$ -
7510 Rural Transportation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL (\$)	\$ 1,370,306	\$ 171,288	\$ 171,288	\$ 1,712,882	\$ 379,158	\$ 47,395	\$ 47,395	\$ 473,948	\$ 114,990	\$ 14,374	\$ 14,374	\$ 143,738
									\$ 200,000	\$ 108,000	\$ 14,500	\$ 322,500
												\$ 2,653,068

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

TAC AGENDA 11/12/19; ITEM 8.

RICHMOND REGIONAL TRANSPORTATION PERFORMANCE MEASURES

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: To recommend the *Transportation Performance Measures – Progress Report 2019* for Richmond Regional Transportation Planning Organization (RRTPO) approval as an FY20 Unified Planning Work Program (UPWP) work task complete.

BACKGROUND: The *Transportation Performance Measures – Progress Report 2019* is a core component of RRTPO efforts to integrate Performance-Based Planning and Programming into the regional metropolitan transportation planning process. The FY20 report builds upon previous annual reports and includes statistics on highway usage and congestion, pavement and bridge conditions, transit ridership, commuting patterns, safety and air quality over time. Additionally, the report compares the Richmond region's performance to peer and similarly sized regions. The report also highlights RRTPO programs and funded projects that align with the regional **plan2040** transportation goals. The final draft report is available at the following link: [Transportation Performance Measures – Progress Report 2019](#).

TAC ACTION REQUESTED: The RRTPO Technical Advisory Committee is requested to review the *Transportation Performance Measures – Progress Report 2019* and recommend RRTPO policy board approval as an FY20 UPWP work task complete.

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board accepts the *Transportation Performance Measures – Progress Report 2019* as a Fiscal Year 2019 Unified Planning work Program work task complete.

PMR

TAC AGENDA 11/12/19; ITEM 9.

PUBLIC ENGAGEMENT PLAN

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: The Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) is requested to review the draft of the updated Public Participation Plan, now called the Public Engagement Plan, and provide a recommendation to the RRTPO policy board to open a 45-day public review and comment period.

BACKGROUND: The Public Engagement Plan (PEP) is a required planning document detailing how the RRTPO seeks public input and guidance when making key decisions about transportation for the region. The Public Participation Plan was last revised in 2016 and is scheduled for review and update in the FY20 Unified Planning Work Program (UPWP).

As introduced last month, the former Public Participation Plan has been reworked to include best practices drawn from a wide selection of MPOs. The draft plan is more public-facing than past plans and offers guidance for residents interested in being involved in regional transportation planning rather than being internally focused. The Public Engagement Plan defines three broad goals for public participation: (1) Robust and Creative Opportunities to Engage, (2) Informing and Educating the Public, and (3) Continuous Evaluation and Improvement. These broad goals each include recommended strategies, a set of measures to track, and definitions of success based on the measures.

The revised plan includes timelines and defined comment periods for a range of planning processes that have not been defined in previous Public Participation Plans, including development of the UPWP, regional funding allocations, and consultant-led projects. The amended plan also requires staff to develop a guide to being involved for each Long-Range Transportation Plan development process and for other plans as needed. The goal of these changes is to increase public awareness of opportunities to be involved and to foster a more community-oriented planning process.

Finally, the plan provides a matrix of nearly 30 engagement tools which can be used for any project. For each tool, the plan indicates whether it can be used to educate the public about transportation issues and the planning process, to promote the RRTPO and its work, or to engage the public and obtain feedback and input. This approach allows flexibility in developing plan-specific engagement strategies while still providing general guidance for all engagement activities.

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

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board open a 45-day comment period for public review and input on the proposed Public Engagement Plan as required by federal code (23 CFR § 450.316) and by the current Public Participation Plan.

Attachment by digital link: [Draft Public Engagement Plan](#)

TAC AGENDA 11/12/19; ITEM 10.

FY21 UNIFIED PLANNING WORK PROGRAM (UPWP) PRIORITIES

Richmond Regional Transportation Planning Organization

DISCUSSION ITEM: Request the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) to review, consider, make suggestions for and provide concurrence on priorities for work tasks to be incorporated in the FY21 Unified Planning Work Program (UPWP).

BACKGROUND: The FY21 UPWP is the RRTPO budget and work program for the upcoming fiscal year which begins on July 1, 2020 and concludes on June 30, 2021. Activities programmed in the UPWP address federal and state planning and programming requirements and address regional transportation planning issues and needs. Additionally, the UPWP addresses federal and state RRTPO planning and programming requirements which are required as a condition for the state and region to remain eligible for federal-aid highway and transit funds. The funding sources supporting the RRTPO program activities come from federal, state, and local funds.

The FY21 UPWP will continue to be organized with focus on four core program areas: Program Support and Administration, General Development and Comprehensive Planning, Long-Range Transportation Planning, and Short-Range Transportation Planning. Program Support and Administration is the policy, management and operations platform that supports the remaining three program areas. The program objectives, work elements, responsibilities, budgets, products and schedules are included within each core program area. In addition to grouping work tasks into four core areas, the UPWP also shows connections to the PlanRVA Rural Transportation work tasks.

Funding Sources

The two primary funding sources supporting the work program are FHWA/PL funds and FTA Section 5303 funds. These funds are matched by state and local sources on an 80% federal (FHWA and FTA) 10% state (VDOT and DRPT), and 10% local (RRPDC member dues and RRTPO special assessment) basis. Additional funding has been available in prior years through FHWA/RSTP which fund consultant planning to address work program priority projects. These funds are matched by state sources with 80% federal funding (FHWA) and 20% state funding (VDOT). The FHWA/PL and FTA/5303 funding allocations are anticipated to be confirmed in spring 2019. These combined fund sources will be used to develop a preliminary budget that will be presented to the RRTPO for approval.

The TAC typically begins discussion each year in November regarding high level priorities which gives guidance to staff in building out a draft work program in greater detail for review and reconciliation with available funding in the spring. In order to stimulate some discussion and to set a general discussion to keep the development of the FY21 UPWP on target, the following priorities were collected based on prior year priorities and current year discussions at RRTPO meetings.

Potential Work Program Priorities

Review with intention all recommendations of the Richmond, VA TMA Certification Review, Advance where appropriate activities that received commendation and Continue compliance with and implementation of FAST Act and Other USDOT Priorities

- Review and address recommendations following the August 2017 federal certification review.
- Identify commendations which should be incorporated as ongoing activities and priorities.

Continuation of Existing Work Efforts

- Continue to strengthen the Regional Travel Demand Model to support transportation planning, research and analysis, including small area, sub-area, corridor and scenario planning tasks
- Advance the recommendations from prior year studies (Regional Park and Ride Study, Transit Vision Plan Short-Range Priorities, Complete Streets Pilot Project, etc.) into project applications, policies or other planning efforts
- Continue advancing the regional Ashland to Petersburg Trail route with local, regional, state and national partners and evaluate opportunities for funding.
- Continue development of the Long-Range Transportation Plan (Connect RVA 2045) including Issues Identification, Project Alternative Development, Recommended Projects, and Project Investment Evaluation and Priorities.
- Re-tool public engagement and outreach for the RRTPO and ensure compliance with Title VI, Environmental Justice and Low Literacy/Limited English Proficiency requirements.

FY21 Focal Areas

- ***Transportation investments to capitalize on regional commerce, workforce mobility and accessibility.*** This work effort will include planning activities involving freight, transit, multimodal connectivity, and equity.
- ***Expanding access to transit through multimodal connectivity.*** This work effort will include planning activities focused on development of a regional bicycle and pedestrian plan and further refinement of regional transit priorities. The regional bicycle pedestrian plan will coordinate with priorities of the RRTPO Active Transportation Work Group and transit priorities will be coordinated between GRTC and RRTPO leadership.
- ***Increasing opportunity for residents of the region to engage in public planning processes.***
This work effort will include strategies to increase engagement and participation of residents and stakeholders of the region in regional transportation planning efforts.
- ***Identify strategies for improving identified performance measures including Safety and Security, Congestion Mitigation and System Reliability, Freight Mobility, Multimodal Connectivity and Access to Employment.*** This work effort will include coordination with other regional partners to identify creative projects and solutions for desired transportation outcomes in the Region.

TAC AGENDA 11/12/19; ITEM 12.

Upcoming TAC Future Meeting Topics

December 10

- SMART SCALE Projects Review

January 14

- Draft FFY 21 – 24 Transportation Improvement Program (TIP)
- FY21 Unified Planning Work Program Priorities
- FY21 – FY26 RSTBG and CMAQ: Preliminary Report
- Regional Bicycle and Pedestrian Plan Update

February 11

- FY21 – FY26 RSTBG and CMAQ: Existing Projects Recommendation
- Draft Public Participation Plan

March 10

- FY21 –22 Transportation Alternatives Set-Aside Projects
- FY21 – FY26 RSTBG and CMAQ: New Projects Recommendation

Future Meeting Topics

- Long-Range Transportation Plan (LRTP) Update
- VTrans Statewide Transportation Plan Update
- Planning for Connected and Autonomous Vehicles and 5G
- East Coast Greenway