

# AGENDA

**RICHMOND REGIONAL  
 TRANSPORTATION PLANNING ORGANIZATION  
 TECHNICAL ADVISORY COMMITTEE**

**Tuesday, April 9, 2019**

**9:00 a.m.**

**Richmond Regional Planning District Commission Board Room**

**CERTIFICATION OF QUORUM**

|  | <b>Page(s)</b> |
|--|----------------|
| <b>1. Approval of Meeting Agenda</b><br><i>(Pompei)</i> .....<br><i>Action Requested</i>   | –              |
| <b>2. Public Comment Period</b><br><i>(Pompei/5 minutes)</i> .....   | –              |
| <b>3. Approval of March 12, 2019 TAC Meeting Minutes</b><br><i>(Pompei)</i> .....<br><i>Action Requested</i>   | 1 – 5          |
| <b>4. TAC Chairman’s Report</b><br><i>(Pompei)</i> .....   | –              |
| <b>5. RRTPO Update</b><br><i>(Parsons/10 minutes)</i> .....<br>a. RSTP and CMAQ RRTPO Policy Board Action<br>b. Current Work Efforts Update<br>c. Website Update | 6              |
| <b>6. SMART SCALE: Next Round Perspective</b><br><i>(Chad Tucker, VDOT/20 minutes)</i> .....   | –              |
| <b>7. FY20 – FY25 RSTP and CMAQ Recommendation</b><br><i>(Parsons/ VDOT/45 minutes)</i> .....<br><i>Action Requested</i>   | 7 – 9          |
| <b>8. VDOT TIP Amendment Requests</b><br><i>(Parsons/10 minutes)</i> ..... <i>Will be e-mailed separately</i><br><i>Action Requested</i>                         |                |

|  |                             |
|--|-----------------------------|
| <b>9. FY19 Unified Planning Work Program Budget Amendment</b><br><i>(Parsons/10 minutes)</i> ..... | Will be e-mailed separately |
| <i>Action Requested</i>  |                             |
| <b>10. FY20 Unified Planning Work Program</b><br><i>(Parsons/10 minutes)</i> .....                 | Will be e-mailed separately |
| <i>Action Requested</i>  |                             |
| <b>11. Ashland to Petersburg Trail Update</b><br><i>(Parsons/5 minutes)</i> .....                  | -                           |
| <b>12. TAC Open Comment</b><br><i>(TAC members)</i> .....  | -                           |
| <b>13. Future Meeting Topics</b><br><i>(Pompei)</i> .....  | 10                          |
| <b>14. Next TAC Meeting: May 14</b><br><i>(Pompei)</i> .....                                       | -                           |
| <b>15. Adjournment: Scheduled for 10:45 a.m.</b><br><i>(Pompei)</i> .....                          | -                           |

CAP/SA/sr  
Attachments

pc: Patricia S. O'Bannon, RRTPO Chairman  
Ivan Rucker, FHWA  
Melissa McGill, FTA  
Jennifer DeBruhl, DRPT

David Hyder, Tri-Cities MPO  
Martha Shickle, RRPDC  
TAC Interested Parties  
Area News Media

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

**MINUTES OF MEETING  
March 12, 2019**

**MEMBERS PRESENT**

Andrew Pompei (**Chairman**) ..... Powhatan County  
Barbara K. Smith (**Vice Chairman**) ..... Chesterfield County  
Nora D. Amos ..... Town of Ashland  
Myles Busching ..... Charles City County  
Dironna Moore Clarke ..... City of Richmond  
Thomas Coleman ..... Goochland County  
Tiffany Dubinsky ..... DRPT  
E. Todd Eure ..... Henrico County  
Kelli Le Duc ..... New Kent County  
John O’Keeffe (Alternate) ..... RideFinders  
Chet Parsons ..... RRPDC  
Mark Riblett ..... VDOT  
Joseph E. Vidunas ..... Hanover County  
Garland W. Williams ..... GRTC Transit System

**MEMBERS ABSENT**

John B. Rutledge ..... CRAC  
Theresa Simmons ..... RMTA  
Von S. Tisdale ..... RideFinders

**ALTERNATE MEMBER PRESENT – NOT VOTING**

Sulabh Aryal (Alternate) ..... RRPDC  
Travis Bridewell (Alternate) ..... City of Richmond

**Certification of Quorum**

Andrew Pompei, TAC Chairman, called the March 12, 2019 TAC meeting to order at 9:00 a.m. and Chet Parsons, RRTPO Secretary, certified that a quorum was present.

**1. Approval of Meeting Agenda**

On motion of Garland Williams, seconded by John O’Keeffe, TAC unanimously approved the February 12, 2019 TAC meeting agenda as presented.

**2. Public Comment Period**

There were no requests to address TAC.

**3. Approval of February 12, 2019 TAC Meeting Minutes**

On motion of Myles Busching, seconded by Garland Williams, TAC unanimously approved the February 12 TAC meeting minutes as presented.

**4. TAC Chairman’s Report**

Chairman Pompei had nothing to report.

**5. RRTPO Update**

Chet Parsons, RRTPO Secretary, reported on the following items:

- a. Richmond/Tri-Cities MOU Status – The MOU is fully executed with all signatures and has been submitted to FHWA and FTA.
- b. Socioeconomic Data Update – Sulabh Aryal, RRTPO Planner, said the socioeconomic data update process began last April and TAC approved the base year data in November. Work is in progress on future year 2045 data. He explained the top down approach being used to establish population and employment first; all other data is population dependent. Locality-approved population data has been received from most localities. Total population has decreased in the Richmond Region from 2040 to 2045 according to Weldon-Cooper; Richmond was the only locality showing an increase. Chumara Economics and Analytics is producing employment projection data.

The population and employment data will be distributed to TAZs. Once this is completed, the land use data fits into the travel demand model and the data is used for trip generation data in the future year data. This data provides a predictor of where the growth will occur to assess the impacts on the travel. One more local government needs to confirm in order to move forward with this work.

- c. Other – Mr. Parsons had no additional items to address.

## **6. FY20 – FY25 RSTP and CMAQ Recommendation**

Chairman Pompei noted copies of the latest version of the RSTP and CMAQ tables were available; these tables were e-mailed out late Monday afternoon. Action would be requested following discussion.

Chet Parsons, RRTPO Secretary, thanked Mark Riblett, Jasmine Amanin and other VDOT staff for their work in finalizing these tables. He said the tables are consistent and comprehensive in terms of looking at past allocations in previous year and all the types of analysis that had to be done this time based on CMAQ rescission potential and other impacts to the funding allocations. Mr. Riblett summarized how the tables were put together trying to make sure selected projects were fully funded as funding would be needed. They looked carefully at transfers and discovered previous money on the table allowing new projects to be brought in that could be started quickly. Impacts to previous money were highlighted in yellow and noted as a transfer. TAC review for absolute accuracy is important prior to entering the data into the GENMOD system for inclusion in the Six-Year Improvement Program for CTB approval. It is important obligate everything in previous and allocate everything in year one. There is room in future years for cost increases.

There was significant TAC discussion and questions including changes for specific projects, discrepancies in previous allocations, closeout balances, a mislabeled project, the need for jurisdiction blocks on the CMAQ table and other possible changes. Comments regarding tweaks to the RSTP and CMAQ tables were due to Chet Parsons by Friday [March 15] for submission to VDOT. The final version will be shared with TAC.

On motion of Barbara K. Smith, seconded by Thomas M. Coleman, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) voted unanimously to recommend RRTPO policy board approval of the RSTP and CMAQ tables with changes as discussed by TAC.

There was a request for the project rankings to be made available to TAC members and Mr. Parsons said he would send that out on Friday [March 15].

## **7. Roadway Classification Requests: Powhatan County**

TAC Chairman Andrew Pompei presented this item as the Powhatan TAC representative. He said there was one new roadway recently completed in eastern Powhatan, Carter Gallier Boulevard, and the Powhatan County would like that road to be classified by VDOT and FHWA as a collector. The new road connects Route 60 with Page Road and Luck Stone Road which was recently accepted into the state system. The county would also like Luck Stone Road classified as a collector. The preference would be for both roads to be classified as major collectors.

On motion of Joseph E. Vidunas, seconded by Thomas M. Coleman, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee voted unanimously to recommend RRTPO policy board approval of the following resolutions:

**RESOLVED**, that following an adopted resolution by the Powhatan Board of Supervisors at their February 25, 2019 meeting, the Richmond Regional Transportation Planning Organization requests that the Federal Highway Administration classify the segment of State Route 1343 (Carter Gallier Boulevard) between U.S. Route 60 (Anderson Highway) and State Route 1351 (Luck Stone Road) as a major collector.

and

**RESOLVED**, that following an adopted resolution by the Powhatan County Board of Supervisors at their February 25, 2019 meeting, the Richmond Regional Transportation Planning Organization requests that the Federal Highway Administration classify State Route 1351 (Luck Stone Road) as a major collector.

## **8. Transit Vision Plan – Phase II Task Order**

Barbara Jacocks, RRPDC planner, reviewed action at the February 12 TAC and March 7 RRTPO policy board meetings to amend the description of work task 2.31 Transit 2040 Implementation and Transit Oriented Development, item a., to add “Phase II Implementation, analysis of **transit2040** to define and assess strategic priorities for short- and medium-term actions that can fully set in motion the long-term vision of **transit2040**.”

Ms. Jacocks reported that RRTPO staff worked with locality and agency staff representatives to draft the Request for Proposal (RFP) included in the TAC agenda packet. TAC was requested to provide comments on the draft RFP; to recommend that staff issue the Request for Proposal to the four Department of Rail and Public Transportation (DRPT) bench consultants; and to form a Selection Committee that would select a consultant to perform the work in time for a May 1 work start date and October 31 completion date.

TAC discussion brought forward the following major points:

- A request was made to change item 6.3 where consultants are asked to evaluate several things, to add a sentence telling them what it is they are to be looking at particularly for land use.
- Under Phase II purpose, the map is a bit fuzzy and small.

- Item 5 about project management spells out the composition of the steering committee for the Phase II plan.
- One of the jurisdictional members from TAC, Tiffany Dubinsky from DRPT, Garland Williams from GRTC, and two RRTPO staff members would form the Consultant Selection Committee.
- Prior source documents should be made clear in the RFP.

On motion of Dironna M. Clarke, seconded by Garland W. Williams, the Richmond Regional Transportation Planning Organization (RRTPO) voted unanimously to request that RRTPO staff issue the Request for Proposal to the Department of Rail and Public Transportation bench consultants and work with a Selection Committee formed by the RRTPO Technical Advisory Committee (TAC) to select a consultant to perform the work.

### **9. SMART SCALE Round 3: TAC Comments**

Chet Parsons, RRTPO Secretary, noted the list of TAC member comments received on pages 22 and 23 of the agenda package for TAC review. Mr. Parsons said he wanted to be certain these comments are complete and reflective of what TAC would like to go to the RRTPO policy board on April 4. Mr. Parsons will group or combine related comments, summarize as appropriate. There was significant discussion on the comments and on the Round 3 SMART SCALE process which yielded revisions, additional comments and discussion about how to fund high dollar value regional projects such as the I-64 widening project.

Mr. Parsons said he would revise the comments, reformat them for the RRTPO agenda package and submit a draft to TAC for final review.

### **10. Park and Ride Update**

Barbara Jacocks, RRPDC planner, reported that the Park and Ride Study Steering Committee met to consider future conditions that will help in prioritizing areas where park and ride lots are most needed. The technical memo outlining that, the criteria and data points that were used and additional qualifying factors offered by the committee were submitted to the steering committee last Wednesday. There were 11 need areas identified within the region. Steering committee members are being requested to submit information on that technical memo by March 20. Additionally, any assistance localities can provide identifying publicly owned parcels within those areas by March 29 would be appreciated. The steering committee would like to begin to look at where there are specific areas most suitable for park and ride in the future. The next meeting is April 15 to bring this all together and better define next steps.

### **11. TAC Open Comment**

TAC members made comments as follows:

- Nora Amos said there will be a public meeting on March 26, 5:00 to 7:00 p.m., at Maggie Walker High School for a presentation on the Ashland to Petersburg Trail. The website for this study is now live.
- Garland Williams reported that the GRTC Board of Directors will meet on March 19 at 8:00 a.m.

### **12. Future Meeting Topics**

Chet Parsons noted the last page of the agenda package and reviewed the topics listed for the next meeting including an update on the Richmond Tri-Cities model.

The Active Transportation Work Group will have a presentation on Automated Vehicles in May Vehicles.

**13. Next TAC Meeting: April 9**

Chairman Pompei noted the next TAC meeting is scheduled for April 9, 2019 at 9:00 a.m.

**14. Adjournment: Scheduled for 10:45 a.m.**

Chairman Pompei adjourned the meeting at 10:30 a.m.

## **Current Work Efforts Update**

### **Transit Vision Plan Phase II Task Order RFP Update**

A request for proposal (RFP) was issued on March 14 to the four Virginia Department of Rail and Public Transportation bench consultants with a response deadline of Friday, March 29. The request asked for scope and fee to conduct a strategic technical analysis as Phase II of the Greater RVA Transit Vision Plan accepted and endorsed as *transit2040* by the RRTPO policy board in April 2017. A proposal review team made up of staff from the RRTPO, localities, GRTC and DRPT, will select a consultant team to complete the task order by December 31, 2019.

### **Park and Ride Study Advisory Group (SAG)**

**Tuesday, April 16, 1:00 – 3:00**

#### **RRPDC Board Room**

At this third meeting, the Study Advisory Group will discuss site specific opportunities and priorities for park and ride lots within the 11 needs areas identified for the region through a data driven process with the SAG in the first 4-months of this study.

### **Ashland Trolley Line Trail Advisory Group Meeting**

**Tuesday, April 23, 1:30 – 3:30**

#### **Hanover County Courthouse**

An organizational meeting for the advisory group will be facilitated by the National Park Service through their Rivers, Trails and Conservation Assistance (RTCA) Virginia program. The focus of this study effort is identifying the potential for a 14-mile multi-use trail using an abandoned trolley line corridor and other rights-of-way to link the Town of Ashland through Hanover and Henrico counties to the northern edge of the City of Richmond.

### **Complete Streets Project Update and Workshop**

**Thursday, April 25, 8:00 – 5:00**

#### **Ashland Town Hall in Council Chambers**

The Complete Streets project is a comprehensive region-wide analysis of specific design practices and principles that make a street function effectively for all users and modes of travel. The project kicked off in February and will be completed in early October 2019. Smart Growth America and Michael Baker International will lead this all-day workshop with an initial focus on the Town of Ashland. Due to its urban, suburban and rural character, Ashland is a representative pilot project for consideration of complete streets principles in the region. This workshop is open to all locality elected, appointed and staff and bike/ped advocates. There is room for 40 attendees; please RSVP to Phil Riggan, [priggan@richmondregional.org](mailto:priggan@richmondregional.org) or 323-2033.

### **RRTPO Active Transportation Work Group Meeting**

#### **Presentations on the Future of Automated Vehicles**

**May 14, 11:00 a.m. – 12:30 p.m.**

#### **RRPDC Board Room**

The Richmond Regional Transportation Planning Organization (RRTPO) Active Transportation Work Group will meet to hear presentations from three experts on the future of automated vehicles and how they may interact with non-motorized vehicles, bicycles and pedestrians. Presenters are from VDOT, the University of Virginia, and Kapsch TrafficCom USA; time will be provided for questions and answers. The meeting is open to the public.

## TAC AGENDA 4/9/19; ITEM 7.

### FY20 – FY25 RSTP AND CMAQ RECOMMENDATION

#### Richmond Regional Transportation Planning Organization

**REQUESTED ACTION:** Review and recommend project selections and allocations for FY20 - FY25 Regional Surface Transportation Program (RSTP) and Congestion Mitigation and Air Quality (CMAQ).

The total funding requested for the FY20 – FY25 RSTP and CMAQ cycle is \$94.8 million and the available allocations totaled \$28.5 million, including funding the regionwide contingency.

**BACKGROUND:** The RRTPO has lead authority in selecting and allocating RSTP and CMAQ funds. The RSTP funds are allocated by federal formula to the Richmond Urbanized Area, while CMAQ funds are allocated by federal formula to the state and then sub-allocated by state formula to current or previously EPA-designated non-attainment and maintenance areas.

The RSTP and CMAQ allocation process begins in September and takes approximately six months from project solicitation and review to the final recommendation. An overall goal of the process is to maximize available allocations to meet regional needs and to support the VDOT federal strategy. The process involves active participation of RRTPO partners, including local jurisdictions, regional transportation agencies, VDOT Richmond District and DRPT.

The selection and allocation process gives priority consideration to funding existing projects which are underway or ready to advance. Following review of the existing projects with local jurisdictions and agencies, consideration is then given to funding new projects meeting regional needs and based on the competitive project selection process. The application period for submitting new candidate projects for the FY20-FY25 allocation cycle was September 11, 2018 through November 1, 2018.

All new candidate projects were reviewed and scored by a work group including VDOT and RRTPO staff. The ranking is one of the factors used to develop the allocation recommendation and it is balanced with a review of the project schedule, the progress that the applicant is making in advancing projects and programming the funds to maximize the VDOT federal strategy. The adopted guidelines also state that when considering requests for new projects, the applicant's current projects will be considered along with the applicant's record of progress in completing existing projects.

The RRTPO allocation process is consistent with the VDOT recommended process: allocate for six-years; allocate based on anticipated obligation/expenditure; and cover deficits on existing projects, fully funding the next phase and lastly, funding new project phases or new projects.

In preparation for the project review and selection review process, all jurisdictions and agencies were invited to meet individually and review the project status (scope, schedule, cost estimate, funding needs) with the RRTPO, VDOT and DRPT staff. The baseline for this review was a by-jurisdiction/agency spreadsheet representing all "active" projects identified on the RRTPO allocation tracking sheets that have not advanced to final financial closeout.

Due to staffing turnover during this year's review and allocation cycle, VDOT staff volunteered their services to provide assistance with this year's RSTP/CMAQ allocation process. Through

their dedication, the process was able to move forward with critical emphasis on transfers, syncing allocation years with project schedules, and addressing rescission threats for member government projects.

### Allocation Projections

The final FY20 – FY25 allocation projections were received from VDOT have been distributed electronically to TAC membership. The projections are nearly consistent with the allocations for the FY19 – FY24 cycle with a 1.07% increase in RSTP funding and a 1.94% increase in CMAQ funding over the six-year allocation period.

### Selection and Allocation Process Timeline

1. *Project Solicitation:* The application period was from September 11 to November 1.
2. *Application Review:* A total of 31 RSTP applications and 19 CMAQ applications were received for the FY20 – FY25 RSTP and CMAQ cycle; applicant meetings were held in November. VDOT Location and Design participated in these meetings to review cost estimates and schedules and CMAQ applications were provided to VDOT Environmental Division for emissions reduction analysis. The application review process was completed in December; project scoring was completed in late February; the scoring tables were distributed to TAC membership electronically.
3. *Project Selection and Allocation Recommendation:* Existing project allocations were reviewed by TAC on February 12. VDOT and RRTPO staff reviewed the allocation recommendation for existing and new projects following that meeting. While this review did not change the total project allocations, it did result in shifts within fiscal years to align allocations with project schedules, transfer of funds between projects to meet the most urgent needs and address federal rescission threats. This review confirms that the allocation recommendation meets programming and federal strategy guidelines and objectives.
4. *Existing 6YR Allocation Action:* Following the March 12 TAC recommendation, the FY20 – FY25 RSTP and CMAQ allocations for four new projects with previous allocations will be scheduled for review and approval by the RRTPO policy board on April 4, 2019. This action will add these four new projects to the current VDOT Six-Year Program so that they can begin as soon as possible.
5. *Final Allocation Action:* Following the April 9 TAC recommendation, the FY20 – FY 25 RSTP and CMAQ allocations will be scheduled for final review and approval by the RRTPO policy board on May 2, 2019. Following RRTPO action, the projects and allocations will be included in the Commonwealth Transportation Board draft FY20 – FY25 Six-Year Improvement Program for CTB action in June.

**CTB CONSULTATION:** As CMAQ allocations function as a state-level sub-allocation the state requires that the RRTPO seek concurrence from the Richmond District CTB member. RRTPO staff is currently consulting with Richmond-District CTB representative Carlos Brown and information regarding the CTB consultation will be provided when available.

**STAFF RECOMMENDATION:** Review, discussion and recommendation on RSTP and CMAQ allocations for FY20 – FY25. A staff recommendation of projects and allocations is included in Attachment 1, RSTP Allocation Table, and Attachment 2, CMAQ Allocation Table. The staff recommendation considers ranking from the approved process, factoring in scoring,

project schedule, and the applicant's record of progress in completing existing projects, all with the goal of maximizing allocations to meet regional needs and to support the VDOT federal strategy.

Attachments (to be e-mailed separately)

- 1) Draft FY20 – FY25 RSTP Allocation Table
- 2) Draft FY20 – FY25 CMAQ Allocation Table

CAP/sr

## **TAC AGENDA 4/9/19; ITEM 13.**

### **Upcoming TAC Future Meeting Topics**

#### **May 14**

- Richmond Tri-Cities Model Update
- Election of FY20 TAC Officers
- Ashland Rail Safety Resolution
- Park and Ride Update

#### **June 11**

- 2045 Socioeconomic Data
- Park and Ride Investment Strategy Study Update

#### **Future Meeting Topics**

- Long-Range Transportation Plan (LRTP) Update
- Planning for Connected and Autonomous Vehicles
- Transportation Research Board (TRB) Presentation
- 5G
- East Coast Greenway
- Strategic Highway Safety Plan