AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE

Tuesday, October 12, 2021
9:00 a.m.

Zoom Meeting

This meeting is being held via Zoom and members of the public are welcome to attend virtually.

If you wish to participate in this meeting virtually, please register via Zoom at https://planrva.org.zoom.us/webinar/register/WN_mDdW6_KYRHGcW6EGJ0Hu3g

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

Meetings are also live streamed and archived on our YouTube Channel: www.youtube.com/c/PlanRVA.

WELCOME AND INTRODUCTIONS
(Le Duc)

ROLL CALL & CERTIFICATION OF A QUORUM
(Firestone)

1. Consideration of Amendments to the Action Meeting Agenda
   (Le Duc)

2. Approval of September 14, 2021, TAC Meeting Minutes – Page 3
   (Le Duc)
   Action Requested: Approval of minutes as presented.

3. Open Public Comment Period
   (Le Duc/5 minutes)

4. TAC Chairman’s Report
   (Le Duc/10 minutes)

5. RRTPO Update
   (Parsons/10 minutes)
   a. Fall Transportation Forum – Draft Agenda
   b. Current Work Efforts - Page 7
   c. Community Transportation Advisory Committee – Staff Report - Page 8

Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond
PlanRVA, 9211 Forest Hill Avenue, Suite 200, Richmond, VA 23235
RRTPO TAC Agenda –page 1
6. **DRPT Transit Equity and Modernization Study** – Page 10  
   (Dubinsky/20 minutes)  
   **Information Item**

7. **FY21 – FY24 TIP Amendment: VDOT Request**  
   (Busching/10 minutes – Materials to be sent separately)  
   **Action Item**

8. **Regional Bicycle & Pedestrian Plan Update**  
   (Riggan/20 minutes)  
   **Information Item**

9. **Transportation Agency Updates**  
   (VDOT, DRPT/10 minutes)  
   a. **DRPT – Dubinsky** – Page 27  
   b. **GRTC – Torres**  
   c. **RideFinders – O’Keefe**  
   d. **VDOT – McAdory** – Page 28

10. **Future Meeting Topics** – Page 29  
    (LeDuc/5 minutes)

11. **TAC Member Comments**  
    (LeDuc/5 minutes)

12. **Next Meeting: November 9, 2021**  
    (LeDuc)

13. **Adjournment**  
    (LeDuc)

CAP/jf

Attachments

pc: David T. Williams, RRTPO Policy Board Chair  
    Upton Martin, CTAC Chair  
    Richard Duran, FHWA  
    Daniel Koenig, FTA Liaison  
    Jennifer DeBruhl, DRPT  
    Ron Svejkovsky, Tri-Cities MPO  
    Martha Heeter, PlanRVA  
    TAC Interested Parties  
    Area News Media

Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond
PlanRVA, 9211 Forest Hill Avenue, Suite 200, Richmond, VA 23235
RRTPPO TAC Agenda –page 2
MEMBERS and ALTERNATES (A) PRESENT:

<table>
<thead>
<tr>
<th>Town of Ashland</th>
<th>Charles City County</th>
<th>Chesterfield County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nora D. Amos</td>
<td>X (vacant)</td>
<td>Barbara K. Smith</td>
</tr>
<tr>
<td>Vacant (A)</td>
<td></td>
<td>Chessa Walker (A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Goochland County</th>
<th>Hanover County</th>
<th>Henrico County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas M. Coleman</td>
<td>X Joseph E. Vidunas</td>
<td>X Sharon Smidler, FY22 Vice Chair</td>
</tr>
<tr>
<td>Mike Campbell (A)</td>
<td>J. Michael Flagg (A)</td>
<td>Todd Eure (A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Powhatan County</th>
<th>City of Richmond</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelli Le Duc, FY22 Chair</td>
<td>Dironna Moore Clarke</td>
</tr>
<tr>
<td>(vacant) (A)</td>
<td>Travis A. Bridewell (A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capital Region Airport Commission</th>
<th>DRPT</th>
<th>GRTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>John B. Rutledge</td>
<td>Tiffany T. Dubinsky</td>
<td>X Adrienne Torres</td>
</tr>
<tr>
<td>Grant Sparks (A)</td>
<td>Emily E. DelRoss (A)</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PlanRVA</th>
<th>RideFinders</th>
<th>RMTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chet Parsons</td>
<td>X Von S. Tisdale</td>
<td>Theresa Simmons</td>
</tr>
<tr>
<td>Sulabh Aryal (A)</td>
<td>X John O’Keeffe (A)</td>
<td></td>
</tr>
</tbody>
</table>

| VDOT | |
|------| |
| Liz McAdory | X |
| Nicole Mueller (A) | X |

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, Kelli Le Duc, presided and called the September 14, 2021, RRTPO Technical Advisory Committee meeting to order at 9:03 a.m.
ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM
Janice Firestone, 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 September 14, 2021, agenda was approved by acclamation as presented.

2. Approval of August 10, 2021, RRTPO TAC Action Meeting Minutes
   On motion of Nora D. Amos, seconded by Barbara K. Smith, the RRTPO Technical Advisory Committee unanimously approved the minutes of the August 10, 2021, meeting by acclamation (voice vote) as presented.

3. Open Public Comment Period
   There were no requests to address the Technical Advisory Committee.

4. TAC Chairman’s Report
   There was no report from Chair Le Duc.

5. RRTPO Update
   a. Fall Transportation Forum – Topic Review
      Chet Parsons, Director of Transportation, PlanRVA, reported that the forum is coming up November 4th. It will be held at the Independence Golf Club in Powhatan County. Possible topics are being explored, including Federal reauthorization, Fall Line updates and a celebration of the first year of the CVTA. Staff is seeking suggestions for other topics.
   b. Current Work Efforts
      Mr. Parsons gave this report and noted that he will be giving an update on the Long Range Transportation Plan (LRTP) during the ConnectRVA 2045 Update. Work is ongoing on the Bicycle and Pedestrian Plan Update and RRTPO Technical Advisory Committee recommendation for adoption will be sought in October or November, following the approval of the LRTP. The Ashland Trolley Line Study is moving forward. The Vision Zero Workgroup will meet on Thursday, September 16th. An update on the Regional Action Plan will be given.
   c. Community Transportation Advisory Committee (CTAC) – agenda preview
      Ken Lantz, Mobility Coordinator, PlanRVA, gave this report and explained that the committee will meet on Thursday, September 16th. A presentation from the Virginia Tech Transportation Institute on heavy trucks will be given. Robin Payne, Program Coordinator, Marketing Director & Office Manager for Drive To Work will give a presentation on that program. CTAC membership vacancies will be discussed as well.

6. ConnectRVA 2045 Update
   Mr. Parsons provided this update. A copy of the presentation can be found at ConnectRVA 2045.
On motion of Sharon Smidler, seconded by Barbara K. Smith, the RRTPO Technical Advisory Committee (TAC) unanimously approved recommending Policy Board approval of the ConnectRVA 2045 plan with the condition that additional feedback that may be received during the public comment period be taken into consideration. (see Appendix A),

7. **TIP Amendment – VDOT Request**

Myles Busching, Planner, PlanRVA, provided an overview of the request received from VDOT. A copy of the presentation and packet materials can be found at [TIP Amendment – VDOT Request](#).

On motion of Thomas M. Coleman, seconded by Liz McAdory, the RRTPO Technical Advisory Committee (TAC) voted unanimously to recommend RRTPO Policy Board approval of the following resolution as presented (see Appendix A):

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

**BE IT FURTHER RESOLVED**, that this project is considered exempt from conformity under provisions contained in section 93.126 of the conformity rule as follows:

One New Project:
- UPC 118147: IJR – Route 288 (West Creek Area) from Broad Street Road to Tuckahoe Creek Parkway – Goochland County; Study

8. **Transportation Agency Updates**

a. **DRPT**

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

b. **GRTC**

Emily DelRoss, GRTC, reported that the GRTC Board meeting will be held on September 21, 2021, at 8:00 a.m. The Micro Transit Study and the Regional Public Transportation Plan projects have kicked off. They will be reaching out to jurisdictions for stakeholder coordination.

c. **RideFinders**

A copy of the RideFinders update provided by John O'Keeffe, Account Executive at RideFinders, can be found at [RideFinders Update](#).

d. **VDOT**

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

9. **Future Meeting Topics**

No future meeting topics were discussed.
10. TAC Member Comments
   There were no comments from TAC members.

11. Next Meeting: October 12, 2021
    Chair Le Duc noted the next regular RRTPO TAC action meeting will be held on
    October 12, 2021, beginning at 9:00 a.m. She informed the group that she will not
    be present for that meeting. Vice Chair Smidler will chair the meeting in her
    absence.

12. Adjournment
    Chair Le Duc adjourned the meeting at 10:05 a.m.

CAP/jf
Current Work Efforts Update – Item 5.-b.

ConnectRVA 2045 Long-Range Transportation Plan
Staff time in August and September has been primarily focused on the completion of the ConnectRVA 2045 plan. The ConnectRVA 2045 draft document was completed, incorporating technical reports. Staff participated in an active in-person and virtual public engagement process from August 16 through September 15 where a mix of in-person and virtual opportunities were provided for members of the public to learn about the plan and provide feedback. The Director of Transportation has been visiting with each member government as it suits to share an update on the planning process.

Ashland Trolley Line Trail Study
Staff continues to work with the National Park Service's Rivers Trails and Conservation Assistance Program to explore the opportunity for adding the skills of an NPS public historian for greater interpretation of the trolley line’s former role in community connections through signage and self-guided walking tours. Staff attended a field trip to the corridor with NPS staff in September. Two storymaps for the project illustrate the importance and potential for the 14-mile Trolley Line Trail, now a segment of the Fall Line Trail, and include history of the trolley line and a design sketchbook.

Regional Bicycle and Pedestrian Plan Update
The draft plan entitled BikePedRVA 2045 is being prepared concurrently with ConnectRVA 2045 as a major update to the 2004 Richmond Regional Bicycle and Pedestrian Plan. The Complete Streets toolbox or illustrated story map continues to be updated as one resource intended to implement BikePedRVA 2045. The current schedule calls for the plan to be considered for adoption in the fall of 2021.

Active Transportation Work Group (ATWG)
In addition to the regular quarterly meetings, staff continues to support Henrico staff on the County’s ATWG and efforts to develop the bicycle and pedestrian chapter of the county’s comprehensive plan. Staff also assists the East Coast Greenway Alliance (ECG) on potential designations of segments of the future route of the trail through the Richmond region and during quarterly ECG council meetings.

Vision Zero Work Group
The RRTPO Vision Zero Work Group is working with VDOT and their consultant on a regional action plan. This action plan 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.
MEMORANDUM

To: Richmond Regional Transportation Planning Organization (RRTPO) Policy Board
   RRTPO Technical Advisory Committee
From: Kenneth Lantz, Jr., RRTPO Mobility Manager
Date: September 17, 2021
Subj: RRTPO Community Transportation Advisory Committee (CTAC) Meeting Report

The following is a brief report on major discussion items from the September 17, 2021 CTAC meeting.

**Drive to Work**

Robin Payne and Vicki Conley highlighted the background, mission and accomplishments of Drive to Work. The program, which is the only organization in Virginia addressing the driving needs of low income and previously incarcerated individuals, assist individuals in the restoration of their driver’s license. Since 2007 the program has served over 2400 clients and over 850 licenses have been restored. The program includes “How to Get Your License Back” Seminars, advocating for legislative changes, and a driving school.

**Automated Driving System Project**

Martin Walker of the Center for Truck and Bus Safety at the Virginia Tech Transportation Institute reviewed the Trucking Fleet Concept of Operations for Managing Mixed Fleets study. Dr. Martin noted that the goals of the study include demonstrating the safety of automatic driving system (ADS)-equipped trucks and how to integrate ADS-equipped trucks in a productive, cooperative way into the existing freight road ecosystem. Among the demonstrations undertaken was a week-long test of ADS equipped trucks which drove themselves while queuing to be loaded or unloaded at a West Coast port.

**Update on ConnectRVA 2045**

PlanRVA staff member Sulabh Aryal provided an update on ConnectRVA 2045, the regional transportation plan. Among the topics covered were the organization of the plan; the plan’s vision, goals, and objectives; the transportation issues identified for the region; the universe and cost-possible...
projects lists; and the impacts of the recommended projects on operations, safety, the environment, the economy, and accessibility.

**Next CTAC Meeting**

The next CTAC meeting is scheduled for Thursday, November 18, 2021.

KEL/nm
Virginia Transit Equity & Modernization Study

October 12, 2021

Tiffany Dubinsky, AICP
Statewide Transit Planning Manager, DRPT
Outline

• Study Overview
• Study Development Process
• Topic Areas
• Questions
Study Overview

*How did we get here?*

**HJ 542 (2021)**

- DRPT to complete a needs assessment focusing on the equitable delivery of transit services and modernization of transit in the Commonwealth

- Emphasis on transit services and engagement opportunities for underserved and underrepresented communities
Study Overview

How did we get here?

• In addition to “equity” and “modernization” the resolution requires DRPT to explore a wide variety of topics

• Key deliverables
  • December 2021: Interim Report
  • August 2022: Final Report
Study Overview

What will this study accomplish?
✓ Will identify transit agency, rider, and stakeholder needs
✓ Will develop an action plan to address those needs

What will this study not accomplish?
✗ Will not be an asset inventory
✗ Will not single-out transit agencies for poor performance, conditions, etc.
Study Development Process

- Project Administrator: DRPT
- Prime Consultant: Kimley Horn & Associates
- Sub-consultants:
  - Powerful Pathways
  - Sharpe & Company
  - WBA Research
  - Virginia Navigator
  - Connetics Transportation Group
  - IBI Group
  - Center for Transportation and the Environment
  - Interactive Elements Inc.
  - Virginia Transit Association
  - Trillium
Study Development Process

- Summer 2021: Data Collection
- Fall 2021: Needs and Opportunities Assessment
- Winter 2021-2022: Action Plan
- Spring 2021: Final Report
Study Development Process

- TDPs & TSPs
- Public Participation Plans
- Title VI Plans
- GIS/GTFS data
- Bus stop amenities data
- Capital Improvement Programs/Plans
- Public Transportation Agency Safety Plans (PTASP)
- TransAM data and other fleet data
- Transit Asset Management (TAM) plans

- NTD data
- Census data
- ADA accessibility data
- Emergency preparedness procedures
- Employee safety training manuals
- COVID-19 strategies and cleaning protocols
- DRPT Multimodal System Design Guidelines

Data Collection
- NTD data
- Census data
- ADA accessibility data
- Emergency preparedness procedures
- Employee safety training manuals
- COVID-19 strategies and cleaning protocols
- DRPT Multimodal System Design Guidelines
Study Development Process

Transit agency and public engagement activities will inform the development of a needs and opportunities assessment.

<table>
<thead>
<tr>
<th>Transit Agency Engagement Activities</th>
<th>Public Engagement Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transit Agency Survey</td>
<td>Study Website</td>
</tr>
<tr>
<td>Transit Equity Committee (TEC)</td>
<td>Stakeholder Meetings</td>
</tr>
<tr>
<td>Four (4) Technical Working Groups (TWGs)</td>
<td>Virtual Transit Equity &amp; Modernization Forum</td>
</tr>
<tr>
<td>Transit Equity Training</td>
<td>Transit Rider Focus Groups</td>
</tr>
<tr>
<td>Transit Agency Outreach Kit</td>
<td>Comment Database</td>
</tr>
<tr>
<td>Transit Agency Interviews</td>
<td>Board Briefings</td>
</tr>
</tbody>
</table>
Study Development Process

- Findings from the Needs and Opportunities Assessment will inform the development of a Study Action Plan.

- The Study Action Plan will include recommendations and implementation strategies that address barriers by topic area.

- The plan will describe specific actions, next steps, coordination required, timeline for implementation and responsible agencies.

**IMPORTANT:** We anticipate that the Study Action Plan will advise changes to DRPT funding programs and policies, and the development of future plans.
Study Development Process

• Due to General Assembly in August 2022
• Summary of the study process and findings, including an executive summary

Questions that we want answered:

What will it take to make the Commonwealth’s transit networks equitable and modern?

What can DRPT and other partners do to achieve this goal?
Four (4) Technical Working Groups (TWGs) will focus on the following topics:

- Accessibility & Adequacy of Infrastructure
- Emerging Technologies & Electrification
- Transit Safety
- System Engagement & Governance
Topic Areas

Four (4) Technical Working Groups (TWGs) will focus on the following topics:

- Accessibility & Adequacy of Infrastructure
- Emerging Technologies & Electrification
- Transit Safety
- System Engagement & Governance
Topic Areas

Four (4) Technical Working Groups (TWGs) will focus on the following topics:

- Accessibility & Adequacy of Infrastructure
- Emerging Technologies & Electrification
- Transit Safety
- System Engagement & Governance
Topic Areas

Four (4) Technical Working Groups (TWGs) will focus on the following topics:

- Accessibility & Adequacy of Infrastructure
- Emerging Technologies & Electrification
- System Engagement & Governance
- Transit Safety
Topic Areas

Four (4) Technical Working Groups (TWGs) will focus on the following topics:

- Accessibility & Adequacy of Infrastructure
- Emerging Technologies & Electrification
- Transit Safety
- System Engagement & Governance
Questions?

Tiffany Dubinsky
tiffany.dubinsky@drpt.virginia.gov

Grant Sparks
grant.sparks@drpt.virginia.gov
Agency Update
October 2021

Transit Equity and Modernization Study
- Baseline Conditions and Opportunities Assessment will be finalized in October.
- Four Technical Working Groups will be meeting for the first time in October with a total of four meetings scheduled between now and August 2022.
- The interim report is due to the General Assembly by December 2021 and final report by August 2022.
- Information on the study and its progress can be found at www.vatransitequity.com.

Transit Ridership Incentive Program
- The Transit Ridership Incentive Program (TRIP) is a new statewide grant program dedicated to improving transit’s regional connectivity in urban areas with a population in excess of 100,000 and reducing barriers to transit use by supporting low income and zero fare programming.
- Applications closed on September 17, 2021 with three Regional Connectivity projects and 10 Zero Fare projects for a total request of $13,400,955.
- Review and scoring of applications underway with tentative CTB presentation of draft recommendations in late October.
- Additional information is available on DRPT’s webpage at: http://www.drpt.virginia.gov/transit/trip-transit-ridership-incentive-program/

Virginia Passenger Rail Authority
- Expanded rail service from Richmond to the Northeast Corridor launched on September 27, 2021, with the return of Route 51 to service.
- Amtrak Northeast Regional Route 51 will now offer early morning service originating from Main Street Station and is the first expansion of service under the Transforming Rail in Virginia program.
- Additional information on VPRA can be found at: http://vpra.virginia.gov/
RRTP Policy Board Meeting  
October 4, 2021  
VDOT Richmond District Updates

CTB – September 2021 Meeting Update
• Workshop Presentations
  o Sustainability for Virginia
  o Maintenance and Operations Comprehensive Review
  o Policy for the Development of VTrans Long-term Risk & Opportunity Register
  o Project Pipeline
  o Interstate Operations and Enhancement Program (IOEP)
  o Transportation Revenues and Opportunities
• Action Meeting
  o Approval of the FY22 Interstate Operations and Enhancement Program (IOEP) Funding Scenario
    ▪ Includes the I-64 WB – Exit 181 – Parham Rd interchange improvements referenced in the requested TIP amendment
    ▪ Projects added to FY22-27 SYIP

CTB – Next Meeting: (VDOT Auditorium)
• Workshop Meeting on October 19th at 10:00am
• Action Meeting on October 20th at 9:00am

Local Programs Workshop
• VDOT’s Local Assistance Division will host the 2021 Local Programs Workshop on Oct. 26-28 at the Norfolk Marriott Waterside
  o Click link above for information and to register
  o SMART SCALE Portal and Pre-Scoping Workshop Demo

SMART SCALE – Round 5 (FY22 – FY27 SYIP)
• Round 5 will begin early 2022
• VDOT is beginning to work with local staff on application development

Fall Line Trail
• VDOT presented the most recent cost estimates at the last CVTA meeting on September 24th
• CTB approved allocation of $5M for Fall Line Trail pre-scoping and preliminary engineering efforts

Upcoming Public Hearings/Citizen Information Meetings
• There are currently no Public Hearings or Willingness to Hold Public Hearings in the RRTPO study area.
TAC AGENDA 10/12/21; ITEM 10.

TAC Future Meeting Topics*

Future Meeting Topics

- STBG / CMAQ Application Cycle
- DRPT – Virginia Statewide Rail Plan
- Smart Scale Round 5 Overview
- Scenario Planning
- Bike-Ped Plan Recommendation
- CVTA Project Prioritization Updates

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