

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE

Tuesday, August 9, 2022, 9:00 a.m.

Zoom meeting

This meeting is open to the public. Members of the public are invited to attend virtually.

For anyone who wishes to participate in this meeting virtually, please register via Zoom at https://planrva-org.zoom.us/webinar/register/WN_WwBSOZLQQIaZFSdeyfgcA

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

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

Welcome and Introductions

(Smidler)

Statement Regarding Virtual Meetings

(Parsons)

Roll Call & Certification of a Quorum

(Firestone)

1. Consideration of Amendments to the Meeting Agenda

(Smidler)

2. [Approval of July 12, 2022, TAC Meeting Minutes](#) – page 3

(Smidler)

Action requested: approval of minutes as presented

3. Open Public Comment Period

(Smidler/5 minutes)

4. TAC Chairman's Report

(Smidler/10 minutes)

5. RRTPO Update

(Parsons/Aryal/15 minutes)

a. [Current Work Efforts \(Parsons\)](#) – page 6

b. [CTAC Report \(Parsons\)](#) – page 9

c. [2050 Socioeconomic Data Workgroup -Update \(Aryal\)](#) – page 11

6. **Safe Streets for All Competitive Grant**
(Parsons /10 minutes)
 - a. **Local Project Endorsement – (Comprehensive Safety Action Plan) – Henrico County**
 - b. **RRTPO Project Application Endorsement (Route 1 (Bermuda Crossroads Ln - Route 10) Bike, Ped and Transit Improvements) – Chesterfield County** – page 12**Action Requested:** motion to recommend RRTPO Policy Board endorsement of the grant applications.
7. **SMART SCALE Round 5 – Goochland County Project Endorsement** – page 13
(Busching /10 minutes)
Action Requested: motion to recommend RRTPO Policy Board endorsement of the project.
8. **FY24 STBG/CMAQ Schedule** – page 16
(Busching /5 minutes)
9. **FY24 – FY27 TIP Development Schedule** – page 17
(Busching /5 minutes)
10. **Transportation Agency Updates**
(VDOT, DRPT/10 minutes)
 - a. **DRPT** – Dubinsky
 - b. **GRTC** – Torres
 - c. **RideFinders**
 - d. **VDOT** - Mueller
11. **Future Meeting Topics** – page 19
(Smidler/5 minutes)
12. **TAC Member Comments**
(Smidler /5 minutes)
13. **Next Meeting: September 13, 2022**
(Smidler)
14. **Adjournment**
(Smidler)

CAP/jf

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

MINUTES OF ACTION MEETING

Zoom Meeting

July 12, 2022

9:00 a.m.

MEMBERS and ALTERNATES (A) PRESENT:

Town of Ashland		Charles City County		Chesterfield County	
Nora D. Amos	X	Rhonda Russell		Barbara K. Smith	
Vacant (A)		Gary Mitchell (A)		Chessa Walker (A)	X
Goochland County		Hanover County		Henrico County	
Austin Goyne	X	Joseph E. Vidunas, FY23 Vice Chair	X	Sharon Smidler, FY23 Chair	X
Thomas M. Coleman (A)	X	J. Michael Flagg (A)		Todd Eure (A)	
New Kent County		Powhatan County		City of Richmond	
Kelli Le Duc	X	Bret Schardein	X	Dironna Moore Clarke	
		(vacant) (A)		Travis A. Bridewell (A)	X
Capital Region Airport Commission		DRPT		GRTC	
John B. Rutledge		Tiffany T. Dubinsky	X	Sam Sink	X
		Daniel Wagner (A)	X	Patricia Robinson (A)	X
PlanRVA		RideFinders		RMTA	
Chet Parsons	X	Von S. Tisdale		Theresa Simmons	
Sulabh Aryal (A)	X	John O'Keeffe (A)			
VDOT					
Liz McAdory					
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. A recording of this meeting is available on our [Plan RVA YouTube Channel](#).

STATEMENT REGARDING VIRTUAL MEETINGS

Chet Parsons, PlanRVA, shared the statement on virtual meetings.

CALL TO ORDER

The Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) Chair, Sharon Smidler, presided and called the July 12, 2022, RRTPO TAC 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

Seeing and hearing no objections, the agenda was approved by acclamation as presented.

2. Approval of June 14, 2022, Meeting Minutes

On motion of Joseph E. Vidunas, seconded by Chessa Walker, the RRTPO Technical Advisory Committee unanimously approved the minutes of the June 14, 2022, meeting 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 formal report from the Chair.

5. RRTPO Update

a. Current Work Efforts

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

b. 2050 Socioeconomic Data Workgroup -Update

Mr. Parsons shared the agenda for the July 13th workgroup meeting and gave an overview of the purpose of the group. Sulabh Aryal, PlanRVA, provided clarification that the 2017 population numbers will be used.

6. Transportation Agency Updates

a. DRPT

Tiffany Dubinsky, Statewide Transit Planning Manager at DRPT, provided an update on DRPT activities, which is posted with the [meeting documents](#).

Chet Parsons congratulated Jennifer DeBruhl for her official appointment as Director of DRPT.

b. GRTC

Sam Sink, GRTC, updated the committee members on the following:

- A construction contractor has been hired for the Temporary Transfer Plaza.
- The requisition for the North South BRT Study is in their procurement department. It is expected to be about a 12-month study effort.

- The FY23 program of work in the draft Essential Transit Infrastructure Plan has been approved by the GRTC Board; they've asked staff to revise the plan for future years to include essential infrastructure at 75% of GRTC stops.

c. RideFinders

An update on recent Ridefinders activity was provided prior to the meeting. The update is posted with the [meeting documents](#)..

d. VDOT

Nicole Mueller, Planning Specialist at VDOT, provided this update, which is posted with the [meeting documents](#).

7. Future Meeting Topics

Chair Smidler reviewed the future meeting topics.

8. TAC Member Comments

Chet Parsons reported that PlanRVA will need to find alternate meeting locations after the lease on the current office is up at the end of October. The new offices on Hull Street will not be ready until January 2023 at the earliest.

9. Next Meeting: August 9, 2022

Chair Smidler noted that the next regular RRTPO TAC meeting will be held on August 9, 2022, beginning at 9:00 a.m.

10. Adjournment

Chair Smidler adjourned the meeting at 10:02 a.m.

CAP/jf

Current Work Efforts Update – Item 5.-1.

Active Transportation Work Group (ATWG)

The next steps of the adopted BikePedRVA plan call for reconstituting the Active Transportation Work Group (ATWG) as an important driver for implementation working with the localities, agency representatives, and advocates. In addition to the reformation and regular ATWG meetings, staff continues to work with partners to advance the goals of Active Transportation in the region:

- Work continues with ECG on updates to designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff assisted ECG staff with a video project in the Richmond area on which the foundation was working.

Ashland Trolley Line Trail Study

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

Staff hosted a site visit on June 8 with NPS in the city of Richmond and local history team and met with members of the Richmond Parks and Recreation Department in early July in an effort to bring the interpretation of the history of Trolley Line Trail into Richmond. Two story maps for the project illustrate the importance and potential for the 14-mile Trolley Line Trail, now a segment of the Fall Line, and includes an updated story map of the [history of the trolley line](#) and a [design sketchbook](#).

Central Virginia Transportation Authority

Continued staff support for the daily function of the Authority. Supported meetings of the CVTA (Joint meeting with RRTPO and PlanRVA Commission), Finance Committee, Technical Advisory Committee and Fall Line Working Group. Specific administrative work tasks included meeting administration, coordination and review of June CVTA action. More information on specific CVTA actions can be found on the [CVTA meetings page](#).

Regional Bicycle and Pedestrian Plan Update

The *BikePedRVA 2045* plan adopted by the TPO Policy Board on May 5, 2022, has been refreshed as a central source of both document and related resources as a [BikePedRVA 2045 Information Hub](#) which includes:

- BikePedRVA 2045 story map
- Community Engagement Report story map
- Interactive Map showing bikeways, sidewalks, proposed projects, transit infrastructure, barriers, demographics, crash data, and more
- BikePedRVA 2045 (PDF)
- Community Engagement Report (PDF)

The information hub is designed to keep related materials organized and accessible while providing shared navigation. It will be updated periodically with new data and resources.

PlanRVA staff will work closely with partner agencies and localities on the Complete Streets toolbox or illustrated [story map](#) to update it as one resource intended to implement *BikePedRVA 2045*.

Public Transportation Services

- Meeting attendance/participation:
 - VAMPO Board of Directors – June 6.
 - Tri-Cities MPO – June 23.
 - GRTC Board of Directors – June 21.

Elderly and Disabled Outreach

- Participated in the June 16 meeting of the New Kent Community Health Assessment Steering Committee at the New Kent Visitors and Commerce Center. Primary meeting topics included a review of the results of the list of community assets and resources; a visioning activity related to the components of a healthy community and the outlook for the local public health system; and a review of the draft community health assessment survey. Followed up by reviewing and providing written comments on the survey to Emily Hine, the Chickahominy Health District Community Health Coordinator.
- Participated in the June 21 National Aging and Disability Transportation Center (NADTC) virtual equity stakeholder meeting for urban and suburban areas. The forum featured a discussion of the findings of a transportation diversity, equity, and inclusion conducted for NADTC in early 2021. Among the survey findings were both diverse older adults and younger adults with disabilities need transportation to get to medical/dental appointments, the supermarket/store, the pharmacy and to visit with family/friends; the use of public transportation by diverse younger adults with disabilities and older adults declined by about half due to the COVID-19 pandemic; and diverse younger adults with disabilities and older adults face numerous transportation barriers.

Public Outreach & Equity Analysis

- Participated in several community events including the Multicultural Fest-Imagine 2022, ¿Qué Pasa? Festival, and Flying Squirrels community night to increase awareness about ConnectRVA 2045 Plan, BikePedRVA 2045 Plan, and increase public participation in transportation initiatives.
- Implemented community outreach tactics and submitted announcements to digital & print media to publicize the joint annual meeting for RRTPO, PlanRVA, and the CVTA
- Published first [Better Together Connector](#) newsletter for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in the June 16 “Better Together” webinar which featured remarks by Michael Smith of the Richmond Memorial Health Foundation and Ira Goldstein of the Reinvestment Fund concerning the development and use of the Richmond region Market Value Analysis.

- Continued community outreach regarding upcoming decisions, public engagement opportunities, and work that is being undertaken in each of the nine jurisdictions.

Walkable City Harvard University Graduate School of Design Executive Education Course

- PlanRVA staff attended a comprehensive two-day course on the most effective arguments, techniques, and tools for reshaping places in support of walking, biking, and transit. Focus was on economic, epidemiological, and environmental benefits involved making a sustained investment in walking, biking, and transit in different types of communities. This course included planning, engineering, and government representatives and professionals from across the country and involved hands-on learning and groundwork including walk audits and a half-day mini-charrette centered on the redevelopment of a neighborhood of Somerville, Massachusetts.

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

- Staff serves on the steering committee for this study and participated in the Staples Mill Road Small Area Plan-Alternatives Public Meeting on June 30 and circulated the MetroQuest survey on proposed safety and operational improvements to 11 intersections for both vehicular and cyclists/pedestrians. The small area plan is expected to be completed in August 2022.

Socioeconomic Data Workgroup

- Coordinated creation of new workgroup, sought member jurisdiction representatives and developed agenda for initial meeting of the workgroup to be held in July.

MEMORANDUM

To: Richmond Regional Transportation Planning Organization (RRTPO) Policy Board
RRTPO Technical Advisory Committee
From: Kenneth Lantz, Jr., RRTPO Mobility Manager
Date: July 22, 2022
Subj: RRTPO Community Transportation Advisory Committee (CTAC) Meeting Report

The following is a brief report on major discussion items from the July 21, 2022, CTAC meeting.

Overview of State Transportation Funding Programs (*Danny Plaughner, Virginians for High-Speed Rail*). Danny Plaughner, Deputy Director of the Virginia Transit Association, provided an overview of transportation funding in Virginia. He noted that transportation funding in the state dates to 1923, when a \$.03 tax per gallon was instituted. In 2020-2021, the state gas tax was increased to \$0.262 per gallon and tied to inflation via the Consumer Price Index (CPI), and regional gas taxes tied to the CPI were also instituted. Mr. Plaughner noted that in addition to the sales tax on motor fuel, other state funding sources include license fees, sales and use taxes, retail sales and use taxes, insurance premium fees, and truck registration fees and road taxes. For FY23, the revenues flowing into the Commonwealth Transportation are expected to total \$4.621 billion. Mr. Plaughner noted that in addition to supporting highway maintenance (\$2.275 billion) and construction (\$2.186 billion), the state transportation dollars support the Commonwealth Mass Transit Fund (\$502,788,510), the Commonwealth Rail Fund (\$163,952,775), Commonwealth Port Fund (\$54,650,925), and Commonwealth Aviation Fund (\$32,790,555).

Overview of CVTA Funding (Lisa Guthrie, Virginia Transit Association). Lisa Guthrie provided a status update on funding provided by the Central Virginia Transportation Authority. As of June 2022, funding distributions included \$85.6 million to local projects; \$25.7 million to GRTC; and \$59.9 million to regional projects. For fiscal years 23-26 the Authority is projecting revenue of \$276.4 million. Ms. Guthrie noted that Authority has made a priority commitment to the Fall Line Trail, with a majority of the FY21 and 22 revenues being dedicated to this project. Ms. Guthrie also reviewed the CVTA's regional project selection framework, steps leading to project selection, and project eligibility criteria. She noted that the Authority has selected 30 projects for funding and has dedicated \$276.4 million. The Authority has also approved \$100 million for the improvement of I-64 outside of the regional project grouping.

Next CTAC Meeting

The next CTAC meeting is scheduled for Thursday, September 15, 2022.

KEL/

Socioeconomic Data Workgroup Update – Item 5.-2.

July 13, 2022 – Initial Meeting

Topics Reviewed:

- 2050 LRTP Update & PlanRVA Scenario Planning Overview
- Socioeconomic Data Purpose/Schedule
- Horizon Year (2050) Baseline Projections Methodology

Links:

- The presentation slides are available on the PlanRVA [website](https://planrva.org/transportation/meeting-agendas-minutes-and-presentations-tpo/socio-econ/).
Link - <https://planrva.org/transportation/meeting-agendas-minutes-and-presentations-tpo/socio-econ/>
- The recording of the meeting is available on [PlanRVA YouTube Channel](https://www.youtube.com/watch?v=m7NMhEI9BbQ).
Link: <https://www.youtube.com/watch?v=m7NMhEI9BbQ>

Presentations:

- 2022 Virginia Population Projections, Dr. Shonel Sen - Weldon Cooper Center, Demographics Research Group

Next Steps:

- PlanRVA staff to follow following up with locality representatives to:
 1. Establish a Population Control Total for 2050.
 2. Accept the Employment Control Total for 2050 as provided by RRTPO staff
 3. Provide any information on major development projects or pipeline projects

Next Meeting:

Tentatively planned for early October.

TAC AGENDA 4/9/22; ITEM 6.a

Safe Streets for All Competitive Grant Local Project Endorsement – (Comprehensive Safety Action Plan) Henrico County

Richmond Regional Transportation Planning Organization

BACKGROUND: The County seeks to develop a Safety Action Plan that meets the self-certification eligibility requirements defined for Safe Street and Roads for All (SS4A) grants as defined on the Self-Certification Worksheet, Version 1.0. Funds for the fiscal year (FY) 2022 SS4A grant program are to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation, personal conveyance, and micro-mobility users; motorists; and commercial vehicle operators.

The County may utilize on-going activities related to the development of their Comprehensive Transportation Plan (CTP) and other countywide initiatives to satisfy stakeholder and public engagement aspects of the plan's development. County staff and the project team will formalize the goals and objectives of the Safety Action Plan, with a focus on promoting safe, equitable, and multimodal mobility opportunities within the County. The Safety Action Plan will include a countywide crash factor and crash equity analysis, identification of emphasis of areas, crash reduction strategies, and prioritization of countermeasures.

The County plans to apply for a Safety Action Plan grant in 2022 to support funding the development of their Safety Action Plan. The County intends to use the completed Safety Action Plan so that they are eligible to apply for grants (including SS4A Implementation and Safety Action Plan Grants) that require Safety Action Plans.

The requested amount for the development of this action plan is \$400,000.

TAC REQUESTED ACTION: motion to recommend RRTPO Policy Board endorsement of the grant application.



Route 1 (Bermuda Crossroads Ln-Route 10) Bike, Ped and Transit Improvements:

Project Need: Construction of bike and pedestrian accommodations along Route 1 is a priority for Chesterfield to address the increase in active transportation along the corridor and begin addressing first mile/last mile needs for residents riding GRTC's Route 3B. The Route 1 Pedestrian Safety Study, currently underway, includes the recommendation for the proposed Pedestrian Hybrid Beacon at this location.

Project Scope: Construct **trail/sidewalk** along Route 1: southbound from Bermuda Crossroads Lane to Route 10 (approx. 0.55 mi) and northbound from 0.04 mi north of Redwater Creek Road to Route 10 (approx. 0.28 mi). NOTE: Trail has been built or will be built with development between Moore's Lake Road and Redwater Creek Road.

Install **Pedestrian Hybrid Beacon** near secondary shopping center entrance.

Construct **bus stop improvements** (landing pad, bench and trash can) at stop located Route 1, southbound, near O'Charley's.

Install **pedestrian lighting:** Dominion Energy LED dark-sky ornamental lighting.

Project will include some landscaping to mitigate impacts to adjacent properties.

Project Estimate: \$7,200,000

TAC AGENDA 8/9/22; ITEM 7.

SMART SCALE ROUND 5 – GOOCHLAND PROJECT ENDORSEMENT

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Approve a resolution to endorse locality and agency projects for SMART SCALE Round 5

BACKGROUND: SMART SCALE is a process that helps Virginia meet its most critical transportation needs using limited tax dollars. It evaluates potential transportation projects based on key factors like how they improve safety, reduce congestion, increase accessibility, contribute to economic development, promote efficient land use, and affect the environment. The anticipated benefits are calculated, and the projects are scored and ranked. This information is used by the Commonwealth Transportation Board to help guide and inform their project selection decisions.

To support local and regional planning efforts and consistency with the Constrained Long-Range Plan (CLRP), a resolution of support from the MPO is needed for all projects within the MPO study area that are not included in or consistent with the adopted CLRP. This requirement applies to projects submitted by localities and transit agencies.

In addition to the consistency requirements, an MPO resolution of support is also required for all locality sponsored projects on Corridors of Statewide Significance (COSS). This requirement does not apply to transit agencies. Table 2.2 from the Smart Scale Technical Guide, which summarizes the requirements for MPO support, is reproduced below.

Table 2.2 Eligibility to Submit Projects

Project Type	Regional Entity (MPOs, PDCs)	Locality (Counties, Cities, and Towns)	Public Transit Agencies
Corridor of Statewide Significance	Yes	Yes, with a resolution of support from relevant regional entity	Yes, with resolution of support from relevant regional entity*
Regional Network	Yes	Yes, with a resolution of support from relevant MPO*	Yes, with resolution of support from relevant regional entity*
Urban Development Area	No	Yes, with a resolution of support from relevant MPO*	No
Safety	No	Yes, with a resolution of support from relevant MPO*	No

* Projects within established MPO study areas that are not identified in or consistent with the regionally adopted Constrained Long-Range Plan (CLRP) must include a resolution of support from the respective MPO Policy Board.

GOOCHLAND REQUEST: Goochland County originally narrowed their project list to four (4) projects as part of the original resolution of endorsement. This decision was based on the understanding that the I-64/Ashland Road Diverging Diamond Interchange project was fully funded. The Central Virginia Transportation Authority (CVTA) has allocated \$16,884,840 for the project based on the third-party consultant's validated estimate.

In reviewing a recent Traffic Impact Analysis for a large distribution center 0.5 miles north of I-64/Rt 623 interchange, Goochland staff realized a two lane DDI would not support the traffic generated by this large distribution center. A revised scope is required to accommodate that added traffic as well as projected growth in this corridor. Goochland is now pursuing a four lane DDI project to accommodate projected traffic. Goochland has coordinated with VDOT to build a Smart Scale application in the last two weeks for this revised scope. This project will be submitted for SMART SCALE Round 5 instead of the Three Chopt Road Reconnection that was previously endorsed by the RRTPO.

The I-64/Ashland Rd interchange is included in the Constrained Long-Range Plan (CLRP) and is consistent with the vision, goals, and objectives of ConnectRVA 2045. The RRTPO has previously allocated Surface Transportation Block Grant (STBG) funds for an interchange access report (IAR) for this interchange. As a project on a Corridor of Statewide Significance (COSS), this project requires a resolution of endorsement from the RRTPO.

STAFF RECOMMENDATION: Staff recommends approval of the resolution of endorsement.

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

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board endorses the I-64 at Ashland Rd. (Rte. 623) Interchange project as a Goochland County application for Smart Scale Round 5.

Attachment

Exhibit 41: Universe of Projects vs. Cost-Possible Project List

Travel Mode	Universe of Projects	Cost-Possible Projects	Percent Included in <i>ConnectRVA 2045</i>
Active	34	33	97%
Bridge	16	16	100%
Highway	191	147	77%
Park & Ride	14	14	100%
Rail	9	0	0%
Transit	13	8	62%

Note: Cost-possible = committed + constrained + private/local project list

Exhibit 42a: Constrained Project List by Type -Highways

Interstate Projects	Auxiliary Lane	Widening
New Interchange		
I-64 and N. Gayton Rd	I-295 - Southbound auxiliary lane in Chamberlayne Rd (Exit 41) off-ramp	I-64 widening from Exit 205 (Bottoms Bridge) to Exit 211 (VA-106) - 2 Projects
Interchange Modification		I-95 widening from Exit 62 (VA-288) to Exit 64 (Willis Rd)
I-295 & Creighton Rd	I-295 - Northbound auxiliary lane in Nuckols Road (Exit 51) on- ramp	Other Freeways Projects
I-295 & VA-1		Interchange Modification
I-64 & Ashland Rd (VA-623)		VA-150 & Dalebrook Dr - 2 Projects
I-64 & Gaskins Rd	I-64 - Eastbound and Westbound auxiliary lanes between Short Pump (Exit 178) to I-195 (Exit 186) - 6 Projects	VA-150 & Hopkins Rd
I-64 & Parham Rd		VA-150 & Strathmore Rd - 2 Projects
I-64 & US-33		VA-150 & US-1
I-95 & Belvidere St	I-64 - Eastbound and Westbound auxiliary lanes between Welcome Center to Exit 214 (VA-155) in New Kent - 2 Projects	VA-150 & US-360
I-95 & I-64		VA-150 & US-60
I-95 & Parham Rd		VA-288 & US-250 - 3 Projects
I-95 & VA-10		VA-288 & US-360
I-95 & VA-161		
I-95 & VA-54 - 2 Projects	I-95 - Southbound auxiliary lane between Exit 67 (VA-150) and Exit 69 (Bells Rd)	
I-95 & Willis Rd		
I-64 & Oilville Rd		

continued

TAC AGENDA 8/9/22; ITEM 8.

FY24 – FY29 STBG/CMAQ SCHEDULE

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: No action requested

BACKGROUND: Selecting and prioritizing projects for funding is one of the primary roles of the RRTPO in developing the regional transportation system. Projects selected by the TPO to receive funding are included in the Six-Year Improvement Program (SYIP) for adoption by the Commonwealth Transportation Board (CTB).

In June of 2021, the RRTPO Policy Board adopted new guidelines for project selection and allocation of Surface Transportation Block Grant (STBG) and Congestion Mitigation and Air Quality (CMAQ) funds. The newly adopted guidelines can be reviewed [on the PlanRVA website](#).

Based on a review of existing allocations and commitments and currently projected funding levels, staff has prepared estimates of available funding for this round. Staff expects to be able to allocate approximately **\$18.2 million in additional STBG** and **\$7 million in additional CMAQ** funding this round. Approximately half of the expected CMAQ funding is *unmatched* and requires a 20% local match. This funding is available for cost increases on existing projects and for new projects.

PRE-SCREENING: Due to on-going Smart Scale Round 5 validation and scoring, pre-screening coordination with VDOT will be waived for this round. All projects will be validated by VDOT after submission during the scoring period. All requests for project intended to be VDOT administered will be adjusted based on the validation results.

DRAFT SCHEDULE: The following table shows the major tasks and expected dates for the FY24 – FY29 STBG/CMAQ allocation process.

Task	Expected Schedule
Application Period	August 29, 2022 – September 30, 2022
Sponsor Presentations	October 3, 2022 – October 14, 2022
Project Screening	October 2022
Estimate & Schedule Validation	October 2022 – December 2022
Project Scoring	October 2022 – December 2022
Existing Project Review	December 2022 – January 2023
TAC Review Existing Project Requests	January 10, 2023
TAC Review New Projects	February 14, 2023
TPO Approve Allocations	March 2, 2023

NEXT STEPS: Staff will provide resources to assist with applications and project presentations over the next month. Notice will be provided via email and the TPO website when the application window opens.

TAC AGENDA 8/9/22; ITEM 9.

FY24 – FY27 TIP DEVELOPMENT SCHEDULE

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: No action requested.

BACKGROUND: The TIP is the region's collaborative list of transportation investment priorities for the next four year. This list includes all projects which are federally funded, along with non-federally funded projects that are regionally significant. It is a federal requirement that all MPO's develop and maintain a TIP. Projects include highway and transit projects, as well as bicycle, pedestrian, airport access, rail, and freight-related projects.

The TIP is also an obligation document. Obligations are a commitment from the federal government to reimburse the state for the federal share of a project's eligible costs. Once a project is in the TIP a project or project phase is authorized in a federal agreement under which Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) commits to reimburse the state for a share of eligible costs.

The TIPs developed in the Commonwealth of Virginia are combined with rural projects into the Statewide Transportation Improvement Program (STIP). After approval of the TIP, all revisions to the TIP must also be recorded in the STIP. Approved TIP documents are submitted to the FHWA and the FTA for review and acceptance.

The current TIP runs through federal fiscal year 2024. To avoid a lapse in funding, the Commonwealth's practice is to update the STIP in coordination with state MPOs every three years. Staff has begun coordinating with VDOT, DRPT, and GRTC to develop the new TIP which is scheduled for adoption in May of 2023.

PERFORMANCE EVALUATION: The TIP has included an appendix discussing federal performance measures for the past two iterations. Building on the work undertaken in ConnectRVA 2045, staff will also be evaluating the investments in the TIP against a broader range of performance measures that correspond to the region's planning vision, goals, and objectives. The table below shows the measures used to evaluate the projects in ConnectRVA 2045. Staff will work to identify the most practical measures to use in the new TIP based on available data and time constraints.

ConnectRVA 2045 Performance Evaluation

Performance Area	Performance Measure
Systemwide Performance	Total Lane Miles
	Congested Lane Miles
	Travel Time Improvements on Major Corridors
	Transportation Mode Share
	Daily Traffic Volumes
	Vehicle Miles Traveled (VMT) per Capita
	Major Bridge Rehabilitation and Replacement
	Transit Ridership

	Passenger Miles Traveled (PMT)
	Premium Transit Miles
	Transit Coverage
	Park & Ride Lots
	Active Transportation Dedicated Lane Miles
Annual Transportation Savings	Operational Benefit
	Safety Benefit
	Environmental Benefit (Air Quality)
Economic Impact Analysis	Direct Impacts
	Indirect Impacts
Environmental Justice	Plan Investment Distribution – Dollars
	Plan Investment Distribution – Projects
Accessibility Analysis	Access to Jobs and Destinations by Mode
	Average Trip Time and Length by Purpose
	Access to Transit with Walk and Bike Travel Time

MILESTONE SCHEDULE: Development of the TIP is a complex process which includes the TIP document, an air quality conformity report to demonstrate compliance with the Clean Air Act, and an MPO self-certification process. The table below shows the expected completion dates for some of the major tasks, particularly those that include TAC or Policy Board review or action.

Milestone	Expected Completion
Review of draft project list	08-31-2022
Develop TIP document	12-31-2022
Approve final project list	2-2-2023
Interagency Consultation	2-14-2023
TAC initiates public review	2-14-2023
Public Review TIP, Conformity	4-5-2023
TAC Recommendation TIP, Conformity, Self-Certification	4-11-2023
TPO Approval TIP, Conformity, Self-Certification	5-4-2023

NEXT STEPS: Staff is coordinating with state and transit agencies to develop the draft project list for the new TIP. Staff will share project lists with member localities by mid-August for review. The draft project list is expected to be finalized by August 31, 2022.

TAC AGENDA 8/9/22

TAC Future Meeting Topics*

Future Meeting Topics

- DRPT –Virginia Statewide Rail Plan
- Scenario Planning
- CVTA Project Prioritization Updates

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