

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE

Tuesday, February 22, 2022

10:00 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_WbxyWqHxTi2-o1JoCmibMA

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

(Le Duc)

- 1. Statement regarding virtual meetings**
(Parsons)
- 2. Roll call and certification of a quorum**
(Firestone)
- 3. Consideration of Amendments to the Meeting Agenda**
(Le Duc)
- 4. Approval of February 8, 2022, TAC Meeting Minutes** – Page 3
(Le Duc)
Action Requested: Approval of minutes as presented.
- 5. Open Public Comment Period**
(Le Duc/5 minutes)

6. **Draft Smart Scale Regional Project Selections** – page 14
(Parsons/Busching/30 minutes)

Action Item – Recommendation to approve slate of regional project pre-applications

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

8. **Next Meeting: March 8, 2022**
(LeDuc)

9. **Adjournment**
(LeDuc)

CAP/jf

Attachments

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

MINUTES OF ACTION MEETING

**Zoom Meeting
February 8, 2022
9:00 a.m.**

MEMBERS and ALTERNATES (A) PRESENT:

Town of Ashland		Charles City County		Chesterfield County	
Nora D. Amos	X	(vacant)		Barbara K. Smith	X
Vacant (A)				Chessa Walker (A)	X
Goochland County		Hanover County		Henrico County	
Thomas M. Coleman	X	Joseph E. Vidunas	X	Sharon Smidler, FY22 Vice Chair	X
		J. Michael Flagg (A)	X	Todd Eure (A)	
New Kent County		Powhatan County		City of Richmond	
Kelli Le Duc, FY22 Chair		Bret Schardein		Dironna Moore Clarke	X
		(vacant) (A)		Travis A. Bridewell (A)	X
Capital Region Airport Commission		DRPT		GRTC	
John B. Rutledge		Tiffany T. Dubinsky	X	Sam Sink	X
		Grant Sparks (A)		Patricia Robinson (A)	
PlanRVA		RideFinders		RMTA	
Chet Parsons	X	Von S. Tisdale		Theresa Simmons	
Sulabh Aryal (A)		John O'Keeffe (A)	X		
VDOT					
Liz McAdory					
Nicole Mueller (A)	X				

Others Present:	PlanRVA Staff Present:
Nick Britton, Michael Baker International	Myles Busching
Michael Campbell, City of Colonial Heights	Janice Firestone
Tara FitzPatrick, Greater Richmond Fit4Kids	Sidd Kumar
Austin Goyne, Goochland County	Ken Lantz
Daniel Grinnell, VDOT	Jin Lee
Sonja Lewis-Cheatham, DEQ	Phil Riggan
Jim Ponticello, VDOT	
Ronald Svejkovsky, Crater PDC	
Adrienne Torres, GRTC	

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](#).

1. STATEMENT REGARDING VIRTUAL MEETINGS

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

Interagency Consultation Group (ICG) meeting – Tri-Cities MPO

Daniel Grinnell, VDOT and Ronald Svejksky, Tri-Cities MPO, opened the ICG portion of the meeting at 9:00 a.m. and provided presentations on the following:

- [Conformity Overview and EPA guidance](#)
- [Conformity Schedule](#)
- [Concurrence on the schedule, conformity project list.](#)

Members of the Tri-Cities MPO voted to approve the membership update, conformity schedule and modifying the conformity project list.

CALL TO ORDER

Following the ICG meeting, the Richmond Regional Transportation Planning Organization (RRTPO) Technical Advisory Committee (TAC) Vice-chair, Sharon Smidler, presided and called the February 8, 2022, RRTPO TAC meeting to order at 9:17 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.

2. Consideration of Amendments to the Action Meeting Agenda

Chet Parsons, PlanRVA, presented two amendments to the agenda for consideration: correction of Item 7 to read **FY23 Unified Planning Work Program (UPWP) Priorities** and removal of Item 12 - **Smart Scale Regional Project Selections** (a special meeting will be held at a later date for consideration of that matter).

On motion of Dironna Moore Clarke, seconded by Joseph E. Vidunas, the RRTPO Technical Advisory Committee unanimously approved the February 8, 2022, agenda as amended (see [Appendix A](#)):

3. Approval of [January 11, 2022, RRTPO TAC Meeting Minutes](#)

On motion of John O'Keefe, seconded by Nora Amos, the RRTPO Technical Advisory Committee unanimously approved the minutes of the January 11, 2022, meeting by acclamation (voice vote) as presented.

4. Open Public Comment Period

Tara FitzPatrick, Safe Routes to School Coordinator for Greater Richmond Fit4Kids, addressed the committee and expressed her appreciation to PlanRVA staff for their help with her agency's Transportation Alternatives Program (TAP) grant application.

5. TAC Chairman's Report

There was no report from the Vice-chair.

6. RRTPO Update

a. Current Work Efforts (a copy of this document can be found in the agenda packet)

Mr. Parsons gave this report to the committee and announced that the public review period for the BikePedRVA 2045 draft plan will open tomorrow. He asked members to share the information and encourage participation.

7. FY23 Unified Planning Work Program (UPWP) Priorities (a copy of this document can be found in the agenda packet)

Mr. Parsons gave an overview of the plan and explained that it is updated annually. The four core program areas were explained.

On motion of Nicole Mueller, seconded by Dironna Moore Clarke, the RRTPO Technical Advisory Committee voted unanimously to recommend RRTPO Policy Board consideration and approval of the FY23 UPWP Priorities as presented (see [Appendix A](#)):

8. Existing STBG/CMAQ project requests (a copy of this document can be found in the agenda packet)

Myles Busching, PlanRVA, presented this item to the committee and gave an overview of each of the STBG and CMAQ projects. Committee members discussed a number of the projects and it was noted that the matter will be brought back as part of the final allocation plan in March 2022.

9. TA Set-Aside recommendations (a copy of this document can be found in the agenda packet)

Mr. Busching presented this item to the committee and offered clarification on the list of remaining projects if additional FY23 – FY24 TA funding is available.

On motion of Dironna Moore Clarke, seconded by Barbara K. Smith, the RRTPO Technical Advisory Committee (TAC) voted to recommend RRTPO Policy Board approval of the following resolution as presented (see [Appendix A](#)):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) selects the following projects for FY23 – FY24 Transportation Alternatives (TA) program funding as shown:

Project	Title	Locality	Request	Allocated
7981	Safe Routes to School Program	Richmond	\$ 159,796	\$ 159,796
7851	US 360 (Hull Street) PHB	Richmond	\$ 197,127	\$ 197,127
7979	Cool Spring ES Safe Routes to School	Hanover	\$ 202,928	\$ 202,928
8088	RT 360 at Courthouse Ped Improvements	Chesterfield	\$ 359,688	\$ 359,688
8094	FLT (Shop - Chester Linear Park)	Chesterfield	\$ 459,700	\$ 459,700
7923	Lakeside Community Trail Phase 1	Henrico	\$ 548,543	\$ 548,543

Further resolved, that the RRTPO approves the following prioritization for the remaining projects if additional FY23 – FY24 TA funding is made available:

	Title	Locality
1	Courthouse (RT 10 - Fallow) Trail	Chesterfield
2	SR 147 (Main St) Ped Safety (Ph I)	Richmond
3	SR 147 (Cary St) Ped Safety (Ph II)	Richmond
4	Forest Hill Ave Bike/Ped Improvements	Richmond
5	Lakeside Community Trail Phase 2	Henrico
6	Patterson Avenue Bike Lanes	Richmond
7	Downtown Core Protected Bike Lanes	Richmond
8	US Route 1 PHBs	Richmond
9	Jefferson Ave Phase II Clay St to 23rd	Richmond
10	Lakeside Community Trail Phase 3	Henrico
11	A Carnation St Phase II	Richmond
12	Commonwealth Center Bike/Ped Trail	Chesterfield
13	Gillies Creek Greenway Phase IV	Richmond
14	Nuckols Road Corridor Shared Use Path	Henrico
15	Scott's Addition Greenway	Richmond

10. **FTA 5310 application endorsement** (a copy of this document can be found in the agenda packet)

Ken Lantz, PlanRVA, presented this request to the committee.

On motion of Barbara K. Smith, seconded by Nora Amos, 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 endorses the following applications for Federal Transit Administration (FTA) Section 5310 funds:

- Chesterfield County Community Citizen Information and Resources Mobility Services: Operating assistance and to support the cost of trips, \$533,600;
- Chesterfield Community Mental Health Services Board: Purchase two (2) 15-passenger body on chassis vans with wheelchair lifts, \$130,000;
- Goochland CARES: Purchase one (1) 14-passenger van with wheelchair lift, \$65,000
- Hanover DASH: Provide and expand specialized transportation for non-driver older adults and individuals with disabilities, \$750,000;
- Senior Connections: Provide mobility management and transportation services for older adults and persons with disabilities, \$305,600
- GRTC: Provide travel training assistance for individuals, particularly seniors and person with disabilities, \$150,000.

11. **VDOT STBG Funding Request - UPC 97688 - Rt. 155 Shared Use Path** (a copy of this document can be found in the agenda packet)

Mr. Busching presented this request to the committee.

On motion of Nicole Mueller, seconded by Barbara K. Smith, the RRTPO Technical Advisory Committee (TAC) voted unanimously to approve the following resolution as presented (see [Appendix A](#)):

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) approves the transfer of \$88,857 in previous regional Surface Transportation Block Grant (STBG) and match funds from the balance entry (UPC 70721) to the Rt 155 Shared Use Path project (UPC 97688),

12. Smart Scale Regional Project Selections

This item was removed from the agenda. A special RRTPO TAC meeting will be scheduled prior to the next RRTPO Policy Board meeting for consideration of the matter.

13. Transportation Agency Updates

a. DRPT

Tiffany Dubinsky, Statewide Transit Planning Manager at DRPT, introduced Daniel Wagner, new Statewide Transit Planner at DRPT, and provided an update on DRPT activities.

b. GRTC

Sam Sink, Director of Planning and Scheduling, at GRTC, noted that Nick Britton would be providing an update on the GRTC Micro-transit Study. Mr. Britton gave an overview of what micro-transit is and reported on the study progress to date. Adrienne Torres, Chief Development Officer at GRTC, noted that they are hoping to start scheduling the meetings with jurisdictions right away.

Mr. Britton clarified that the VDOT MetroQuest Survey period should have ended in December.

c. RideFinders

John O'Keeffe, Account Executive at RideFinders, provided an update on RideFinders activities.

d. VDOT

Nicole Mueller, Planning Specialist at VDOT, provided an update on VDOT activities.

14. Future Meeting Topics

Vice-chair Smidler reviewed the list of future meeting topics and it was noted that the Smart Scale Regional Project Selections item will be heard at the special meeting to be scheduled later in the month.

15. TAC Member Comments

There were no member comments.

16. **Next Meeting: February 8, 2022**

Vice Chair Smidler noted that the next regular RRTPO TAC action meeting will be held on March 8, 2022, beginning at 9:00 a.m.

17. **Adjournment**

Vice-chair Smidler adjourned the meeting at 10:40 a.m.

CAP/jf

February 8, 2022 - RRTPO Technical Advisory Committee (TAC)

APPENDIX A - Voting Record Tables

Item 3 – Approval of previous meeting minutes

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	X			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	X			
	Chessa Walker (A)				
Goochland County	Thomas M Coleman	X			
Hanover County	Joseph E. Vidunas	X			
	Mike Flagg (A)				
Henrico County	Sharon Smidler, VC	X			
	Todd Eure (A)				
New Kent County	Kelli Le Duc, Chair				
Powhatan County	Bret Schardein				
City of Richmond	Dironna Moore Clarke	X			
	Travis A. Bridewell (A)				
Capital Region Airport Commission	John B. Rutledge				
DRPT	Tiffany T. Dubinsky	X			
	Grant Sparks (A)				
GRTC Transit System	Sam Sink	X			
	Patricia Robinson (A)				
PlanRVA	Chet Parsons	X			
	Sulabh Aryal (A)				
RideFinders	Von S. Tisdale				
	John O'Keeffe (A)	X			
RIC Metropolitan Transp. Authority	Theresa Simmons				
VDOT	Liz McAdory				
	Nicole Mueller (A)	X			
TOTAL		11			

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

Item 7 – Recommend Policy Board consideration and approval of the FY23 UPWP Priorities

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	X			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	X			
	Chessa Walker (A)				
Goochland County	Thomas M Coleman	X			
Hanover County	Joseph E. Vidunas	X			
	Mike Flagg (A)				
Henrico County	Sharon Smidler, VC	X			
	Todd Eure (A)				
New Kent County	Kelli Le Duc, Chair				
Powhatan County	Bret Schardein				
City of Richmond	Dironna Moore Clarke	X			
	Travis A. Bridewell (A)				
Capital Region Airport Commission	John B. Rutledge				
DRPT	Tiffany T. Dubinsky	X			
	Grant Sparks (A)				
GRTC Transit System	Sam Sink	X			
	Patricia Robinson (A)				
PlanRVA	Chet Parsons	X			
	Sulabh Aryal (A)				
RideFinders	Von S. Tisdale				
	John O'Keeffe (A)	X			
RIC Metropolitan Transp. Authority	Theresa Simmons				
VDOT	Liz McAdory				
	Nicole Mueller (A)	X			
TOTAL		11			

Item 9 - Recommendation to approve TA Set-Aside projects

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	X			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	X			
	Chessa Walker (A)				
Goochland County	Thomas M Coleman		X		
	Mike Campbell (A)				X
Hanover County	Joseph E. Vidunas	X			
	Mike Flagg (A)				
Henrico County	Sharon Smidler, VC	X			
	Todd Eure (A)				X
New Kent County	Kelli Le Duc, Chair				X
Powhatan County	Bret Schardein				X
City of Richmond	Dironna Moore Clarke	X			
	Travis A. Bridewell (A)				
Capital Region Airport Commission	John B. Rutledge				X
DRPT	Tiffany T. Dubinsky	X			
	Grant Sparks (A)				X
GRTC Transit System	Sam Sink	X			
	Patricia Robinson (A)				X
PlanRVA	Chet Parsons	X			
	Sulabh Aryal (A)				X
RideFinders	Von S. Tisdale				X
	John O'Keeffe (A)	X			
RIC Metropolitan Transp. Authority	Theresa Simmons				X
VDOT	Liz McAdory				X
	Nicole Mueller (A)	X			
TOTAL		10	1		

Item 10. - Recommendation to endorse FTA 5310 applications

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	X			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	X			
	Chessa Walker (A)				
Goochland County	Thomas M Coleman	X			
Hanover County	Joseph E. Vidunas	X			
	Mike Flagg (A)				
Henrico County	Sharon Smidler, VC	X			
	Todd Eure (A)				
New Kent County	Kelli Le Duc, Chair				
Powhatan County	Bret Schardein				
City of Richmond	Dironna Moore Clarke	X			
	Travis A. Bridewell (A)				
Capital Region Airport Commission	John B. Rutledge				
DRPT	Tiffany T. Dubinsky	X			
	Grant Sparks (A)				
GRTC Transit System	Sam Sink	X			
	Patricia Robinson (A)				
PlanRVA	Chet Parsons	X			
	Sulabh Aryal (A)				
RideFinders	Von S. Tisdale				
	John O'Keeffe (A)	X			
RIC Metropolitan Transp. Authority	Theresa Simmons				
VDOT	Liz McAdory				
	Nicole Mueller (A)	X			
TOTAL		11			

Item 11. - Recommendation to approve VDOT Transfer Request – Rt. 155 Shared Use Path

Jurisdiction/Agency	Member	Aye	Nay	Abstain	Absent
Town of Ashland	Nora D. Amos	X			
Charles City County	(vacant)				
Chesterfield County	Barbara K. Smith	X			
	Chessa Walker (A)				
Goochland County	Thomas M Coleman	X			
Hanover County	Joseph E. Vidunas	X			
	Mike Flagg (A)				
Henrico County	Sharon Smidler, VC	X			
	Todd Eure (A)				
New Kent County	Kelli Le Duc, Chair				
Powhatan County	Bret Schardein				
City of Richmond	Dironna Moore Clarke	X			
	Travis A. Bridewell (A)				
Capital Region Airport Commission	John B. Rutledge				
DRPT	Tiffany T. Dubinsky	X			
	Grant Sparks (A)				
GRTC Transit System	Sam Sink	X			
	Patricia Robinson (A)				
PlanRVA	Chet Parsons	X			
	Sulabh Aryal (A)				
RideFinders	Von S. Tisdale				
	John O'Keeffe (A)	X			
RIC Metropolitan Transp. Authority	Theresa Simmons				
VDOT	Liz McAdory				
	Nicole Mueller (A)	X			
TOTAL		11			

TAC AGENDA 2/22/22; ITEM 6.

SMART SCALE ROUND 5: CANDIDATE PROJECT POOL

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and recommendation of the regional project candidate pool to develop the Richmond Regional Transportation Planning Organization (RRTPO) regional SMART SCALE applications.

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.

RRTPO has the ability to apply for ten (10) projects that would benefit the region for each round of Smart Scale. RRTPO member organizations have submitted individual requests for projects to be considered and staff has drawn additional potential projects from Smart Scale round 4 and recent CVTA regional applications. In total, 37 projects were considered for potential submission. The RRTPO can submit up to twelve (12) pre-applications in March for initial project screening.

Staff has considered cost estimates, VTRANS needs, functional classification of project corridors, the level of assistance from VDOT or local jurisdictions that would be required to develop an application. Staff also assessed the available studies and documentation compared with the SMART SCALE “readiness” requirements and screen-out risk. Finally, staff looked at regional distribution and balance in developing the project recommendations. Projects with pending applications for CVTA or RRTPO funding programs were prioritized due to the potential for leveraging.

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

RESOLVED, that the Richmond Regional Transportation Planning Organization (TPO) approves the following projects as Smart Scale Round 5 pre-applications:

1. Route 360 Widening – Woodlake Pkwy to Otterdale Rd
2. I-95 & Rt 10 Interchange Improvement – Phase II
3. SB 288 Auxiliary Lane - US 250 to Tuckahoe Creek Pkwy
4. SB 288 Continuous HSR Lane - West Creek Pkwy to Route 711

5. Staples Mill Road Improvements
6. W Broad St Intersection Improvements at Parham Road
7. W Broad St Improvements – Short Pump
8. I-64 Widening – Exit 205 to Exit 211
9. Broad Street Streetscape (US250) with Pulse Expansion Phase III
10. Commerce Road - FLT Phase II
11. Vaughan Road Overpass
12. Route 1/Route 30 Continuous Green T (CGT) intersection

						Vtrans			ConnectRVA 2045				Other Requirements		
Project Title	Description	Jurisdiction(s)	Previous SS Submission	CVTA App	Current Estimate	COSS	RN	Detail	Regional	Local	Code	ID	Study	Sketch	Detailed Estimate
Vaughan Road Overpass	Construct an east/west rail over pass at the Vaughan Road intersection. It will be 39' 4" wide with 2 lanes and sidewalks to connect to sidewalks on either side. It will provide a vital safety connection for adjacent school and fire station and access to a 286 acre industrial site. R.O.W. will need to be obtained to provide for proper alignment and elevation from Vaughan Road and Archie Cannon Road. This project recommendation came from the DC2RVA FEIS.	Ashland	Yes	Yes	\$24,267,943	X		Demand Management; On-time rail	X		R-1D	FHW-1	DC2RVA FEIS	Yes	Yes
Route 360 (Woodlake Pkwy to Otterdale Rd) Widening	Widen Route 360 between Woodlake Parkway and Otterdale Road. Extend the existing 6-lane section, with sidewalks on both sides, from just east of Dogwood Park Road to Otterdale Road as recommended by the VDOT Route 360 Arterial Management Plan [September 2021]. Pedestrian accommodations along WB Route 360 will also be extended from its current terminus at Woodlake Parkway to just east of Dogwood Park Drive.	Chesterfield	Yes	Yes	\$30,000,000		X	Capacity Preservation	X		R-1A	FHW-127	Route 360 AMP	Yes	Yes
I-95/Route 10 Interchange Improvement, Phase II	Construct the remaining elements of a partial cloverleaf interchange: remove loops and signalize ramps. This is design of the final phase of the necessary improvements to the interchange.	Chesterfield	Yes	Yes	\$27,086,282		X	Capacity Preservation; Demand Management	X		R-1C	FHW-67	I-95 at Rt 10 IMR, Signal Warrants	Yes	Yes
Rte 288 - New SB Auxiliary Lane South of U.S. 250	Construct new southbound auxiliary lane on Rte 288, approximately 1.4 miles in length, between southbound exit ramp from Rte. 250 (Broad Street Road) and southbound entrance ramp onto Rte. 740 (Tuckahoe Creek Parkway).	Goochland	Yes	Yes	\$16,814,989	X	X	Congestion Mitigation	X		R-1A	FHW-159	288 STARS	Yes	Yes
SB 288 Continuous HSR Lane West Creek Parkway to Route 711	Project would reconstruct the shoulder on southbound Route 288 between the on-ramp of West Creek Parkway and the off-ramp of Route 711 to provide an 11-foot wide hard running shoulder lane to be employed during PM peak travel hours. Installation of gantries with signage detailing usage and ITS improvements within the Route 288 corridor are included. Project also includes construction of emergency pull-offs for disabled vehicles while the hard shoulder running lane is in operation.	Goochland / Powhatan	Yes	Yes	\$30,736,270	X	X	Congestion Mitigation	X		R-1A	FHW-161	288 STARS	Yes	Yes
Rt. 1/Rt. 30 Green-T	The project will convert the stop-controlled intersection (Rt 1 & Rt. 30) to a signalized "Green-T" to improve safety and operations.	Hanover	Yes	Yes	\$5,110,758	X	X	Capacity Preservation; Safety Improvement	X		R-1E	FHW-120	SJR	Yes	Yes
Staples Mill Road Improvements	This project includes an additional southbound through lane on Staples Mill Road between I-64 west on-ramp and I-64 east on-ramp. Intersection improvements at Bethlehem Road and Staples Mill Road . The south side of Bethlehem Road will be widened to accommodate the dual left eastbound turning movement. Westbound Bethlehem Road will be widened to include a left-turn lane, a shared through-right, and a right turn lane. Pedestrian accommodations include crosswalks, pedestrian signal heads, push-buttons, and ADA ramps on Staples Mill Road at the intersections of Townhouse Road, Wharfide Road/Dumbarton Road, Dickens Road, I-64 off ramp, Bethlehem Road, Libbie Mill E. Boulevard, and Libbie Lake S. Street/Waller Road. A new singalized triple right intersection will be created at the I-64 off-ramp and Staples Mill SB.	Henrico	Yes	Yes	\$19,443,000		X	Congestion Mitigation	X		R-1A	FHW-56	Rt 33 Staples Mill STARS; Off-Ramp SJR	Yes	Yes

						Vtrans			ConnectRVA 2045				Other Requirements		
Project Title	Description	Jurisdiction(s)	Previous SS Submission	CVTA App	Current Estimate	COSS	RN	Detail	Regional	Local	Code	ID	Study	Sketch	Detailed Estimate
W Broad Street Intersection Improvements at Parham Road	The proposed project will provide additional turn lanes at the intersection of W Broad Street at Parham Road and the installation of an innovation quadrant intersection by utilizing Skipwith Road. The improvements will include an additional eastbound left-turn lane to provide dual left-turns with approximately 200 feet of storage and removal of the northbound left-turn lane. Northbound left-turning traffic will be diverted onto Skipwith Road from Parham Road to form a quadrant intersection. The existing eastbound left-turn lane at Parham Road and Skipwith Road will be extended to provide approximately 400 feet of storage. Approximately 2000 feet of sidewalk will be installed along the north and south sides of W Broad Street and Parham Road, encompassing the project area limits. ADA-compliant curb ramps will be installed/upgraded at each corner of the intersection. Countdown pedestrian signals and pedestrian push buttons will be installed for all proposed pedestrian crossings at signalized intersections. Access management improvements are proposed at the intersection of W Broad Street at Pine Grove Drive, W Broad Street at Hollybrook Avenue, and W Broad Street at Carousel Lane. Landing pads will be constructed for the eastbound and westbound bus stops located on W Broad Street east of Parham Road.	Henrico	Yes	Yes	\$8,447,000	X	X	Capacity Preservation; Safety	X		R-1E	FHW-123	US 250 Dominion Blvd to Glenside Dr STARS	Yes	Yes
W Broad Street Improvements - Short Pump	This project will convert right-turn lanes along westbound US250 (W Broad Street) to a continuous shared through-right lane from Tom Leonard Drive to Pouncey Tract Road. The existing median break will be closed at Walmart between the intersecions of Pouncey Tract Road and John Rolfe Parkway. Approximately 1000 linear feet of flex post delineators will be constructed on westbound W Broad Street from the I-64 EB/WB W Broad Street (Exit 178A) to the intersection of W Broad Street and Gathering Place. Intersection improvements at Tom Leonard Drive, Brownstone Boulevard, John Rolfe Parkway, and Pouncey Tract Road include turn lanes and crosswalks. Pedestrian countdown timers and signal retiming to accommodate intersection improvments are included. The proposed project will improve three existing bus stops along the corridor. At a minimum a landing pad, bench, and trashcan will be provided.	Henrico	Yes	Yes	\$15,930,000	X	X	Capacity Preservation	X		R-1A	FHW-124	US 250 Hockett Rd to I-64 STARS	Yes	Yes
I-64 Widening, Exit 205 to Exit 211	Widen 2L to 3L in both directions. Lane drop EB approximately 0.5 miles past the 211 acceleration lane.	New Kent	Yes	Yes	\$138,690,000	X	X	Congestion Mitigation; Safety	X		R-1A	FHW-46; FHW-47	I-64 Peninsula FEIS	Yes	Yes
Commerce Road - FLT Phase II	This project will provide multimodal transportation improvements and streetscape to the 2-mile stretch of Commerce Road from Decatur Street to Bellemeade Road, including providing the Fall Line Trail. This project will provide a new typical section to support access to port-related frieght movements including 10' sidewalk with 5' buffers, two travel lanes in each direction, dedicated left turn lanes, crossing improvements, and other streetscape and trail amenities.	Richmond	No	Yes	\$46,676,700		X	Bike Access; Demand Management	X		R-1A; R-4B	FAT-13	ATP; Manchester Area Transportation and Land Use Study	Yes	Yes
Broad Street Streetscape (US250) with Pulse Expansion Phase III	This Broad Street Streetscape w/ Pulse BRT Expansion Phase III project will provide multimodal safety and operational improvements from Commonwealth Ave to Willow Lawn Dr through dedicated BRT lanes, sidewalk, lighting, ADA accessible ramp improvements, pedestrian crossing improvements, access management to reduce and consolidate median crossings, and other streetscape amenities including landscaping, street furniture, and bus stop improvements.	Richmond	No	Yes	\$14,525,000	X	X	Transit Access; Pedestrian Access; Capacity Preservation	X	X	R-1A; R-3A; LP	N/A	Pulse BRT Study; Traffic Operations Memo addendum as needed (See Phase I application)	Yes	Yes