

AGENDA

RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION POLICY BOARD

**Thursday, March 2, 2023, 9:30 a.m., PlanRVA Board Room, 424 Hull Street, Suite 300,
Richmond, VA 23224 and via Zoom**

This meeting is open to the public. Members of the public are invited to attend in-person or virtually. Please alert the RRTPO at RRTPOinput@planrva.org if electronic transmission of this meeting fails for the public. If such transmission fails, the RRTPO will take a recess until public access is restored. Please refer to our [Statement Regarding Virtual Meeting Participation by Members of the Public](#) for more information.

If you wish to participate in this meeting virtually, please register via Zoom at the following link: https://planrva-org.zoom.us/webinar/register/WN_IL_j3nJFQp-qYGpNJGrXuw

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.

Call to Order (*Lumpkins*)

Pledge of Allegiance (*Lumpkins*)

Welcome and Introductions (*Lumpkins*)

Certification of a Quorum (*Firestone*)

A. ADMINISTRATION

1. Consideration of Amendments to the Meeting Agenda
(*Lumpkins*)

2. RRTPO Chair's Report
(*Lumpkins/10 minutes*)
a. Locality Highlight

3. Open Public Comment Period
(*Lumpkins/5 minutes*)

This meeting is being held in-person and via Zoom. A link to the Zoom webinar, where individuals may register to participate, is posted at the top of this agenda.

Members of the public are invited to submit public comments either verbally or in writing. Written comments can be submitted through the Q&A/Chat function on Zoom or to the email address at the top of this agenda. Written comments will be read aloud or summarized during the meeting when possible and will be included in the meeting minutes. Verbal comments will be taken at this time. Please indicate by raising your hand (in-person participants) or through the Q&A/Chat functions on Zoom (virtual participants) if you would like to comment. When acknowledged by the Chairman, please clearly state your name so that it may be recorded in the meeting minutes.

4. **Approval of February 2, 2023, RRTPO Policy Board Meeting Minutes** - page 4
(Lumpkins)

Consent

Action requested: motion to approve minutes as presented (voice vote).

5. **Consent Agenda**

(Lumpkins)

Action requested: motion to approve consent agenda as presented (voice vote).

- a. **Letter of Support – DRPT’s Grant Application for the Federal Railroad Administration (FRA) Corridor Identification and Development (CID) Program for the Commonwealth Corridor** - page 10
Consent action: approval of letter of support.
- b. **RRTPO Work Status and Financial Report – January 2023** – page 11
Consent action: approval of report.

B. NEW BUSINESS

1. **Department of Rail and Public Transportation (DRPT) Agency Overview**
(15 minutes)
Presentation: Jennifer DeBruhl, Director, and Zach Trogden, Chief of Public Transportation, will present an overview of the agency and its current projects.
2. **Transit Asset Management Performance Targets** – page 20
(Ryan/10 minutes)
Action requested: motion to approve the Tier 2 TAM targets (roll call vote).
3. **FY21 – FY24 TIP Amendment: I-64 Gap Improvement – Segment A** – page 23
(Busching/10 minutes)
Action requested: motion to amend the project obligations (roll call vote).
4. **FY24 – FY27 TIP & ConnectRVA 2045 Conformity Projects List** – page 25
(Busching/10 minutes)
Action requested: motion to approve the RRTPO project list for regional conformity assessment (roll call vote).
5. **Smart Scale Recommendations Review (focus on CVTA leveraging impacts)** – page 35
(Parsons/20 minutes)
Information item.
6. **Scenario Planning Overview**
(Parsons/10 minutes)
Information item.

C. AGENCY AND COMMITTEE REPORTS

1. Transportation Agency Updates

(15 minutes)

- a. **CVTA** – Parsons – page 39
- b. **GRTC** – Adams
- c. **RMTA** – Dean
- d. **VDOT** – Totten

D. OTHER BUSINESS

1. Future Meeting Topics – page 40

(Lumpkins/5 minutes)

2. RRTPO Member Comments

(Lumpkins/5 minutes)

3. Next Meeting: April 6, 2023, 9:30 a.m., PlanRVA Board Room, 424 Hull Street, Suite 300, Richmond, VA 23224 and via Zoom

(Lumpkins)

E. ADJOURNMENT

**RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION
POLICY BOARD MEETING MINUTES
PlanRVA James River Board Room and via Zoom
Thursday, February 2, 2023 - 9:30 a.m.**

MEMBERS and ALTERNATES (A) PRESENT (X), VIRTUAL (V):

| | | | | | |
|--|---|--|---|---|---|
| Town of Ashland | | Charles City County | | Chesterfield County | |
| John H. Hodges | X | Byron M. Adkins, Sr. | | Kevin P. Carroll | X |
| Anita Barnhart (A) | | William Coads (A) | X | James M. Holland | X |
| | | | | Christopher Winslow | X |
| | | | | Mark S. Miller (A) | |
| Goochland County | | Hanover County | | Henrico County | |
| Susan F. Lascolette | | Sean M. Davis | | Patricia S. O'Bannon | X |
| John L. Lumpkins Jr., FY23 Chair | X | W. Canova Peterson IV, FY23 Vice Chair | X | Frank J. Thornton | X |
| Vacant (A) | | Faye O. Prichard (A) | | Thomas Branin (A) | |
| Vacant (A) | | Vacant (A) | | Vacant (A) | |
| New Kent County | | Powhatan County | | City of Richmond | |
| Patricia A. Paige | X | David T. Williams | X | Andreas D. Addison | |
| C. Thomas Tiller Jr. | | Karen Carmack | | Katherine L. Jordan | X |
| Thomas W. Evelyn (A) | | Vacant (A) | | Stephanie A. Lynch | |
| Vacant (A) | | Vacant (A) | | Cynthia I. Newbille | X |
| | | | | Michael J. Jones (A) | |
| | | | | Kristen Nye (A) | |
| | | | | Ellen F. Robertson (A) | |
| Capital Region Airport Commission | | GRTC Transit System | | RIC Metropolitan Transp. Authority (RMATA) | |
| John B. Rutledge | | Sheryl Adams | X | Joi Taylor Dean | X |
| Vacant (A) | | Adrienne Torres (A) | | Vacant (A) | |
| Secretary of Trans. Designee | | CTAC | | DRPT | |
| VDOT, Dale Totten | X | Lisa M. Guthrie (non-voting) (virtual) | X | Tiffany T. Dubinsky (non- voting) | X |
| VDOT, Mark E. Riblett (A) | X | Sera Erickson (A) (non- voting) | | Grant Sparks (A) (non- voting) | |
| Federal Highway Administration (FHWA) | | Federal Transit Administration (FTA) | | RideFinders | |
| Thomas L. Nelson Jr. (non-voting) | | Daniel Koenig (Liaison) | | Von S. Tisdale (non-voting) | X |
| Ivan Rucker (A) (non-voting) | | Vacant (A) | | Cherika N. Ruffin (A) (non-voting) | |
| VA Dept. of Aviation (DOAV) | | | | | |
| Rusty Harrington) (non- voting) (virtual) | | | | | |

The technology used for the RRTPO Policy Board 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](#).

Call to Order

The Richmond Regional Transportation Planning Organization (RRTPO) Policy Board Chair, John L. Lumpkins, Jr., presided and called the February 2, 2023, RRTPO Policy Board meeting to order at 9:40 a.m. at in the PlanRVA James River Board Room, 424 Hull Street, Suite 300, Richmond, VA 23224.

Pledge of Allegiance

The Pledge of Allegiance was led by Chair Lumpkins.

Welcome and Introductions

Chair Lumpkins welcomed all the attendees.

Certification of a Quorum

Janice Firestone, PlanRVA, certified that a quorum was present in-person.

Frank J. Thornton arrived at 9:45 a.m.

A. ADMINISTRATION

1. Consideration of Amendments to the Meeting Agenda

There were no requested changes to the agenda.

2. RRTPO Chair's Report

a. Locality Highlight – New Kent County

Patricia A. Paige introduced Amy Inman, the new Transportation Director for New Kent County. She also introduced the Director of Economic Development/Assistant County Administrator, Matt Smolnik, who gave a presentation on New Kent demographics and economic goals and trends in the county.

3. Open Public Comment Period

There were no requests to address the RRTPO Policy Board.

4. Consent Agenda

Patricia S. O'Bannon requested the approval of the previous meeting minutes be removed from the consent agenda for separate discussion and vote.

a. January 5, 2022, RRTPO Policy Board Meeting Minutes (removed from consent action)

On motion by James M. Holland, seconded by David T. Williams, the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board voted to approve the minutes of the January 5, 2023, meeting (voice vote; William Coad and Joi Taylor Dean abstained).

John H. Hodges requested that more information be added to consent agenda items with respect to the items' history (who has reviewed, etc.). Chair Lumpkins reported that Mr. Parsons will be briefly reviewing each item. Following review of the items Chair Lumpkins called for a motion.

On motion by James M. Holland, seconded by Cynthia I. Newbille, the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board voted to approve the following consent agenda items as presented (roll call vote; see Appendix A):

- b. Letter of Support – Ridefinders' Grant Application for the Carpool Incentive Program entitled *Cash for Carpool* – DRPT CAP FY24 Grant Program**
- c. Letter of Support – Ridefinders' Grant Application for the Park and Ride Signage Project – DRPT CAP FY24 Grant Program**
- d. Resolution – Support of Chesterfield County's Powhite Parkway Extended, Phase II Project Application for the FY2023 RAISE Grant Program**

WHEREAS, the Infrastructure Investment and Jobs Act appropriated \$1.5 billion for the FY 2023 Rebuilding American Infrastructure with Sustainability and Equity grant program; and

WHEREAS, the RAISE grant program was developed to invest in surface transportation infrastructure projects which will improve safety, quality of life and mobility and connectivity for communities, and promote environmental sustainability, economic competitiveness and state of good repair, through partnerships, collaboration and innovation; and

WHEREAS, Chesterfield County is seeking RAISE grant funds to develop plans for the Powhite Parkway Extended, Phase II project; and

WHEREAS, the Richmond Regional Transportation Planning Organization recognizes the regional benefit of the Powhite Parkway Extended, Phase II project.

THEREFORE, BE IT RESOLVED that the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board hereby supports Chesterfield County's Powhite Parkway Extended, Phase II project application for the FY 2023 RAISE grant program.

- e. Resolution – Support of Chesterfield County's Hopkins Road (Beulah Road – Chippenham Parkway) Interchange Improvement & Road Diet Project Application for the FY2023 RAISE Grant Program**

WHEREAS, the Infrastructure Investment and Jobs Act appropriated \$1.5 billion for the FY 2023 Rebuilding American Infrastructure with Sustainability and Equity grant program; and

WHEREAS, the RAISE grant program was developed to invest in surface transportation infrastructure projects which will improve safety, quality of life and mobility and connectivity for communities, and promote environmental

sustainability, economic competitiveness and state of good repair, through partnerships, collaboration and innovation; and

WHEREAS, Chesterfield County is seeking RAISE grant funds to develop plans for the Hopkins Road (Beulah Road – Chippenham Parkway) Interchange Improvement & Road Diet project; and

WHEREAS, the Richmond Regional Transportation Planning Organization recognizes the regional benefit of the Hopkins Road (Beulah Road – Chippenham Parkway) Interchange Improvement & Road Diet project.

THEREFORE, BE IT RESOLVED that the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board hereby supports Chesterfield County's Hopkins Road (Beulah Road – Chippenham Parkway) Interchange Improvement & Road Diet project application for the FY 2023 RAISE grant program.

f. Resolution – Support of Chesterfield County's Route 150/Route 60 Interchange and Multi-modal Improvements Project Application for the FY2023 RAISE Grant Program

WHEREAS, the Infrastructure Investment and Jobs Act appropriated \$1.5 billion for the FY 2023 Rebuilding American Infrastructure with Sustainability and Equity grant program; and

WHEREAS, the RAISE grant program was developed to invest in surface transportation infrastructure projects which will improve safety, quality of life and mobility and connectivity for communities, and promote environmental sustainability, economic competitiveness and state of good repair, through partnerships, collaboration and innovation; and

WHEREAS, Chesterfield County is seeking RAISE grant funds to develop and construct the Route 150/Route 60 Interchange and Multi-modal Improvements project; and

WHEREAS, the Richmond Regional Transportation Planning Organization recognizes the regional benefit of the Route 150/Route 60 Interchange and Multi-modal Improvements project.

THEREFORE, BE IT RESOLVED that the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board hereby supports Chesterfield County's Route 150/Route 60 Interchange and Multi-modal Improvements project application for the FY 2023 RAISE grant program.

g. RRTPO Work Status and Financial Report - December 2022
h. RRTPO CTAC Report - January 2023

B. NEW BUSINESS

1. Federal Performance Measures Reporting

Myles Busching, PlanRVA, presented this matter and offered to answer any questions. Dale Totten, VDOT offered clarification on the changes in the funding strategy that resulted in bridges not meeting targets.

On motion by W. Canova Peterson, seconded by Frank J. Thornton, the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board voted to approve the two letters related to federal performance measures (roll call vote; see Appendix A).

Patricia S. O'Bannon left the meeting at approximately 10:15 a.m.

2. FY21 – FY24 TIP Amendment Request – UPC 121682 – I-64/Ashland Road Interchange IAR

Mr. Busching presented this request and offered to answer any questions.

On motion by Christopher Winslow, seconded by David T. Williams, the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board voted to approve the following resolution (roll call vote; see Appendix A):

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

1. UPC 121682: I-64/Ashland Rd Interchange IAR (Goochland County)

FINALLY RESOLVED, that these projects are considered exempt from conformity under provisions contained in section 93.126 of the conformity rule as follows:

1. Other - planning and technical studies

3. FY21 – FY24 TIP Amendment Request – GRTC005 – Bus Stop Amenities

Mr. Busching presented this request and clarified that GRTC has identified a list of stops that have been slated for amenities.

On motion by Cynthia I. Newbille, seconded by James M. Holland, the Richmond Regional Transportation Planning Organization (RRTPO) Policy Board voted to approve the following resolution (roll call vote; see Appendix A):

RESOLVED, that the Richmond Regional Transportation Planning Organization Policy Board amends the *FY21 – FY24 Transportation Improvement Program (TIP)* to update planned obligations for the GRTC005: Bus Stop Amenities as follows:

1. Obligate \$1,402,578 in FTA 5339 funds in FY23
2. Revise state funds from \$347,000 to \$3,753,260 in FY23
3. Revise local funds from \$51,020 to \$251,388 in FY23

C. AGENCY AND COMMITTEE REPORTS

1. Transportation Agency Updates

a. CVTA

Mr. Parsons provided this update and offered to answer any questions. He clarified that the Technical Advisory Committee is discussing and working on the cost overrun issue. The update is posted on the [meeting web page](#).

b. GRTC

There was no formal report from GRTC. Board members congratulated Sheryl Adams for her appointment as the CEO of GRTC.

c. RMTA

Joi Taylor Dean reported that RMTA has begun installing new technology in the express lanes (new readers and cameras). The Downtown expressway is completed. The Pohwhite Expressway North and South will be completed at the beginning of March.

d. DRPT

Tiffany Dubinsky provided this update, which is posted on the [meeting web page](#).

e. VDOT

Dale Totten, VDOT, provided an update on VDOT agency activity. The update is posted on the [meeting web page](#).

D. OTHER BUSINESS

1. Future Meeting Topics

Chair Lumpkins noted that the topics list was included in the agenda packet.

2. RRTPO Member Comments

Frank J. Thornton commented that radio announcements could be used to generate more public awareness and participation. In honor of Black History Month, he commended Patricia A. Paige on her diligence and compassion and Sheryl Adams for her leadership. He also commended on the positive changes that have occurred in the Richmond region.

There were no other comments from members.

3. Next RRTPO Policy Board Meeting

The next meeting is scheduled for March 2, 2023, at the PlanRVA board room, 424 Hull Street, Suite 300, Richmond, VA 23224.

D. ADJOURNMENT:

Chair Lumpkins adjourned the meeting at approximately 10:46 p.m.



March 2, 2023

The Honorable Pete Buttigieg
Secretary of Transportation
United States Department of Transportation
1200 New Jersey Avenue, S.E.
Washington, D.C. 20590

RE: Virginia Department of Rail and Public Transportation Application for the
Federal Railroad Administration's Corridor Identification and Development
Program - Commonwealth Corridor

Dear Secretary Buttigieg:

This letter is to express the Richmond Regional Transportation Planning Organization's (RRTPO) support for the Virginia Department of Rail and Public Transportation's (DRPT) submission of an application for the Federal Railroad Administration (FRA) Corridor Identification and Development (CID) Program for the Commonwealth Corridor, the east-west passenger rail corridor in Virginia that connects the Hampton Roads region, including Norfolk and Newport News, with the Richmond region, Charlottesville, and Southwest Virginia. The Commonwealth Corridor will encompass existing state-sponsored passenger rail service that connects Hampton Roads to the Richmond/Petersburg area and, and future plans to fill the gap in passenger rail service between Richmond and Charlottesville along the freight route operated by Buckingham Branch Railroad. The intent is to eventually provide east-west service across Virginia in a single seat.

The RRTPO is committed to serving as the forum for cooperative transportation decision-making to assure excellence in mobility and safety within and through the Richmond region. The RRTPO helps facilitate collaboration and cooperation among all interested parties, including residents, in regard to the future of the region's transportation network. It is the belief of the RRTPO that the Commonwealth Corridor will complement east-west service in Virginia and will be a benefit to the residents of the region.

Please accept this letter of recommendation as an indication of support from the RRTPO for DRPT's application for the FRA CID Program for the Commonwealth Corridor. We thank you for your consideration and support of multimodal transportation options.

Sincerely,

John L. Lumpkins, Jr.
Chair, RRTPO Policy Board

Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond

PlanRVA, 424 Hull Street, Suite 300, Richmond, VA 23224



Richmond Regional
**Transportation
Planning
Organization**

Work Program Status Report

January 2023

The RRTPO Work Program Progress Report provides a short summary of each activity for the month of January 2023. Please reference the [FY 2023 UPWP](#) for details concerning the approved budget and work description for each task.

Table 1 identifies all the tasks in the UPWP and the associated budget and summarizes overall federal and local revenues budgeted by PlanRVA in FY 2023 to support the work of RRTPO. Federal funds budgeted constitute 80 percent of the total; State and local matching funds constitute 20 percent, unless otherwise noted.

TABLE 1. SUMMARY OF FY 2023 RRTPO UPWP BUDGET

| Work Task | RRTPO Budget | | | | |
|--------------------------------------|----------------|-----------|-----------|-----------|----------------|
| | PL | 5303 | CO 5303 | OTHER (1) | GRAND TOTAL |
| 7110 MPO Program Management | \$144,000 | \$36,000 | \$ - | \$ - | \$180,000 |
| 7120 UPWP Budget & Contract Admin. | \$51,200 | \$12,800 | \$ - | \$ - | \$64,000 |
| 7210 Public Outreach/Equity Analysis | \$220,000 | \$ - | \$ - | \$ - | \$220,000 |
| 7220 Special Planning Efforts | \$221,000 | \$ - | \$ - | \$ - | \$221,000 |
| 7230 Contingency Funding | \$84,748.50 | \$115,928 | \$330,889 | \$ - | \$531,565.50 |
| 7310 Long Range Transp Planning | \$28,000 | \$ - | \$ - | \$ - | \$28,000 |
| 7315 Scenario Planning | \$337,160 | \$84,290 | | \$243,550 | \$665,000 |
| 7320 Travel Demand Model | \$73,600 | \$18,400 | \$ - | \$200,000 | \$292,000 |
| 7330 Transit | \$ - | \$280,000 | \$ - | \$ - | \$280,000 |
| 7340 Act Transp-Bike/Ped | \$202,000 | \$ - | \$ - | \$ - | \$202,000 |
| 7350 System Resiliency | \$170,000 | \$ - | \$ - | \$ - | \$170,000 |
| 7410 Perf Based Transp Planning | \$69,472 | \$15,528 | \$ - | \$ - | \$85,000 |
| 7420 Financial Program / TIP | \$291,410 | \$70,590 | \$ - | \$ - | \$362,000 |
| 7430 Rail & Freight | \$41,882 | \$12,118 | \$ - | \$ - | \$54,000 |
| TOTAL (\$) | \$1,934,472.50 | \$645,653 | \$330,889 | \$443,550 | \$3,354,564.50 |

(1) 7310 funds are direct carryover from FY22. 7315 and 7320 funds are RSTBG funds for travel demand model development.

Program Management

| 7100 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|--------------------|---------|-------------------|----------------------|------------------------|-----------|
| Program Management | 244,000 | 23,209 | 149,340 | 61% | 13 |

- Developed agenda packets for RRTPO Policy Board, Executive Committee, Community Transportation Advisory Committee (CTAC) and Technical Advisory Committee (TAC).
- Coordinated, staffed and participated in above meetings.
- Drafted minutes of above meetings and posted along with other related documents.
- Completed RRTPO annual report for the City of Richmond.
- Completed Quarterly Work Status Report.
- Tracked UPWP progress and work task coordination.
- Met with Policy Board Chair to review February TPO agenda and packet.
- Held “First Look” event at PlanRVA office; provided tours and information to RRTPO Policy Board members and other interested parties.

Public Outreach & Equity Analysis

| 7210 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-----------------------------------|---------|-------------------|----------------------|------------------------|-----------|
| Public Outreach & Equity Analysis | 220,000 | 21,059 | 91,095 | 41% | 13 |

- Implemented community outreach tactics and submitted announcements to digital & print media to publicize meetings for RRTPO, PlanRVA, and the CVTA
- Published newsletter and blog for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Participated in planning meeting and outreach discussion for the development and use of the Richmond region Market Value Analysis.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, Title VI and work that is being undertaken in each of the nine jurisdictions.

Special Planning Efforts

| 7220 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|--------------------------|---------|-------------------|----------------------|------------------------|-----------|
| Special Planning Efforts | 221,000 | 12,693 | 91,731 | 42% | 20 |

- Continually update competitive funding spreadsheet of Federal and State infrastructure fund programs to share as a resource for all PlanRVA jurisdictions; posted new announcements of funding for the City, Henrico and Chesterfield through the Safe Streets for All USDOT program.

- Continued to collaborate and refine the small jurisdiction pilot program, setting up communication tools.
- For the Ashland Bike Ped plan update project, met Parks & Rec Advisory Committee on Jan 12 to introduce the scope and share preliminary findings, continue to collect GIS and reviewed supporting planning documents to be used as foundation for the update.

Contingency Funding

| 7230 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|---------------------|------------|-------------------|----------------------|------------------------|-----------|
| Contingency Funding | 531,565.50 | 0 | 0 | 0 | 18 |

No funds expended this period.

Long-Range Transportation Plan

| 7310 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-------|--------|-------------------|----------------------|------------------------|-----------|
| L RTP | 28,000 | 2,916 | 29,795 | 106% | 19 |

- Participated in the hiring process of the advertised Data Analyst position. The hiring process included reviewing the resume, shortlisting the prospective candidates, and setting up the interviews with the prospective candidate.

External Transportation Study Meetings

- Attended Association of Metropolitan Planning Organization (AMPO) Interest group Orientation Meeting on January 25
- Attended the Route 288 and Genito Road Interchange Alternatives Report Working Group Meeting via Zoom on January 9.

Scenario Planning

| 7315 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-------------------|---------|-------------------|----------------------|------------------------|-----------|
| Scenario Planning | 665,000 | 74,711 | 242,372 | 36% | 20 |

- Continued coordination with the consultant team to kickstart the scenario planning process.
- Continued work on the technical aspects of the process including review of proposed data and models.

- Outreach to the potential candidates for the Scenario Planning Advisory Committee (SPAC).
- Organized and attended SPAC Kick-off meeting on January 18

(Also refer to 7350 Systems Resilience Plan for work completed or in progress that will also support the Scenario Planning.)

Travel Demand Model (RTDM)

| 7320 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|------|---------|-------------------|----------------------|------------------------|-----------|
| RTDM | 292,000 | 5,555 | 53,959 | 18% | 21 |

Socioeconomic Data

- Socioeconomic data development for the year 2050.
- Finalized all data variables at the TAZ level for 2050.
- Data QA/QC is being done before it is sent to the localities for review.

RTC Model Runs

- RTC model-runs to calculate the performance measures for the submitted projects for the annual Regional Project prioritization process to allocate STBG/CMAQ regional funds.

Data Request

- Provided the latest RTC Model to the consultants (AECOM) for the Tabletop Infrastructure Assessment project for the City of Richmond.
- Provided the latest RTC Model to the consultants (Michael Baker International) for the Greater Richmond Transit Company (GRTC)'s North/South BRT Plan.

Transit

| 7330 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|---------|---------|-------------------|----------------------|------------------------|-----------|
| Transit | 280,000 | 20,087 | 137,696 | 49% | 22 |

- Public Transportation Services
- Reviewed the following documents:
 - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
 - The Future of Mobility Post-COVID
 - Autonomous Vehicles (National League of Cities, Center for City Solutions)
 - Making Better Places: Autonomous Vehicles and future Opportunities
- Developed and submitted updates on regional transportation developments for presentation January 5 meeting of the Hanover Human services Network, the January 11 Goochland Community Partners meeting, the January 19 meeting of the New Kent Resource Council and the February 8 meeting of the Human Services Transportation Coordination Entity Steering Committee.

- Met with staff members Sulabh Aryl and Rashaunda Lanier-Jackson to develop a plan for presenting to CTAC opportunities for increased engagement.
- Observed the January 17 meeting of the GRTC Board of Directors and prepared a report on the primary meeting topics.
- Participated in the January 20 Smart Mobility Connections seminar, “Uber & Lyft in U.S. Cities: Findings and Recommendations.”
- Participated in the January 24 in-person meeting of the New Kent Community Health Improvement Plan Steering Committee.
- Participated in the January 25 webinar, “Update on Aging in Virginia.”
- Participated in the January 25 Shared Use Mobility Center webinar, “Micromobility in Local Climate Strategies.”
- Prepared a draft spreadsheet summarizing available transportation services in the region.

Active Transportation: Bicycle and Pedestrian

| 7340 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-----------------------|---------|-------------------|----------------------|------------------------|-----------|
| Active Transportation | 202,000 | 20,984 | 127,092 | 63% | 23 |

- Participated in the virtual Jan. 10 Virginia Trails Alliance meeting.
- Participated in the Jan. 19 webinar “Harnessing the Power of Trail Networks: TrailNation” by the Rails-to-Trails Conservancy. It is part of an on-going series of webinars.

Fall Line

- Staff participated in the Jan. 4 Friends of the Fall Line meeting, which included a review of the [Vision Plan](#) launched by Sports Backers. Staff also participated in the Jan. 11 information session.
- Staff continued to track Fall Line discussion and decision-making at CVTA and TAC meetings.
- Staff is working with regional and state partners on presentation for a panel discussion at the April 25-27 Virginia Land Conservation and Greenways Conference (VaULT).

Richmond Regional Bicycle and Pedestrian Plan

- Updates on projects contributing to the regional Active Transportation network continue to be made to the [BikePedRVA 2045 Information Hub](#).
- Staff continues to work with Chesterfield County planners to discuss a special focus area plan for the area around Chippenham Parkway and Ironbridge Road and the potential impact for regional connections for the East Coast Greenway, Fall Line, and connections to the City of Richmond.
- Chesterfield has also included PlanRVA staff on efforts to apply for three RAISE grants for potential projects in the county that have active transportation elements.

Ashland Trolley Line Trail Study

- Additional information and images continue to be added to a [story map](#) for the project which illustrates the history and potential for the 14-mile Trolley Line Trail, essentially serving as the northern portion of the Fall Line.
- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Richmond, Ashland, Hanover, and Henrico counties on researching community stories centered around the operational period of the trolley line (ca. 1919-1938). We have filed a request to continue working with the NPS on this project through 2023 on an expanded project.
- Our current efforts are working with Virginia Union University (VUU), NPS, City of Richmond, and a VCU graduate student on a kick-off event on Feb. 23 at VUU.

East Coast Greenway

- Staff also continue to work with ECG on updates to alignment and designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail.
- Staff is working with ECG on the Spring Virginia Summit, expected to be in April.

Systems Resilience Plan

| 7350 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|---------------------|---------|-------------------|----------------------|------------------------|-----------|
| Systems Resil. Plan | 170,000 | 15,149 | 89,429 | 53% | 24 |

- DOF Urban & Community Forestry Grant for Urban Cooling InVEST Model has been accepted. A search for a student intern to assist with the project is underway. Four high quality applicants have been invited to interview. A technical training on the expected methodology and the InVEST model was provided for members of the Environmental TAC.
- FEMA has placed a temporary nationwide hold on all SHSP National Priority Grants, which includes PlanRVA's Critical Infrastructure Mapping Project. Therefore, work has been placed on hold until word is received from FEMA that work can recommence.
- On January 25th-26th, Homeward piloted the use of ESRI tools provided through partnership with PlanRVA during their semi-annual PIT Count to assess homelessness. The pilot project was a success and an MOU has been drafted to formalize ongoing cooperation between the two organization. PlanRVA now has access to a growing body of data around homelessness that will bolster our vulnerability assessments, transportation planning, and scenario planning efforts.
- Determined that pursuing SolSmart Regional Designation would be beneficial to the resilience of the region and will leverage additional resources and technical assistance for localities to streamline and reduce the cost of solar investments. A

Commitment Letter has been drafted and is awaiting signature by the Executive Director.

- Developed a preliminary outline brief for the primary pillars of resilience report and discussed the development of webpage content.
- Continued internal discussion on resilience metrics in Scenario Planning, especially regarding land use, nutrient loading, and human health.
- Continuing discussions with NASA DEVELOP to develop a Pluvial Flooding Mapping project for the summer term, which will enhance flooding risk analyses.

Performance Based Transportation Planning

| 7410 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-------------------------------|--------|-------------------|----------------------|------------------------|-----------|
| Perf. Based Transp. Planning. | 85,000 | 2,724 | 15,996 | 19% | 25 |

Federal Performance Measures:

Compiled and reviewed data relating to the federal performance measures for safety, system performance and system reliability. Prepared submission letters to OIPI and VDOT agreeing to program projects which will support the targets set by VDOT.

Transportation Improvement Program (TIP)

| 7420 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|------|---------|-------------------|----------------------|------------------------|-----------|
| TIP | 362,000 | 19,814 | 139,789 | 39% | 26 |

FY21 – FY24 TIP Maintenance:

- Submitted two (2) TIP amendments for VDOT projects approved at the 1/5/23 Policy Board meeting. [Amendment notes here.](#)
- Prepared two(2) TIP amendments for February Policy Board action:
 - UPC 121682 – I-64/ASHLAND ROAD INTERCHANGE IAR
 - GRTC005: Bus Stop Amenities (GRTC Service Area)
- Prepared one (1) TIP amendment for February TAC review and recommendation:
 - UPC 122805: I-64 GAP IMPROVEMENTS – SEGMENT A
- Processed two TIP adjustments to group previously ungrouped projects. [Adjustment notes here.](#)

FY24 – FY27 TIP Development:

- Reviewed project information provided 1/12 for correction; revised version 1/25
- Developed draft conformity project list for TAC review in February in coordination with Tri-Cities MPO
- Drafted additional sections of the TIP document
- Prepared TIP website with new project information

Regional Funding

- Completed travel demand modeling for new project evaluation
- Existing projects reviewed at January TAC meeting; continued to February
- TAC initiated analysis and detailed explanations of historic overruns; prepare for policy review discussion in February
- Completed two closeout transfers:
 - \$14,685 in FY09 CMAQ from UPC 77071 to UPC 70719
 - \$115,165 in FY07 RSTP from UPC 19001 to UPC 70721

Funding Applications

- Reviewed staff recommended funding scenario for Smart Scale Round 5
- Developed leveraging evaluation and model for future project applications
- Prepared ROI assessment for TPO and CVTA leveraged funds

Rail, Freight, Intermodal Planning

| 7430 | BUDGET | Billed this month | Total Funds Expended | % Total Funds Expended | UPWP Page |
|-----------------------------------|--------|-------------------|----------------------|------------------------|-----------|
| Rail, Freight, Interim. Planning. | 54,000 | 0 | 7,762 | 14% | 27 |

RRTPO Freight Planning Program

- No Work done in this period.

POLICY BOARD AGENDA 3/2/23; ITEM B.-2.

FFY22 TIER II GROUP TAM PERFORMANCE TARGETS

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review and approve the FFY22 Tier II Group TAM performance targets and incorporation into the Transportation Improvement Program.

BACKGROUND: The National Transit Asset Management System Final Rule (49 U.S.C. 625) requires transit agencies that receive federal financial assistance under 49 U.S.C. Chapter 53 and own, operate, or manage capital assets used in the provision of public transportation create a Transit Asset Management (TAM) plan. Transit agencies can fulfill this requirement through an individual or group plan.

The Department of Rail and Public Transportation (DRPT) sponsors a Tier II Group TAM Plan for Tier II transit agencies. A Tier II transit agency is a subrecipient of FTA 5311 funds, or is an American Indian Tribe, or has 100 or fewer vehicles across all fixed route modes, or has 100 vehicles or less in 1 non-fixed route mode.

DRPT published a new FFY22 Virginia Group Tier II Transit Asset Management Plan on October 1, 2022, after The Plan was adopted by the 33 transit agencies who were eligible to participate in the plan. Bay Transit which serves the eastern counties in the region is a participating Tier II agency. The RRTPO can elect to follow the group plan performance targets or to set regionally developed targets.

FFY2023 TAM Targets for rolling stock and facilities for Tier II transit agencies:

| Asset Category – Performance Measure | Asset Class | FFY2022 |
|---|------------------------|---------|
| Revenue Vehicles | | |
| Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB) | AB – Articulated Bus | 5% |
| | BU – Bus | 15% |
| | CU – Cutaway | 10% |
| | MV – Minivan | 20% |
| | BR – Over-the-Road Bus | 15% |
| | | |

| | | |
|---|---------------------------------------|-----|
| | VN – Van | 20% |
| Equipment | | |
| Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB) | Non-Revenue/Service Automobile | 30% |
| | Trucks and other Rubber Tire Vehicles | 30% |
| | | |
| Facilities | | |
| Condition - % of facilities with a condition rating below 3.0 on the FTA TERM Scale | Administrative Facilities | 10% |
| | Maintenance Facility | 10% |
| | Passenger Facilities | 15% |
| | Parking Facilities | 10% |

TAC ACTION REQUESTED: The following resolution is presented for RRTPO approval:

RESOLVED, that the Richmond Regional Transportation Planning Organization Policy Board adopts the FFY2022 Tier II TAM targets and incorporates them into the Transportation Improvement Program.



March 2, 2023

Wood Hudson
Statewide Transit Planner
Virginia Department of Rail and Public Transportation
600 East Main Street, Suite 3102
Richmond, VA 23219

Dear Mr Hudson,

Richmond Regional Transportation Planning Organization has reviewed and adopted Federal Fiscal Year TAM targets into the Transportation Improvement Program on 3/2/23. A copy of the MPOs updated TIP is available [here](#).

- RRTPO has opted to adopt the FFY22 Virginia Group Tier II Transit Asset Management Plan targets published in the TAM plan on October 1, 2022.

Respectfully,

Chet Parsons, AICP CTP



Secretary
Richmond Regional Transportation Planning Organization
804.924.7039 (o) 804.677.9977 (m)

c/o PlanRVA
424 Hull Street, Suite 300
Richmond, Virginia 23224
www.PlanRVA.org

POLICY BOARD AGENDA 3/2/23; ITEM B.-3.

FY21 – FY24 TIP AMENDMENTS: UPC 122805: I-64 GAP IMPROVEMENTS – SEGMENT A

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Review a request from VDOT to amend the FY21 – FY24 Transportation Improvement Program (TIP) to add state funding and additional phases to an existing project.

BACKGROUND: The RRTPO Policy Board has received a request from VDOT to amend the TIP to revise the planned obligations on UPC 122805: I-64 Gap Improvements – Segment A. The project currently has the preliminary engineering (PE) phase programmed in the TIP. The proposed amendment would add state funding for right-of-way (\$1,000,000) and construction (\$249,813,744), both in fiscal year 2023. As a state funded project, there is no impact on *federal* funding obligations.

Major work proposed in this project includes:

- 2 bridge widening/rehabilitations (EB/WB I-64 over Route 155 - N. Courthouse Road)
- 10.7 miles of I-64 roadway widening and pavement rehabilitation within the existing right-of-way
- Overhead signage and ITS Systems
- Sound Barrier Walls
- Retaining Walls
- Box Culvert and Pipe Repairs
- Storm Drainage Box Culverts and Pipes

A request for proposals for this project is expected this spring with a design-build contract award scheduled for this fall. The proposed amendments are necessary for the project to advance.

TAC RECOMMENDATION: TAC recommends approval of the TIP amendment.

PUBLIC REVIEW: The proposed amendment was posted on the RRTPO website for a 15-day review period, consistent with the Public Engagement Plan, between February 15 and March 1. Any comments received during this comment period will be shared with the board prior to the meeting and action on this item.

ACTION REQUESTED: The following resolution is presented for consideration:

RESOLVED, that the Richmond Regional Transportation Planning Organization Policy Board amends the *FY21 – FY24 Transportation Improvement Program (TIP)* to revise the planned obligations on UPC 122805: I-64 GAP IMPROVEMENTS – SEGMENT A to include:

- \$1,000,000 in Other (State) funding for Right-of-Way in fiscal year 2023
- \$249,813,744 in Other (State) funding for Construction in fiscal year 2023

Attachments

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 122805

Jurisdiction: New Kent County
Route/Street: I-64
Description: I-64 GAP IMPROVEMENTS - SEGMENT A
Scope: Reconstruction with Added Capacity
From: EXIT 205 BOTTOMS BRIDGE
To: EXIT 214 N. COURTHOUSE RD
Length: 10.7MI
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

No Image Available

Schedule

| Phase | Start | End | Status |
|-------------------------------|-------|-----|--------|
| Preliminary Engineering (PE): | | | |
| Right of Way (RW): | | | |
| Construction (CN): | | | |

Cost Estimates / Previous Obligations

| | |
|-----------------------|---------------|
| Cost Estimates | |
| PE: | |
| RW: | |
| CN: | |
| Total: | \$277,828,078 |

Goals addressed

| | | | | | |
|---------|------------|-------------|------------|-------------|-----------|
| Access | No | Congestion | Yes | Environment | No |
| Freight | Yes | Landuse | No | Maintenance | No |
| Safety | Yes | Reliability | Yes | Multimodal | No |

Federal Obligations

| | | | Federal Obligations | | | |
|-------|-------------|-------|---------------------|------|---------------|------|
| Phase | Fund Source | Match | FY21 | FY22 | FY23 | FY24 |
| PE | OTHER | \$0 | \$0 | \$0 | \$27,014,334 | \$0 |
| RW | OTHER | \$0 | \$0 | \$0 | \$1,000,000 | \$0 |
| CN | OTHER | \$0 | \$0 | \$0 | \$249,813,744 | \$0 |

Amendments

Amd 42 3/2/2023 Approved

1). Add FY23 RW Phase and obligate \$1,000,000 State Other funds. 2). Add FY23 CN Phase and obligate \$249,813,744 State Other funds.

Date Requested 1/17/2023

POLICY BOARD AGENDA 3/2/23; ITEM B-4.

REGIONAL CONFORMITY ASSESSMENT PROJECT LIST

Richmond Regional Transportation Planning Organization

REQUESTED ACTION: Approve the draft list of projects from the FY24 – FY27 Transportation Improvement Program and ConnectRVA 2045 for air quality conformity analysis and authorize TAC to open the public comment periods on the conformity analysis and draft TIP in March.

BACKGROUND: As part of the FY24 – FY27 TIP development, the Richmond-Petersburg Area is required to demonstrate conformity under the Clean Air Act (CAA). While in attainment for all current emissions standards, the region was a nonattainment area, and later a maintenance area, for the 1997 8-hour ozone standard. In 2018, the D.C. Circuit Court issued a decision in South Coast Air Quality Management District v. EPA which requires all nonattainment or maintenance areas under the 1997 standards to demonstrate conformity for the LRTP and the TIP, even when in attainment under the more stringent 2015 standards. The constrained list of projects in the ConnectRVA 2045 plan along with the ungrouped projects in the draft FY24-27 TIP that are located within the former 8-hour ozone maintenance area will constitute the RRTPO set of projects for this analysis. Staff is finalizing review of the project list with VDOT and DRPT; the attached list may be updated for the meeting.

The interagency consultation meeting is scheduled to take place before the March 14, 2023, TAC meeting. To accommodate the STIP development schedule, the proposed resolution would also authorize the TAC to review the conformity report and draft TIP and open public comment on both documents. The public review period is scheduled to run concurrently for both reports.

TAC RECOMMENDATION: TAC recommends approval of this resolution.

ACTION REQUESTED: The following resolution is presented for consideration:

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board approves the attached list of ungrouped projects from the draft FY24 – FY27 Transportation Improvement Program and ConnectRVA 2045 as the universe of RRTPO projects for air quality conformity analysis as required by federal regulations (23 CFR § 450.326).

FURTHER RESOLVED, that the RRTPO policy board authorizes the TAC to review and open public comment on the draft FY24 – FY27 TIP and Regional Conformity Assessment at the March 14, 2023, meeting.

Attachment

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|--------------|--------|--|---|---|--------------------------|--------------|-------------|-----------------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Ashland | | I-95 & VA-54 - Connection SB I-95 off-ramp to Hill Carter Pkwy | | | Interchange Improvement | | | Interstate | 2027 | | X | Yes |
| | RRTPO | Ashland | | I-95 & VA-54 - Conversion of the interchange to a Diverging Diamond (DDI) (Exit 92) | | | Interchange Improvement | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Ashland | | VA-54 - Widening with added capacity | Frances Rd | East Corporate Limits | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Ashland | | US-1 - Widening with added capacity | US-54 | Archie Cannon Dr | Widening | 4 | 5 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Ashland | | US-1 - Widening with added capacity | Ashcake Rd | Southern Town Limits | Widening | 4 | 6 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Chesterfield | | VA-76 (Powhite Pkwy Ext) - Powhite Parkway Extension Phase 1. Little Tomahawk Creek to Woolridge Rd (2 to 4 lanes), Charter Colony Pkwy (Grade-Separation), Brandermill Pkwy(Overpass) | Little Tomahawk Creek | Woolridge Rd | New Road | 0 | 2 | Future Urban Expressway | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | VA-76 (Powhite Pkwy Ext) - Powhite Parkway Extension Phase 2. Woolridge Rd to Genito Rd (0-2 Lanes), Otterdale Rd overpass, at-grade Genito Rd intersection. Genito Rd Magnolia Green Pkwy (0 to 2 lanes), at-grade Magnolia Green Pkwy Intersection | Woolridge Rd | Magnolia Green Pkwy | New Road | 0 | 2 | Future Urban Expressway | 2027 | | X | Yes |
| | RRTPO | Chesterfield | 112974 | RTE 668 (WOOLRIDGE ROAD, RT 288-OLD HUNDRED ROAD) EXTENSION | 0.299 MI South of Rte 652 | 0.435 MI North of Rte 288 | New Road | 0 | 4 | Future Urban Minor Arterial | 2025 | X | X | Yes |
| | RRTPO | Chesterfield | 111467 | #SMART18 - SB Rt 288 to WB US 360 WB Off-Ramp | 0.046 MI. N of Route 360 (Hull Street Rd.) | 1.135 MI. N. of Route 360 (Hull Street Rd.) | Interchange Improvements | | | Interstate | 2025 | X | X | Yes |
| | RRTPO | Chesterfield | | I-95 - Widening with added capacity | Exit 62 (VA-288) | Exit 64 (Willis Rd) | Widening | 6 | 8 | Interstate | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | I-95 & VA-10 - Construction of a new Partial Cloverleaf Interchange (Exit 61) Reconfigure interchange ramps to accommodate the partial cloverleaf configuration: Eliminate southbound I-95 to eastbound Route 10 off-ramp, Eliminate northbound I-95 to westbound Route 10 off-ramp, Realign westbound Route 10 to northbound I-95 on-ramp | | | Interchange Improvement | | | Interstate | 2045 | | X | Yes |
| | RRTPO | Chesterfield | | I-95 & Willis Rd - Construction of a new Double Roundabout Interchange (Exit 64) | | | Interchange Improvement | | | Interstate | 2045 | | X | Yes |
| | RRTPO | Chesterfield | 111713 | #SMART18 - BBC Ph 1 - Bailey Br Conn., Brad McNeer Conn. | BRAD MC NEER PKWY | BAILEY BRIDGE ROAD | Interchange Improvements | | | Urban Expressway | 2027 | X | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & Dalebrook Dr - Elimination of On and Off-Ramps | | | Interchange Improvement | | | Urban Expressway | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & Dalebrook Dr - Elimination of On and Off-Ramps | | | Interchange Improvement | | | Urban Expressway | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & Strathmore Rd - Elimination of On and Off-Ramps | | | Interchange Improvement | | | Urban Expressway | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & Strathmore Rd - Elimination of On and Off-Ramps | | | Interchange Improvement | | | Urban Expressway | 2033 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & Hopkins Rd - Construction of a diverging diamond interchange | | | Interchange Improvement | | | Urban Expressway | 2039 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & US-360 - Removal of SE, NE loops and signalization of NB ramp terminal | | | Interchange Improvement | | | Urban Expressway | 2039 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & US-60 - Construction of a Partial Cloverleaf Interchange with contraflow left turns | | | Interchange Improvement | | | Urban Expressway | 2039 | | X | Yes |
| | RRTPO | Chesterfield | | VA-288 - Widening with added capacity | VA-76 (Powhite Pkwy) | US-360 | Widening | 4 | 6 | Urban Expressway | 2039 | | X | Yes |
| | RRTPO | Chesterfield | | VA-150 & US-1 - Reconfiguration of the interchange to partial cloverleaf | | | Interchange Improvement | | | Urban Expressway | 2045 | | X | Yes |
| | RRTPO | Chesterfield | | VA-288 & US-360 - 1) Construction of Route 288 NB Flyover Ramp (1 lane) widening to 2 lanes at partial Diverging Diamond Interchange (DDI), 2) Reconstruction of SB on-ramp, 3) Realignment and widening of SB off-ramp to 2 lanes before DDI, 4) Roundabouts: Bailey Bridge Connector at Commonwealth Centre Connector (2 lane), Commonwealth Centre Connector at Commonwealth Centre Parkway (1 lane), 5) Cul-de-sac Commonwealth Centre Parkway | | | Interchange Improvement | | | Urban Expressway | 2045 | | X | Yes |
| | RRTPO | Chesterfield | | Old Hundred Road - Widening with added capacity | US-60 | Mt Hermon Rd | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Chesterfield | 107083 | RTE 621 (WINTERPOCK, 360-ROYAL BIRKDALE) - MAJOR WIDENING | 1.435 MI S INT RTE 360 (HULL STREET ROAD) | RTE 360 (HULL STREET ROAD) | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Chesterfield | | Otterdale Rd - Widening with added capacity | US-360 | Woolridge Rd | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Chesterfield | 101020 | #HB2.FY17 RTE 10 (BERMUDA TRIANGLE RD TO MEADOWVILLE RD) | 1.73 mi. W of Rte. 618 (OLD BERMUDA HUNDRED RD) | 0.27 mi. E of Rte. 618 (OLD BERMUDA HUNDRED ROAD) | Widening | 4 | 6 | Urban Principal Arterial | 2022 | X | | Yes |
| | RRTPO | Chesterfield | 102952 | RTE 10 (I-95 - Rt 1) - WIDENING | 0.087 MI W RTE 1 (JEFF DAVIS HWY) | 0.507 MI E RTE 1 (JEFF DAVIS HWY) | Widening | 4 | 6 | Urban Principal Arterial | 2020 | X | | Yes |
| | RRTPO | Chesterfield | 104889 | RT 10 (Whitepine to Frith) WIDENING | 0.787 MI N. of Rte. 288 | 1.110 MI S. of Rte. 288 | Widening | 4 | 6 | Urban Principal Arterial | 2022 | X | X | Yes |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|-----------------------|--------|--|--|---|--------------------------|--------------|-------------|-----------------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Chesterfield | 104890 | RTE 360 E (Lonas Pkwy to Castle Rock Rd) - WIDENING | 0.190 Miles West of Bridgewood Rd. | 0.029 Miles East of Castle Rock Rd. | Widening | 5 | 6 | Urban Principal Arterial | 2022 | X | X | Yes |
| | RRTPO | Chesterfield | | US-360 - Widening with added capacity | E. of Cosby Rd | Magnolia Green Pkwy | Widening | 4 | 6 | Urban Principal Arterial | 2045 | | X | Yes |
| | RRTPO | Chesterfield/Richmond | | I-95 - Construction of an SB auxiliary lane between Exit 67 (VA-150) and Exit 69 (Bells Rd) | Exit 67 (VA-150) | Exit 69 (Bells Rd) | Auxiliary Lane | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Hanover | | I-295 & Creighton Rd - Widening of the NB VA- 288 Off- Ramp to Two Lanes. | I-295 NB | Creighton Rd NB | Interchange Improvement | | | Interstate | 2027 | | X | Yes |
| | RRTPO | Hanover | 104957 | #HB2.FY17 RTE 656 - SLIDING HILL ROAD CORRIDOR | 0.35 MI W RTE 1265 (TOTOPOTOMOY TRAIL) | 0.676 MI E RTE 1265 (TOTOPOTOMOY TRAIL) | Widening | 2 | 4 | Urban Minor Arterial | 2020 | X | | Yes |
| | RRTPO | Hanover | 109260 | POLE GREEN RD WIDENING | Bell Creek Road | Rural Point Road | Widening | 2 | 4 | Urban Minor Arterial | 2029 | X | X | Yes |
| | RRTPO | Hanover | | Pouncey Tract Rd - Widening with added capacity (0.25 mi) | Henrico Co. Line | Ashland Rd | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Hanover | | US-33 - Widening with added capacity (1.3 mi) | Overhill Lake Ln | Winns Church Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Hanover | | Creighton Rd - Widening with added capacity (1.1mi) | I-295 | Cold Harbor Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Hanover | | Meadowbridge Rd - Widening with added capacity (1.35 mi) | Henrico Co. Line | Atlee Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Hanover | | Rural Point Rd - Widening with added capacity (2.1 mi) | Studley Rd | Pole Green Rd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | US-33 - Widening with added capacity (2.4 mi) | Winns Church Rd | Ashland Rd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | Ashland Rd - Widening with added capacity (2.65 mi) | US-33 | Blanton Rd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | New Ashcake Rd - Construction of a new 2-lane road (1.75 mi) | New Ashcake Rd | Air Park Rd | New Road | 0 | 2 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | Pole Green Rd - Widening with added capacity (1.85 mi) | Rural Point Rd | Walnut Grove Rd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | Pole Green Rd - Widening with added capacity (2.15 mi) | Walnut Grove Rd | US-360 | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Hanover | | Rural Point Rd - Widening with added capacity (2.6 mi) | US-301 | Studley Rd | Widening | 2 | 4 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Hanover | | Ashland Rd - Widening with added capacity (3.7 mi) | Henrico Co. Line | US-33 | Widening | 2 | 4 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Hanover/Henrico | | I-295 - Construction of a SB auxiliary lane between the existing lane drop on I-295 SB and Chamberlayne Rd (Exit 41) off ramp (0.4mi) | I-95 Southbound Branch | Chamberlayne Rd (Exit- 41) off ramp | Auxiliary Lane | | | Interstate | 2027 | | X | Yes |
| | | Henrico | | Magellan Parkway Bridge and Approach Section | Park Central Dr | I-95 | New Bridge | 0 | 2 | Future Urban Minor Arterial | 2025 | X | | Yes |
| | RRTPO | Henrico | | Magellan Pkwy Extension Phase 3 (East of I-95) | Park Central Dr | Green City | New Road | 0 | 2 | Future Urban Minor Arterial | 2024 | X | X | Yes |
| | RRTPO | Henrico | | Magellan Pkwy Extension Phase 1 (Retreat @ One) | I-95 | US-1 | New Road | 0 | 2 | Future Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Henrico | 107458 | #HB2.FY17 RTE 64 - MAJOR WIDENING | RTE 295 | EXIT 205 (BOTTOM'S BR) | Widening | 4 | 6 | Interstate | 2019 | X | | Yes |
| | RRTPO | Henrico | 120374 | #I64CIP - I-64WB EXIT 181 IMPROVE INTERCHANGE CONFIGURATION | MM 181 | MM 181 | Interchange Improvements | | | Interstate | 2027 | X | | Yes |
| | RRTPO | Henrico | 120380 | #I64CIP - I-64 E/WB - BROAD STREET - SHORT PUMP BUS SERVICE | | | Public Transportation | | | Interstate | 2027 | X | | Yes |
| | RRTPO | Henrico | 120384 | #I64CIP - I-64 INCREASE BUS FREQUENCY- RTE7 / NINE MILE ROAD | | | Public Transportation | | | Interstate | 2027 | X | | Yes |
| | RRTPO | Henrico | | I-295 - Widening of the cross-section between I-295 SB deceleration and Exit 43 (Brook Rd) to a two-lane section (0.5mi) | I-295 SB deceleration lane | Exit 43 C | Interchange Improvement | | | Interstate | 2027 | | X | Yes |
| | RRTPO | Henrico | | I-295 - Construction of a single northbound auxiliary lane between the onramp from Nuckols Road SB (Exit 51) on-ramp and I-295 NB and I-64 Branch | Nuckols Rd (Exit 51) | Western Terminus | Auxiliary Lane | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-295 - Widening to a two-lane section from I-95 SB on ramp onto I-295(Exit 43) NB to end of C-D lane (0.5 mi) | I-95 SB on ramp | Exit 43 C | Interchange Improvement | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-64 - Construction of an auxiliary lane between Exit 180 (Gaskins Rd) and Exit 181 (Parham Rd) | Exit 180 | Exit 181 | Auxiliary Lane | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-64 - Construction of an auxiliary lane between Exit 183 (US 250) and Exit 185 (US-33) | Exit 183 | Exit 185 | Auxiliary Lane | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-64 - Construction of an auxiliary lane between Exit 183 (US 250) and Exit 185 (US-33) | Exit 183 | Exit 185 | Auxiliary Lane | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-64 & US-33 - Addition of a southbound through lane on Staples Mill Road between I-64 west on-ramp and I-64 east on-ramp. New two-phase signal at a widened, 2 lanes to 3 lanes, I-64 off ramp to limit SB weaving. Intersection improvements include added capacity at the US-33 and Bethlehem Rd intersection via additional turn bays and an RCUT/directional median at Millstone Rd | | | Interchange Improvement | | | Interstate | 2033 | | X | Yes |
| | RRTPO | Henrico | | I-64 - Construction of an auxiliary lane between Exit 181 (Parham Rd) and Exit 183 (US-250) | Exit 181 | Exit 183 | Auxiliary Lane | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Henrico | | I-64 & Parham Rd - Improvement of Interchange Configuration. Widening EB ramp terminal to include dual right turn lanes | | | Interchange Improvement | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Henrico | | I-95 & Parham Rd - Construction of a new Partial Cloverleaf Interchange (Exit 83). Improve interchange configuration at Parham Road to remove weaving movements. | | | Interchange Improvement | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Henrico | | I- 64 & N. Gayton Rd - Construction of a new Interchange at I-64 in Short Pumo | | | New Interchange | | | Interstate | 2045 | | X | Yes |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|------------------------------------|--------|---|--|--|-------------------------|--------------|-------------|-----------------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Henrico | | I-64 - Construction of an EB & WB auxiliary lane between Exit 178 (US-250) and Exit 180 (Gaskins Rd). Reconstruction of Cox Rd Bridge. Widening of EB US-250 (W Broad Street/US Short Pump) to EB I-64 ramp to two lane. | Exit 178 | Exit 180 | Auxiliary Lane | | | Interstate | 2045 | | X | Yes |
| | RRTPO | Henrico | | I-64 & Gaskins Rd - Improvement of Interchange Configuration. Convert Interchange to Partial-Cloverleaf. Removal of eastbound I-64 off-ramp to northbound Gaskins Road loop ramp and the westbound I-64 off-ramp to southbound Gaskins Road loop ramp. Allow left turn movements from the remaining eastbound and westbound I-64 off-ramps by installing left turn lanes and signalized ramp terminals. | | | Interchange Improvement | | | Interstate | 2045 | | X | Yes |
| | RRTPO | Henrico | 50529 | RTE 9999 (THREE CHOPT ROAD) WIDEN TO 4 LANES | 1.076 MI W INT. COX ROAD | 0.241 MI E INT. GASKINS ROAD | Widening | 2 | 4 | Urban Minor Arterial | 2026 | X | X | Yes |
| | RRTPO | Henrico | 60933 | RTE 9999 - DABBS HOUSE RD; RECONSTRUCTION | INT. DABBS HOUSE ROAD AND NINE MILE ROAD | 0.075 MI. N OF INT. DABBS HOUSE RD & E RICHMOND RD | Widening | 2 | 4 | Urban Minor Arterial | 2022 | X | | Yes |
| | RRTPO | Henrico | 111716 | #SMART8 - RICHMOND-HENRICO TURNPIKE -- SOUTH SGMT | LABURNUM AVENUE | HUMMINGBIRD RD | Widening | 2 | 4 | Urban Minor Arterial | 2025 | X | X | Yes |
| | RRTPO | Henrico | | Springfield Rd - Widening with added capacity and pedestrian accommodations | Staples Mill Rd | Francistown Rd | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Henrico | | Woodman Rd - Widening with added capacity and pedestrian accommodations | Hermitage Rd | Hilliard Rd | Widening | 2 | 4 | Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Henrico | | Pouncey Tract Rd - Widening with added capacity (to include center turnlane, two through lanes each direction) and bike/ped facilities | Nuckols Rd | Grey Oaks Park Dr | Widening | 2 | 5 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Pump Rd - Widening with added capacity and pedestrian accommodations | Walbrook Rd | Waltham Dr | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Three Chopt Rd - Widening with added capacity and pedestrian accommodations | Skipwith Rd | Horsepen Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Charles City Rd - Widening with added capacity | Laburnum Ave | Monahan Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Creighton Rd - Widening with added capacity and bike/ped facilities | Sandy Ln | City Limits | Widening | 2 | 3 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Darbytown Rd - Widening with added capacity and pedestrian accommodations | S Laburnum Ave | Doran Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Lauderdale Dr - Widening with added capacity and bike/ped facilities | Westbriar Dr | Eadenbury Dr | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Masonic Ln/Brittles Ln - Widening with added capacity and bike/ped facilities | Nine Mile Rd | Williamsburg Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Nuckols Rd - Widening with added capacity and pedestrian accommodations | Shady Grove Rd | Springfield Rd | Widening | 4 | 6 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Pouncey Tract Rd - Widening with added capacity and pedestrian accommodations | US-250 | N. Gayton Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | Pouncey Tract Rd - Widening with added capacity and pedestrian accommodations | Grey Oaks Park Dr | N. Gayton Rd | Widening | 2 | 4 | Urban Minor Arterial | 2033 | | X | Yes |
| | RRTPO | Henrico | | River Road - Widening with added capacity and pedestrian accommodations | Sleepy Hollow Rd | E/O VA-150 | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Springfield Rd - Construction of a new two-lane road with bike/ped facilities | Francistown Rd | Olde Millbrooke Way | New Road | 0 | 2 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Three Chopt Rd - Widening with added capacity and pedestrian accommodations | Gaskins Rd | N Parham Rd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Charles City Rd - Widening with added capacity | Williamsburg Rd | Eastport Blvd | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Church Rd - Widening with added capacity and bike/ped facilities | Three Chopt Rd | John Rolfe Pkwy | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Creighton Rd - Widening with added capacity and bike/ped facilities | Cedar Fork Rd | Hanover County Line | Widening | 2 | 4 | Urban Minor Arterial | 2039 | | X | Yes |
| | RRTPO | Henrico | | Richmond Henrico Tpk - Widening with added capacity and bike/ped facilities | Hanover County Line | Railroad Crossing | Widening | 2 | 4 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Henrico | | Woodman Rd - Widening with added capacity and pedestrian accommodations | Mountain Rd | Hungary Rd | Widening | 2 | 4 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Henrico | | S Airport Dr - Widening with added capacity and bike/ped facilities | Audubon Dr | Williamsburg Rd | Widening | 4 | 6 | Urban Principal Arterial | 2027 | | X | Yes |
| | RRTPO | Henrico/Richmond | | I-64 - Construction of an auxiliary lane between Exit 185 (US 33) and Exit 186 (I-195) | Exit 185 | Exit 186 | Auxiliary Lane | | | Interstate | 2027 | | X | Yes |
| | RRTPO | Multi-jurisdictional: Richmond MPO | 120381 | #164CIP - E/WB EXPRESS BUS ROUTE-22x SHORT PUMP TO DOWNTOWN | | | Public Transportation | | | Interstate | 2027 | X | | Yes |
| | RRTPO | Richmond | 104281 | DEEPWATER TERMINAL RD - EXTEND EXISTING ROADWAY | END EXISTING DEEPWATER TERMINAL | GOODES ST | New Road | 0 | 2 | Future Urban Minor Arterial | 2027 | | X | Yes |
| | RRTPO | Richmond | 108649 | RTE 5 (MAIN STREET) - NEW ROAD | HENRICO COUNTY LINE | 0.75 MI N HENRICO COUNTY LINE | New Road | 0 | 2 | Future Urban Minor Arterial | 2027 | | X | Yes |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|--------------|--------|--|-----------------------------------|--|-------------------------|--------------|-------------|------------------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Richmond | | I-95 & VA-161 - Conversion of SB I-95 off-ramp at VA-161 (Exit 78) to two lanes. Removal of one lane from SB I-95 prior to on-ramp from EB I-64. Merge 3 lanes to 2 before on- ramp from I-64. Convert off-ramp to Boulevard (VA-161) to 2 lanes (I choose lane). | | | Interchange Improvement | | | Interstate | 2027 | | X | Yes |
| | RRTPO | Richmond | | I-95 & Belvidere St - Improvement of interchange configuration at Belvidere St/Chamberlayne Ave (Exit 76). Construct C-D Road from Exit 76 to Exit 75.Construct SPUI (single Point Urban Interchange) at Belvidere Street and remove the northbound off-ramp to Chamberlayne Avenue. | | | Interchange Improvement | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Richmond | | I-95 & I-64 - Improvement of interchange configuration with I-64 to improve the SB I-95 to WB I-64 ramp (Exit 79). Merge 3 lanes to 2 after on-ramp from Laburnum. 2-lane on-ramp from SB I-95.Convert WB I-64 on-ramp from SB I-95 to two lanes. Remove one lane from WB I-64 prior to on-ramp. | | | Interchange Improvement | | | Interstate | 2039 | | X | Yes |
| | RRTPO | Richmond | | Walmsley Blvd - Construction of a new 2-lane road | US-1 | Commerce Road | New Road | 0 | 2 | Urban Minor Arterial | 2045 | | X | Yes |
| | RRTPO | Richmond | | US-60 & Belt Blvd - Removal of the existing traffic signals in the vicinity of the interchange at the ramps. Construction of two new roundabouts, one in north and other in south of the bridge. | | | Interchange Improvement | | | Urban Principal Arterial | 2033 | | X | Yes |
| | RRTPO | Richmond | | US-60 - Widen bridge over Belt Blvd and extend deceleration and acceleration lanes over CSX | Division Street | CSX RR | Widening | 4 | 6 | Urban Principal Arterial | 2045 | | X | Yes |
| | RRTPO | Ashland | | Elmont Rd - Construction of a new 2-lane road | Medical Dr | VA-54/Vaughan Rd | New Road | 0 | 2 | Future Urban Major Collector | 2027 | | X | No |
| | RRTPO | Ashland | | Archie Cannon Dr - Construction of a bridge over CSX RR | | | New Overpass | 2 | 2 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Ashland | 103393 | ASHLAND TROLLEY LINE TRAIL | MAPLE ST EXTENSION | TROLLEY LINE TRAIL PARK | Bike/Pedestrian | | | | 2021 | X | | No |
| | RRTPO | Ashland | 119072 | #SMART22 - ASHCAKE ROAD PEDESTRIAN IMPROVEMENTS | Rt. 1 (Washington Highway) | Maple Street | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Ashland | 112042 | ROUTE 1 IMPROVEMENTS: ASHCAKE RD TO ARBOR OAK DR | 0.056 MI N OF ASHCAKE RD | 0.010 MI S OF ARBOR OAK DR | Safety | | | | 2027 | | X | No |
| | RRTPO | Charles City | | Route 155 - Connection between Charles City and New Kent courthouses (spur from Virginia Capital Trail) | VA-5(Charles City Schools) | New Kent County Line | Bike/Pedestrian | | | | 2039 | | X | No |
| | RRTPO | Chesterfield | 107088 | RTE 636 - NASH ROAD EXTENSION | 0.08 MI S of Beach Rd. (Rte. 655) | 0.009 MI N. of Iron Bridge Rd. (Rte. 10) | New Road | 0 | 2 | Future Major Collector | 2027 | | X | No |
| | RRTPO | Chesterfield | | Woolridge Rd - Widening with added capacity | Watermill Pkwy | Genito Rd | Widening | 2 | 4 | Urban Major Collector | 2027 | | X | No |
| | RRTPO | Chesterfield | 110393 | #HB2.FY17 RT 10 (BERM TRI TO MEADOWV) GARVEE DEBT SERVICE | | | Other | | | | | X | X | No |
| | RRTPO | Chesterfield | 111984 | #SMART18 - I-95 AuxLanes b/w Rte.288/Rte.10-GARVEE Debt Serv | | | Other | | | | | X | X | No |
| | RRTPO | Chesterfield | 115193 | Road Diet Study (Hopkins, Turner, Whitepine) | Various | Various | PE Only | | | | | X | | No |
| | RRTPO | Chesterfield | 115202 | Countywide Sidewalk Plan | Various | Various | Other | | | | | X | | No |
| | RRTPO | Chesterfield | 115534 | Hopkins/Chippenham Interchange Modification Report (IMR) | Various | Various | Other | | | | | X | | No |
| | RRTPO | Chesterfield | 118144 | US 360 Superstreets Study | Winterpock Rd | Harbour Point Parkway/Mockingbird Lane | PE Only | | | | | X | | No |
| | RRTPO | Chesterfield | 118145 | Route 60 Corridor Improvement Study | Winterfield Rd/LeGordon Drive | Old Buckingham Road/Woolridge Rd | PE Only | | | | | X | | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 2B MM 4.0 to MM 9.4 (Only Portion Within RRTPO) | Brander Bridge Rd | VA- 10/W. Hundred Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 2D MM 10.7 to MM 12.9 | Chester Rd | Galena Ave | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 3A MM 12.9 to MM 13.6 | Galena Ave | Kingsdale Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 3D MM 16.8 to MM 17.7 | Wayside Park/Falling Cr | US-1 | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 3E MM 17.7 to MM 18.6 | US-1 | Walmsley Blvd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Connector to Stratton Park - Shared Use Path (eventually connecting Stratton Park to Pocahontas State Park) | VA-150 | Jessup Road | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Midlothian @ Chippenham - New P&R lot of 270 spaces on 1.9 AC | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Huguenot Rd at Forest Hill Ave - New P&R lot to replace unofficial lot: 130 spaces on 0.9 AC | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | VA- 76/US-60 - New P& R lot | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | VA-76/Jhanke - New P& R lot | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Park Ext to Chester Rd. | VA-10/W. Hundred Rd | Chester Rd | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 3C MM 14.9 to MM 16.8 | Gettings Ln | Wayside Park/Falling Cr | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Eliham Avenue to Dwight Avenue | Eliham Ave | Dwight Ave | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Chesterfield | | VA-10/VA- 288 at I-95/I-295 - New P&R lot of 250 spaces on 1.7 AC | | | Park & Ride | | | | 2033 | | X | No |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|--------------------|---------|---|---|---|---------------------------|--------------|-------------|-----------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Chesterfield | | Fall Line / Route 1 - Chesterfield Fall Line Trail: Segment 3B MM 13.6 to MM 14.9 | US-1/Kingsdale Rd | Gettings Ln | Bike/Pedestrian | | | | 2045 | | X | No |
| | RRTPO | Chesterfield | | US-1 & West Hundred Rd - Construction of Innovative Intersection: Median u-turns all approaches | | | Intersection Improvements | | | | 2045 | | X | No |
| | RRTPO | Chesterfield | | US-360 & Various - Construction of US-360 Superstreet at Winterpock Road, Spring Run Road, Chital Drive, Deer Run Road, and Harbor Pointe Parkway | | | Intersection Improvements | | | | 2045 | | X | No |
| | RRTPO | Chesterfield | 115415 | #SMART20 - RT 1 (FALLING CK. WAYSIDE - FOOD LION) BIKE/PED | Falling Ck. Wayside | Food Lion | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | 118146 | ROUTE 1 (HOLIDAY LANE - WILLIS ROAD) SHARED-USE PATH | 0.03 mile north of Willis Road | Holiday Lane | Safety | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | 109322 | #HB2.FY17 RTE 95 - IMPROVE INTERCHANGE AT RTE 10 | 0.09 mi. S of Rt. 10 | 0.59 mi. N of Rt. 10 | Safety | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | T25567 | #SMART22 - POWHITE SBCHIPPENHAM CAPACITY SAFETY IMPROVEMENTS | | | Safety | | | | 2027 | | X | No |
| | RRTPO | Chesterfield | | Bridge - Replacement/Rehabilitation - Jeff Davis Hwy @ Ashton Creek | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Chesterfield | CHS0001 | Paratransit Vehicles | | | Public Transportation | | | | | X | | No |
| | RRTPO | Chesterfield | CHS0003 | Operating Assistance | | | Public Transportation | | | | | X | | No |
| | RRTPO | Chesterfield | CHS0004 | Capital Cost of Contracting | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC003 | Preventive Maintenance | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC004 | Replace Rolling Stock | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC005 | Transit Amenities | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC008 | Paratransit Vehicles | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC031 | Surveillance/Security Equipment | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC032 | Shop Equipment | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC033 | Computer Hardware | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC034 | Computer Software | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC035 | Support Vehicles | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC056 | Renovation of Admin Maint Facility | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC060 | Mobility Management | | | Public Transportation | | | | | X | | No |
| | RRTPO | GRTC Service Area | GRTC065 | Articulated Vehicles | | | Public Transportation | | | | | X | | No |
| | RRTPO | Hanover | 115195 | Atlee Station Rd Widening (Phase 2) | 0.124 MI N OF RTE 1860 (Castle Tower Rd) | 0.067 MI S OF RTE 1255 (Warren Ave) | Widening | 2 | 4 | Urban Major Collector | 2029 | X | X | No |
| | RRTPO | Hanover | | Cauthorne Rd - Widening with added capacity (4.0 mi) | Ashland Rd | Henrico Co. Line | Widening | 2 | 4 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Hanover | | Cedar Ln - Widening with added capacity (2.1 mi) | US-1 | Elmont Rd | Widening | 2 | 4 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Hanover | | Atlee Station Rd - Widening with added capacity (1.5 mi) | Kings Charter Dr | Sliding Hill Rd | Widening | 2 | 4 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Hanover | | Woodside Ln - Construction of a new 2-lane road (1.1 mi) | Jamestown Rd | Hickory Hill Rd | New Road | 0 | 2 | Urban Minor Collector | 2033 | | X | No |
| | RRTPO | Hanover | 13551 | #SMART18 - RTE 360 WIDENING | 0.61 MI W RTE 643 (LEE DAVIS RD) | 0.19 MI E RTE 643 (LEE DAVIS RD) | Safety | | | | 2025 | X | X | No |
| | RRTPO | Hanover | 56181 | RTE 33 - ADD LEFT TURN LANES AT THE INTERSECTION OF RTE 623 | 0.310 MI S RTE 623 (ASHLAND RD) | 0.285 MI N RTE 623 (ASHLAND RD) | Intersection Improvements | | | | 2019 | X | | No |
| | RRTPO | Hanover | 77121 | RTE 638 - CONSTRUCT LTL & ADD SB REC. LN | 0.2 MILE SOUTH OF ROUTE 301 | INTERSECTION ROUTE 301 | Intersection Improvements | | | | 2016 | X | | No |
| | RRTPO | Hanover | 81667 | RTE 615 (CREIGHTON RD) - ROUNDABOUT | COLD HARBOR RD - FR 0.16 MI N CREIGHTON RD TO 0.08 MI S | CREIGHTON RD - FR 0.12 MI W COLD HARBOR RD TO 0.07 MI E | Intersection Improvements | | | | 2020 | X | | No |
| | RRTPO | Hanover | 109988 | #SGR21VB -RT 715 - BR ONLY OVER NEWFOUND RIVER (Fed 9578) | 0.80 Miles North of Rte 781 | 0.90 Miles North of Rte 781 | Bridge | | | | 2021 | X | | No |
| | RRTPO | Hanover | | Fall Line / Route 1 - Hanover Fall Line: Segment 7C - MM 37.4 to MM 43.3 | Winfrey Rd (Henrico) | Gwathmey Church Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Hanover | | US- 301 & VA-54 - Converting "Y" intersection to a roundabout | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Hanover | | signal and dedicated left and right turn lanes on US-1 | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Hanover | | Lewistown Rd & Ashcake Rd - Reconfiguration from a stop | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Hanover | 118947 | #SMART22 - SLIDING HILL ROAD/PEAKS ROAD ROUNDABOUT | Ashcake Road | Peaks Road | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Hanover | HC50001 | Operating Assistance | | | Public Transportation | | | | | X | | No |
| | RRTPO | Hanover | HC50002 | Capital Cost of Contracting | | | Public Transportation | | | | | X | | No |
| | RRTPO | Hanover or Ashland | | Lewistown Rd/Lakeridge Pkwy or Ashland - New P&R Lot of 200 spaces on 1.4 AC | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Dickens Rd - Widening with added capacity and bike/ped facilities | Staples Mill Rd | Oconto Rd | Widening | 2 | 4 | Urban Major Collector | 2027 | | X | No |
| | RRTPO | Henrico | | Horsepen Rd - Widening with added capacity and pedestrian accommodations | Three Chopt Rd | Dexter Rd | Widening | 4 | 6 | Urban Major Collector | 2027 | | X | No |
| | RRTPO | Henrico | | Bethlehem Rd - Widening with added capacity and bike/ped facilities | Libbie Ave | Dickens Rd | Widening | 2 | 4 | Urban Major Collector | 2027 | | X | No |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|--------------|--------|---|--|--|---------------------------|--------------|-------------|-----------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Henrico | | Mill Rd - Widening with added capacity and pedestrian accommodations | Mill Place Dr | Mountain Rd | Widening | 2 | 4 | Urban Major Collector | 2027 | | X | No |
| | RRTPO | Henrico | | Shady Grove Rd - Widening with added capacity and bike/ped facilities | Nuckols Rd | Hanover County line | Widening | 2 | 4 | Urban Major Collector | 2033 | | X | No |
| | RRTPO | Henrico | | N Gayton Rd - Widening with added capacity (to include center turnlane, one through lanes each direction) and bike/ped facilities | US-250 | Lauderdale Dr | Widening | 2 | 3 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Henrico | | Pemberton Rd - Widening with added capacity and bike/ped facilities | Quiocassin Rd | US-250 | Widening | 2 | 4 | Urban Major Collector | 2039 | | X | No |
| | RRTPO | Henrico | | Greenwood Rd - Widening with added capacity and bike and nedestrian accommodations | Woodman Road | County Line | Widening | 2 | 4 | Urban Major Collector | 2045 | | X | No |
| | RRTPO | Henrico | | Carolina Ave - Widening with added capacity and bike/ped facilities | Richmond Henrico Tpk | Laburnum Ave | Widening | 2 | 4 | Urban Major Collector | 2045 | | X | No |
| | RRTPO | Henrico | | Courtney Rd - Widening with added capacity and bike/ped facilities | Staples Mill Rd | Mountain Rd | Widening | 2 | 4 | Urban Major Collector | 2033 | | X | No |
| | RRTPO | Henrico | -23339 | PE for Parking Lots - Henrico County | Various | Various | PE Only | | | | | X | | No |
| | RRTPO | Henrico | 50528 | THREE CHOPT ROAD - WIDENING - PE ONLY | BARRINGTON HILL DRIVE | GASKINS ROAD | PE Only | | | | | X | | No |
| | RRTPO | Henrico | 60934 | RTE 9999 - SADLER RD; WIDEN & RECONSTRUCT; FED ESCROW PROJ | 0.005 MI WEST OF DOMINION BOULEVARD | 0.030 MI EAST OF CEDAR FOREST ROAD | PE Only | | | | | X | | No |
| | RRTPO | Henrico | 97565 | RTE 64 - REPLACE BRIDGES OVER RTE 156 (FED ID 9760 & 9762) | 0.473 MILE WEST OF ROUTE 156 | 0.475 MILE EAST OF ROUTE 156 | Bridge | | | | 2022 | X | | No |
| | RRTPO | Henrico | 104880 | RIDGEFIELD PKWY - CONSTRUCT SIDEWALK | PUMP RD | FALCONBRIDGE DR | Bike/Pedestrian | | | | 2021 | X | | No |
| | RRTPO | Henrico | 107535 | DOREY PARK - SHARED-USE PATH - TAP | 1.0 mi S of the int of Darbytown Rd and Dorey Pk | 0.1 mi S of the int of Darbytown Rd and Dorey Pk | Bike/Pedestrian | | | | 2021 | X | | No |
| | RRTPO | Henrico | 109193 | CRAC CNG BUS PURCHASE | various | various | Public Transportation | | | | 2023 | X | | No |
| | RRTPO | Henrico | 110394 | #HB2.FY17 RTE 64 - MAJOR WIDENING GARVEE DEBT SERVICE | | | Other | | | | | X | X | No |
| | RRTPO | Henrico | 110968 | FOUR MILE CREEK VCT IMPROVEMENTS | 0.1 mi E of Farmer's Circle Drive | 0.1 mi W of Farmer's Circle Drive | Bike/Pedestrian | | | | 2025 | X | | No |
| | RRTPO | Henrico | 113844 | I-64 at Parham IMR | 25 miles north of Mayland Drvie | Fordson Road | PE Only | | | | | X | | No |
| | RRTPO | Henrico | 115001 | Parham Road/Hungary Road Bicycle and Pedestrian Study | Parham Road - Various | Hungary Road - Various | PE Only | | | | | X | | No |
| | RRTPO | Henrico | 118150 | Nuckols Road Pedestrian Improvements | Springfield Road | Capital One way | Bike/Pedestrian | | | | 2028 | X | | No |
| | RRTPO | Henrico | 118470 | W Broad St Pedestrian and Transit Improvements - Glenside Dr | Glenside Drive | Parham Road | Bike/Pedestrian | | | | 2027 | X | X | No |
| | RRTPO | Henrico | 121681 | #BF- RTE 0 MEADOW RD (FED ID 9652) CR | 215 miles TO GRAPEVINE RD | 0.15 miles TO 60 | Bridge | | | | 2027 | X | | No |
| | RRTPO | Henrico | | Fall Line / Route 1 - Henrico Fall Line Trail Phase 4: Lakeside Community Trail Section III | Lakeside Recreation Area | Hilliard Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Fall Line / Route 1 - Henrico Fall Line Trail Phase 6: Villa Park | Lakeside Ave | Parham Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Nuckols Rd Trail - Multiuse Trail | Springfield Rd | Francistown Rd | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Magolia Ridge Dr - Multiuse trail connecting Fall Line to Virginia Center Commons | Brook Rd | Woodman Rd Extended | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | | US-1 & E Parham Rd - Operational improvements and pedestrian accommodations | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Henrico | | US-250 & Glenside Drive - Operational improvements and pedestrian accommodations | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Henrico | | US-250 & Pouncey Tract Rd - Increase capacity at US-250 & Pouncey Tract Rd intersection with an additional lane | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Henrico | | I-64/US-60 at Laburnum Rd - New P&R lot of 120 spaces on 0.8 AC parcel | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Henrico | | US-250 at Willow Lawn/Staples Mill (Pulse western terminus) - New P&R lot subject of much site search, 290 spaces on 2.0 AC | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Henrico | | I-64 at I-295 in Short Pump - New P&R lot of 320 spaces on 2.2 AC | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Cox Rd - Cox Rd Bike Facility | US-250 | North end of Cox Rd | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Henrico | | Mountain Rd - Shared Use Trail | Woodman Rd | Staples Mill Rd | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Henrico | | Wilton on the James Trail - Shared Use Trail | VA-5 | James River | Bike/Pedestrian | | | | 2033 | | X | No |
| | RRTPO | Henrico | | US-250 & Parham Rd - Operational improvements and pedestrian accommodations | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Henrico | | VA Center Commons/I-295/I-95 - New P&R Lot of 380 Spaces on 2.6 AC | | | Park & Ride | | | | 2033 | | X | No |
| | RRTPO | Henrico | | Parham Rd & Patterson Ave - Construction of additional turn lanes and pedestrian accommodations | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Henrico | | Fall Line/ Route 1 - Henrico Fall Line Trail Phase 7: Longdale | Parham Rd | Woodman Rd Extended | Bike/Pedestrian | | | | 2045 | | X | No |
| | RRTPO | Henrico | 115411 | #SMART20 - N LABURNUM AVE PED AND TRANSIT IMPROVEMENTS | Harvie | Creighton Rd | Bike/Pedestrian | | | | 2027 | | X | No |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|------------------------------------|---------|--|--|---|----------------------------|--------------|-------------|------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Henrico | 115417 | #SMART20 - W BROAD ST PEDESTRIAN AND TRANSIT IMPROVEMENTS | Pemberton Road | Parham Road | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118065 | LAKESIDE COMMUNITY TRAIL PHASE 1 | Spring Park Street | Gillespie Avenue | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118091 | LAKESIDE COMMUNITY TRAIL PHASE 2 | Dumbarton Road | Lakeside Recreation Area | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118153 | BROOK ROAD & HILLIARD ROAD TRAIL | Belmont Recreation Center | Lakeside Avenue and Brook Road Intersection | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118937 | #SMART22 - WILLIAMSBURG RD PEDESTRIAN & TRANSIT IMPROVEMENTS | Charles City Rd | Laburnum Ave | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118940 | #SMART22 - NINE MILE RD MULTIMODAL MOBILITY & SAFETY IMPROVE | | | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Henrico | 117049 | S. LABURNUM/ROUTE 5 INTERSECTION IMPROVEMENTS | 05 MI N of Rte 5 (New Market Rd) | Rte 5 (New Market Rd) | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Henrico | 104148 | SADLER RD - RECONSTRUCTION | 0.005 MI WEST OF DOMINION BLVD | 0.030 MI EAST OF CEDAR FOREST ROAD | Reconstruction/Maintenance | | | | 2027 | | X | No |
| | RRTPO | Henrico | 101034 | #HB2.FY17 RTE 6 PATTERSON AVE AT PARHAM RD INTERSECTION | 0.27 MI W RTE 7518 (PARHAM RD) | 0.28 MI E RTE 7518 (PARHAM RD) | Safety | | | | 2027 | | X | No |
| | RRTPO | Henrico | 110910 | #SMART18 - PARHAM RD PEDESTRIAN & TRANSIT STOP IMPROVEMENTS | 6 mi E. of Broad Street on Parham Road | HUNGARY SPRING ROAD | Safety | | | | 2027 | | X | No |
| | RRTPO | Henrico | 111637 | #SMART18 - BROAD ST PEDESTRIAN & TRANSIT STOP IMPROVEMENTS | FOREST AVENUE | WILLOW LAWN AVENUE | Safety | | | | 2027 | | X | No |
| | RRTPO | Henrico | 118597 | W BROAD ST INTERSECTION IMPROVEMENTS AT DOMINION AND COX | Old Sadler Road | Lexington Farm Road | Safety | | | | 2027 | | X | No |
| | RRTPO | Henrico | | Bridge - Replacement/Rehabilitation - Wbl I-64 @ Airport Drive (VA-156) | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Henrico | | Bridge - Replacement/Rehabilitation - I-195 @ VA-197 & CSX | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Henrico | | Bridge - Replacement/Rehabilitation - Parham Road @ CSX Railway | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Henrico | | Bridge - Replacement/Rehabilitation - Ebl I-64 @ Airport Drive (VA-156) | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Henrico or New Kent | | I-295at US-60-Technology Blvd/Elko Rd - New P&R lot of 120 space on 0.8 AC as alternative to Bottoms Bridge P&R expansion which is over-capacity | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Henrico or Richmond | | East End CBD at Pulse Terminus-Rockets - New P&R lot of 130 spaces on 0.9 AC parcel | | | Park & Ride | | | | 2027 | | X | No |
| | RRTPO | Multi-jurisdictional | 101492 | RICHMOND REGION-WIDE TRAFFIC/OPERATIONS IMPROVEMENTS | | | Safety | | | | 2027 | | X | No |
| | RRTPO | Multi-jurisdictional: Richmond MPO | 86357 | RAMPO Travel Demand Modeling On-Call Consultant Support | | | Other | | | | | X | | No |
| | RRTPO | Multi-jurisdictional: Richmond MPO | CAA0001 | Operating Assistance | | | Public Transportation | | | | | X | | No |
| | RRTPO | Multi-jurisdictional: Richmond MPO | CAA0002 | Mobility Management | | | Public Transportation | | | | | X | | No |
| | RRTPO | Richmond | -20113 | GRTC REPLACEMENT OF ROLLING STOCK CNG BUSES (FY22) | N/A | N/A | Public Transportation | | | | | X | | No |
| | RRTPO | Richmond | -203 | Regionwide Air Pollution Reduction Program - Ridefinders | Regionwide Air Pollution Reduction Program | | Public Transportation | | | | | X | | No |
| | RRTPO | Richmond | 15955 | RTE 1 - INTERSECTION IMPROVEMENTS AT HOPKINS RD & HARWOOD ST | 0.008 MI S CHESTERMAN AVE | 0.435 MI N CHESTERMAN AVE | Intersection Improvements | | | | 2024 | X | | No |
| | RRTPO | Richmond | 15958 | COMMERCE ROAD - WIDENING | BELLS ROAD (SOUTH JUNCTION) | 0.13 Mile N. of BELLEMEADE ROAD | Reconstruction/Maintenance | | | | 2026 | X | | No |
| | RRTPO | Richmond | 19035 | JAHNKE ROAD - 2 LANE IMPROVEMENTS | BLAKEMORE RD | FOREST HILL AVE | Reconstruction/Maintenance | | | | 2025 | X | | No |
| | RRTPO | Richmond | 19036 | FOREST HILL AVENUE IMPROVEMENTS | HATHAWAY RD | POWHITE PARKWAY | Reconstruction/Maintenance | | | | 2020 | X | | No |
| | RRTPO | Richmond | 93087 | #SGRT7VB - RT 195 - BR REPAIR OVER RT 76, CSX (Fed 21552) | 0.145 MI N OF RTE 76 | 0.071 MI S OF RTE 76 | Bridge | | | | 2021 | X | | No |
| | RRTPO | Richmond | 104887 | RTE 60 - BRIDGE REHABILITATION | AT RTE 161 (BELT BLVD) | | Bridge | | | | 2020 | X | | No |
| | RRTPO | Richmond | 107515 | CARNATION STREET - ADD SIDEWALK - TAP | RTE 60 (MIDLOTHIAN TPKE) | HIOAKS RD | Bike/Pedestrian | | | | 2019 | X | | No |
| | RRTPO | Richmond | 113832 | Richmond Marine Terminal (RMT) - Drop Lot | various | various | Other | | | | 2024 | X | X | No |
| | RRTPO | Richmond | 115222 | Park-N-Ride Bus Purchase | Various | Various | Other | | | | 2024 | X | | No |
| | RRTPO | Richmond | 115815 | I-64 Express Barge Service Expansion | RMT | RMT | Other | | | | 2025 | X | X | No |
| | RRTPO | Richmond | 119673 | I-95 at Commerce Road Access Study | Various | Various | PE Only | | | | | X | | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 4B - MM 20.7 to MM 21.8 | Bellemeade Rd | Commerce Rd. | Bike/Pedestrian | | | | 2027 | | X | No |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|--------------|--------|---|------------------------------|----------------------------|----------------------------|--------------|-------------|------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 4C - MM 21.8 to MM 23.9 | Commerce Rd | Decatur St | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 4D - MM 23.9 to MM 24.3 | Semmes Ave | Potterfield Bridge | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 5B - MM 25.6 to MM 26.6 | 3rd St. | W. Duval St | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 5C - MM 26.6 to MM 27.6 | W. Duval St | Admiral St | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 5D - MM 27.6 to MM 28.5 | Admiral St | Brookland Pkwy | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 6A - MM 28.5 to MM 30.5 | Brookland Pkwy | Bellevue Ave | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Fall Line / Route 1 - Richmond Fall Line Trail: Segment 6B - MM 30.5 to MM 31.2 | Bellevue Ave | Lakeside Ave | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | US-360 & Broad Rock Blvd - Construction of an alternative intersection with displaced left turns | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Richmond | | US-360, Midlothian Turnpike & Clopton St - Construction of a new roundabout in the five legged intersection | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Richmond | | VA-161, Brookland Pkwy & Westwood Ave - Construction of a new roundabout in the five legged intersection | | | Intersection Improvements | | | | 2027 | | X | No |
| | RRTPO | Richmond | | 23rd Street & Franklin Street Neighborhood Transit Center | | | Public Transportation | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Downtown Transfer Center | | | Public Transportation | | | | 2027 | | X | No |
| | RRTPO | Richmond | | VA-10 & Walmsley Blvd - Construction of a new roundabout | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Richmond | | VA-161 & Broad Rock Blvd - Construction of a new roundabout | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Richmond | | Commerce Rd & Walmsley Blvd - Construction of a roundabout at Commerce Rd and Walmsley Boulevard Intersection | | | Intersection Improvements | | | | 2033 | | X | No |
| | RRTPO | Richmond | | Southside Transfer Center | | | Public Transportation | | | | 2033 | | X | No |
| | RRTPO | Richmond | 115410 | #SMART20 - RIVERFRONT/ORLEANS BRT STATION PED SAFETY/STREETS | VARIOUS | VARIOUS | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | 115416 | #SMART20 SHOCKOE BOTTOM BRT STATION PED SAFETY/STREETSCAPE | VARIOUS | VARIOUS | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | 115555 | #SMART20 - SCOTT'S ADD BRT STATION PED SAFETY/STREETSCAPE | VARIOUS | VARIOUS | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | 118943 | #SMART22 - JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY | Hopkins Road | W 49th Street | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | 119192 | #SMART22 - POWHITE NB AT CHIPPENHAM CAPACITY AND SAFETY IMPR | | | Safety | | | | 2027 | | X | No |
| | RRTPO | Richmond | 118942 | #SMART22 - ARTICULATED VEHICLES FOR BUS RAPID TRANSIT EXPANS | | | Other | | | | 2027 | | X | No |
| | RRTPO | Richmond | 118944 | #SMART22 - ROUTE 1 PHASE II IMPROVEMENTS | Route 360 / Hull Street Road | Maury Street | Reconstruction/Maintenance | | | | 2027 | | X | No |
| | RRTPO | Richmond | 109310 | #HB2.FY17 SHOCKOE VALLEY ST IMPROVEMENT | VARIOUS | VARIOUS | Safety | | | | 2027 | | X | No |
| | RRTPO | Richmond | 109321 | #HB2.FY17 RTE 95 - IMPROVE INTERCHANGE AT MAURY ST | 0.058 MI. W OF MAURY ST | 0.061 MI. E OF MAURY ST | Safety | | | | 2027 | | X | No |
| | RRTPO | Richmond | 111465 | #SMART18 - I-95/I-64 OVERLAP: EMERGENCY PULL- OFFS | MAURY STREET | I-64 W | Safety | | | | 2027 | | X | No |
| | RRTPO | Richmond | 118941 | #SMART22 - BROAD STREET STREETSCAPE W/ PULSE BRT EXPANSION | | | Public Transportation | | | | 2027 | | X | No |
| | RRTPO | Richmond | 109320 | #HB2.FY17 SB 195 BELVIDERE ST INTERCHANGE SAFETY IMPROVEMENT | 0.079 MILES WEST OF RTE. 1 | 0.202 MILES EAST OF RTE. 1 | Safety | | | | 2027 | | X | No |
| | RRTPO | Richmond | T25568 | #SMART22 - ASHLAND TO PBURG TRAIL US 1 WALMSLEY TO BELLEMEADE | | | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | T25569 | #SMART22 - ASHLAND PBURG TRAIL CHICKAHOMINY RIVER CROSSING | | | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | T25570 | #SMART22 - A-TO-P TRAIL: RT.1 (FALLING CRK AVE. - FOOD LION) | | | Bike/Pedestrian | | | | 2027 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Broad Street @ I-95 | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Cary Street @ I-195 & CSX Railroad | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - 14th Street @ James River South Div | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Broad Street @ CSX Abandoned Spur Line | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - 14th Street @ James River North Div | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Wbl I-64 @ I- 95 | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Sbl I-195 @ VA- 76, CSX Rr & Ramp S | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - Ramp To 5th & I-95S @ I-95 | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond | | Bridge - Replacement/Rehabilitation - North Boulevard @ CSX Railway | | | Bridge | | | | 2039 | | X | No |

| SN | MPO | Jurisdiction | UPC | Description/Facility/Location | From | To | Improvement Type | Exist. Lanes | Prop. Lanes | Functional Class | Anticipated Opening Year | 2024-27 TIP | 2045 CLRP | Reg Sig for AQ? |
|----|-------|-------------------------------------|--------|---|-------------|--------------------------|-----------------------|--------------|-------------|------------------|--------------------------|-------------|-----------|-----------------|
| | RRTPO | Richmond | | Bridge Replacement with Shared Used Path - Westover Hills Blvd (RMTA) @ James River | | | Bridge | | | | 2039 | | X | No |
| | RRTPO | Richmond District-wide | 118143 | RRTPO Scenario Planning Pilot | Various | Various | PE Only | | | | | X | | No |
| | RRTPO | Richmond/ Henrico | | Enhanced Transit Service -Broad St - 11.5 miles from Willow Lawn to Short Pump | Willow Lawn | Short Pump | Public Transportation | | | | 2033 | | X | No |
| | RRTPO | Richmond/ Henrico/ Hanover/ Ashland | | BRT -Rt 1 North - 15.7 miles from The Pulse BRT downtown to Ashland along US 1 | CBD | Ashland | Public Transportation | | | | 2033 | | X | No |
| | RRTPO | Richmond/ Henrico | | Enhanced Transit Service -West End South - 15.85 miles enhanced 15-min service | Cary/Main | Gayton Crossing | Public Transportation | | | | 2039 | | X | No |
| | RRTPO | Richmond/ Henrico | | Enhanced Transit Service -RIC Airport - 10.5 miles from CBD to Airport via Williamsburg Rd | CBD | RIC Airport | Public Transportation | | | | 2045 | | X | No |
| | RRTPO | Richmond/Chesterfield | | Enhanced Transit Service - Midlothian - 14.3 miles, from CBD to Stonebridge replace less frequent service with more frequency; new service from Stonebridge to Chesterfield Town Center | CBD | Chesterfield Town Center | Public Transportation | | | | 2033 | | X | No |
| | RRTPO | Statewide | -20741 | VEHICLE FUEL CONVERSION PROGRAM MARKETING | | | Other | | | | 2018 | X | | No |
| | RRTPO | Statewide | -11802 | Vehicle Fuel Conversion Program | | | Other | | | | 2018 | X | | No |
| | RRTPO | Statewide | 115869 | #ITTF20 STATEWIDE TECHNOLOGY FOR OPERATIONS | Various | Various | Safety | | | | | X | | No |
| | RRTPO | Statewide | 116656 | #195CIP VARIABLE SPEED LIMITS - PROGRAM UPC | Various | Various | Safety | | | | | X | | No |
| | RRTPO | Statewide | 116657 | #195CIP RAMP METERING PROGRAM UPC | Various | Various | Safety | | | | | X | | No |
| | RRTPO | Statewide | 116658 | #195CIP GEOFENCED EMERGENCY NOTIFICATIONS - PROGRAM UPC | Various | Various | Safety | | | | | X | | No |
| | RRTPO | Statewide | 116659 | #195CIP ADVANCED WORK ZONE TECHNOLOGY - PROGRAM UPC | Various | Various | Safety | | | | | X | | No |
| | RRTPO | Statewide | 116661 | #195CIP CORRIDOR TECHNOLOGY IMPROVEMENTS - PROGRAM UPC | Various | Various | Safety | | | | | X | | No |

| ID | Project Title | Sponsor | YOE Estimate | Rd 5 Benefit Score | Rd 5 B/C Score | CVTA Regional Leveraged | Total Leveraged | Additional Leverage Needed ⁽¹⁾ | ROI at Target Leverage | Staff Scenario Funding |
|------|--|---------------------|--------------|--------------------|----------------|-------------------------|-----------------|---|------------------------|------------------------|
| 9313 | Hill Carter Parkway Extension | Ashland Town | \$22,517,888 | 10.43 | 4.64 | | \$ 50,000 | \$ - | 449.36 | Yes |
| 9389 | Trolley Line Trail Phase 2 | Ashland Town | \$2,462,964 | 0.05 | 0.18 | | \$ - | \$ 2,358,094 | 0.04 | No |
| 9390 | Vaughan Road Extended | Ashland Town | \$15,023,420 | 6.24 | 4.17 | | \$ 50,000 | \$ 545,638 | 24.22 | No |
| 9394 | Green Chimney | Ashland Town | \$11,846,775 | 6.51 | 5.51 | | \$ 50,000 | \$ (50,000) | No Leverage Needed | Yes |
| 9014 | Route 360 (Woodlake - Otterdale) Widening | Chesterfield County | \$39,745,070 | 5.28 | 2.67 | \$ 20,000,000 | \$ 20,000,000 | \$ 7,534,811 | 0.44 | No |
| 9109 | Route 60/Route 150 - Interchange Improvements | Chesterfield County | \$35,024,332 | 5.77 | 1.65 | | \$ - | \$ 21,680,974 | 0.62 | No |
| 9111 | Belmont Road/Cogbill Road - Roundabout | Chesterfield County | \$8,656,131 | 1.91 | 2.20 | | \$ - | \$ 4,244,776 | 1.04 | No |
| 9154 | Route 360/Deer Run Drive/Harbour View Court - RCUT | Chesterfield County | \$22,243,092 | 10.77 | 4.84 | | \$ - | \$ - | No Leverage Needed | Yes |
| 9206 | Busy Street Extended | Chesterfield County | \$20,192,537 | 7.91 | 3.92 | | \$ - | \$ 3,148,856 | 5.41 | No |
| 9287 | Huguenot Rd at Robious & Cranbeck Capacity & Safety Improvmt | Chesterfield County | \$21,213,068 | 6.14 | 2.90 | | \$ - | \$ 7,006,273 | 2.03 | No |
| 9364 | Route 360/Harbour Pointe Pkwy/Mockingbird Ln - RCUT | Chesterfield County | \$20,487,571 | 6.07 | 2.97 | | \$ - | \$ 6,439,809 | 2.18 | No |
| 9409 | RT 360/Duckridge/Hancock Village Shopping Center - RCUT | Chesterfield County | \$17,546,227 | 4.14 | 2.36 | | \$ - | \$ 7,964,381 | 1.20 | No |
| 9412 | RT 360 at Winterpock Rd/Shopping Center Entrance - RCUT | Chesterfield County | \$21,975,351 | 6.77 | 3.08 | | \$ - | \$ 7,388,453 | 1.97 | No |
| 9413 | RT 360 at Spring Run Rd/Temie Lee Pkwy - RCUT | Chesterfield County | \$26,644,615 | 11.16 | 4.19 | | \$ - | \$ 2,603,086 | 9.24 | No |
| 9135 | I-64 at Ashland Rd. (Rte. 623) Interchange | Goochland County | \$75,917,941 | 6.36 | 1.51 | \$ 33,699,829 | \$ 33,699,829 | \$ 27,641,130 | 0.24 | No |
| 9411 | I-64 at Oilville Road (Rte. 617) Interchange | Goochland County | \$7,512,460 | 1.98 | 2.87 | \$ 606,000 | \$ 606,000 | \$ 2,327,426 | 1.56 | No |
| 9073 | Route 250 at Route 288 Interchange Improvements | Goochland County | \$30,945,914 | 2.66 | 0.86 | | \$ - | \$ 24,796,937 | 0.25 | No |

| ID | Project Title | Sponsor | YOE Estimate | Rd 5 Benefit Score | Rd 5 B/C Score | CVTA Regional Leveraged | Total Leveraged | Additional Leverage Needed ⁽¹⁾ | ROI at Target Leverage | Staff Scenario Funding |
|------|--|------------------|--------------|--------------------|----------------|-------------------------|-----------------|---|------------------------|------------------------|
| 9445 | Hockett Road Re-alignment | Goochland County | \$16,787,222 | 4.26 | 40.91 | | \$ 15,745,325 | \$ (8,814,183) | 1.42 | Yes |
| 9001 | C Fall Line Trail with Transit Improvements Manchester Br. | GRTC | \$28,213,185 | 26.98 | 10.10 | \$ 1,500,000 | \$ 1,500,000 | \$ (1,500,000) | No Leverage Needed | Yes |
| 9108 | Route 60 (Ruthers Rd - Providence Rd) Pedestrian Improvemnts | GRTC | \$10,951,557 | 5.29 | 4.83 | | \$ - | \$ 3,695,312 | 1.96 | No |
| 9302 | Rt 1 (Rt 10 to Brightpoint Comm College) Transit Access Impr | GRTC | \$10,277,469 | 2.83 | 2.76 | | \$ - | \$ 6,390,299 | 0.61 | No |
| 9376 | Rt 1 (Osborne Rd - Moores Lake Rd) Transit Access Improvemts | GRTC | \$10,523,898 | 2.01 | 1.91 | | \$ - | \$ 7,768,771 | 0.35 | No |
| 9385 | Brook Road Improvements - Azalea Ave to Brook Run Shopping | GRTC | \$21,499,008 | 4.95 | 2.30 | | \$ - | \$ 14,706,352 | 0.46 | No |
| 9386 | Nine Mile Road - Dabbs House Road to Laburnum Avenue | GRTC | \$28,815,273 | 4.19 | 1.45 | | \$ - | \$ 23,071,393 | 0.25 | No |
| 9415 | S. Laburnum Ave Ped Improvements - Thornhurst St to Gay Ave | GRTC | \$12,611,366 | 3.91 | 3.10 | | \$ - | \$ 7,247,322 | 0.74 | No |
| 9045 | Greenwood Church/Blanton/Ashland/Ash cake Roads Roundabout | Hanover County | \$6,997,049 | 0.61 | 1.25 | | \$ 2,127,855 | \$ 3,466,778 | 0.25 | No |
| 9050 | Rt. 54 Left Turn Lane at Goddins Hill Rd | Hanover County | \$5,060,708 | 0.81 | 2.29 | | \$ 1,534,943 | \$ 1,658,808 | 0.58 | No |
| 9085 | Creighton Rd LTLs at Sledd's Lake Rd & Tammy Ln | Hanover County | \$4,215,689 | 0.80 | 1.90 | | \$ - | \$ 2,362,341 | 0.78 | No |
| 9043 | W Broad Street Short Pump | Henrico County | \$25,999,970 | 24.79 | 10.89 | \$ 3,230,000 | \$ 3,230,000 | \$ (3,230,000) | No Leverage Needed | Yes |
| 9041 | Staples Mill Road Improvements | Henrico County | \$32,135,419 | 19.26 | 7.28 | \$ 5,670,000 | \$ 5,670,000 | \$ (5,670,000) | No Leverage Needed | Yes |
| 9042 | Springfield Road Improvements | Henrico County | \$15,888,305 | 6.48 | 4.32 | | \$ 900,000 | \$ 411,323 | 11.12 | No |
| 9044 | Carolina Avenue Improvements | Henrico County | \$34,784,879 | 5.63 | 1.62 | | \$ - | \$ 21,775,146 | 0.60 | No |

| ID | Project Title | Sponsor | YOE Estimate | Rd 5 Benefit Score | Rd 5 B/C Score | CVTA Regional Leveraged | Total Leveraged | Additional Leverage Needed ⁽¹⁾ | ROI at Target Leverage | Staff Scenario Funding |
|------|--|-----------------|---------------|--------------------|----------------|-------------------------|-----------------|---|------------------------|------------------------|
| 9046 | Route 60/Route 33/Beulah Rd Roundabout & Gateway Project | Henrico County | \$13,222,320 | 5.08 | 3.84 | | \$ - | \$ 1,476,576 | 7.95 | No |
| 9049 | E. Parham Road Improvements - I-95 to Cleveland St | Henrico County | \$14,480,767 | 6.14 | 4.24 | | \$ - | \$ 292,495 | 48.51 | No |
| 9062 | Glenside Drive/Horsepen Road Safety Improvements | Henrico County | \$17,207,282 | 4.12 | 2.39 | | \$ - | \$ 7,678,208 | 1.24 | No |
| 9086 | Gaskins Road @ I-64 (Southern Quad Partial Cloverleaf) | Henrico County | \$62,415,185 | 3.22 | 0.52 | | \$ - | \$ 54,963,270 | 0.14 | No |
| 9420 | Gaskins Road Interchange @ I-64 (North Quad & Aux Lanes) | Henrico County | \$56,679,181 | 4.10 | 0.72 | | \$ - | \$ 47,193,236 | 0.20 | No |
| 9458 | S. Laburnum Ave - Gay Ave Thru Cut | Henrico County | \$5,151,501 | 3.19 | 6.19 | | \$ - | \$ - | No Leverage Needed | Yes |
| 9325 | Route 288 Northbound - Hard Shoulder Running | PlanRVA | \$39,561,735 | 22.00 | 9.34 | \$ 8,000,000 | \$ 16,000,000 | \$ (6,668,366) | 3.24 | Yes |
| 9422 | Parham Rd Ped Improvements Holly Hill Rd to Three Chopt Rd | PlanRVA | \$12,282,481 | 7.81 | 6.36 | | \$ - | \$ 1,544,052 | 6.95 | No |
| 9416 | Route 360/I-64 Interchange Reconfiguration | PlanRVA | \$15,523,933 | 9.38 | 6.04 | | \$ - | \$ 2,630,173 | 4.90 | No |
| 9267 | I-95/Willis Road - Interchange Improvements | PlanRVA | \$135,638,008 | 10.13 | 0.75 | | \$ - | \$ 121,717,285 | 0.11 | No |
| 9371 | U.S. Route 60 at State Route 13/603 RCUT | Powhatan County | \$8,642,508 | 2.22 | 3.42 | | \$ 2,160,627 | \$ 1,358,061 | 1.46 | No |
| 9372 | Dorset Road, Batterson Road & Route 60 RCUT | Powhatan County | \$8,461,236 | 1.11 | 1.75 | | \$ 2,115,309 | \$ 3,774,280 | 0.44 | No |
| 9378 | New Dorset Road & Route 60 RCUT | Powhatan County | \$7,841,123 | 1.46 | 2.47 | | \$ 1,960,281 | \$ 2,515,530 | 0.75 | No |
| 9430 | U.S. Route 60 at Red Lane Road: Continuous Green-T | Powhatan County | \$6,539,006 | 0.40 | 0.82 | | \$ 1,634,752 | \$ 3,973,058 | 0.17 | No |
| 8929 | B US360 Hull Street Phase II | Richmond City | \$21,067,622 | 5.73 | 4.14 | \$ 6,291,851 | \$ 7,249,581 | \$ 578,747 | 1.69 | No |
| 8930 | C Forest Hill Avenue Phase II Improvements | Richmond City | \$39,622,772 | 6.68 | 2.68 | \$ 14,645,821 | \$ 14,645,821 | \$ 10,399,969 | 0.58 | No |

| ID | Project Title | Sponsor | YOE Estimate | Rd 5 Benefit Score | Rd 5 B/C Score | CVTA Regional Leveraged | Total Leveraged | Additional Leverage Needed ⁽¹⁾ | ROI at Target Leverage | Staff Scenario Funding |
|------|---|---------------|---------------|--------------------|----------------|-------------------------|-----------------|---|------------------------|------------------------|
| 8928 | A Gillies Creek Greenway | Richmond City | \$5,340,700 | 9.15 | 17.12 | | \$ - | \$ - | No Leverage Needed | Yes |
| 8931 | D Clay Street Streetscape Improvements | Richmond City | \$18,770,662 | 17.67 | 9.41 | | \$ - | \$ - | No Leverage Needed | Yes |
| 8933 | E Belt Boulevard (SR161) Streetscape | Richmond City | \$36,862,887 | 7.11 | 1.93 | | \$ - | \$ 21,554,947 | 0.71 | No |
| 8934 | F Hey Road Streetscape | Richmond City | \$20,061,265 | 2.68 | 1.99 | | \$ 6,600,000 | \$ 7,263,353 | 0.45 | No |
| 8936 | H Norfolk Street Bridge Connection | Richmond City | \$41,830,387 | 11.67 | 2.79 | | \$ - | \$ 16,704,183 | 1.50 | No |
| 8937 | I Commerce Road Streetscape | Richmond City | \$20,331,645 | 4.35 | 2.25 | | \$ 1,000,000 | \$ 9,263,685 | 0.98 | No |
| 8938 | J Hull Street Shared Use Path Improvements | Richmond City | \$11,027,213 | 7.24 | 9.02 | | \$ 3,000,000 | \$ (3,000,000) | No Leverage Needed | Yes |
| 9257 | Nine Mile Road - Gordons Lane to Dabbs House Road | RRTPO | \$12,297,545 | 4.66 | 3.79 | | \$ - | \$ 5,414,844 | 1.27 | No |
| 9241 | Williamsburg Road - Randall Avenue to Charles City Road | RRTPO | \$17,651,980 | 2.91 | 1.65 | | \$ - | \$ 13,353,133 | 0.32 | No |
| 9270 | I-95/Route 10 Interchange Improvement, Phase II | RRTPO | \$48,786,841 | 3.42 | 1.08 | \$ 17,086,282 | \$ 17,086,282 | \$ 26,647,429 | 0.12 | No |
| 8927 | SB 288 HSR Lane - West Creek Parkway to Route 711 | RRTPO | \$57,898,083 | 16.28 | 3.04 | \$ 4,372,138 | \$ 4,372,138 | \$ 31,156,526 | 0.63 | No |
| 9240 | W Broad Street Intersection Improvements at Parham Road | RRTPO | \$13,835,131 | 6.93 | 6.17 | \$ 2,611,000 | \$ 2,611,000 | \$ 1,703,075 | 2.21 | No |
| 9162 | Route 360 at Brad McNeer - Continuous Green-T | RRTPO | \$12,429,941 | 8.94 | 7.19 | | \$ - | \$ 145,229 | 84.59 | No |
| 8944 | I-64 Gap: Exit 205 to Exit 211 | RRTPO | \$195,302,750 | 17.61 | 1.85 | \$ 100,000,000 | \$ 100,000,000 | \$ 71,095,718 | 0.14 | No |
| 9010 | B Fall Line Trail - Commerce Road Phase II | RRTPO | \$70,549,453 | 14.48 | 3.32 | \$ 27,000,000 | \$ 27,000,000 | \$ 23,654,102 | 0.39 | No |
| 9009 | A Broad Street Streetscape w/ Pulse BRT Expansion Phase III | RRTPO | \$23,852,736 | 25.82 | 17.16 | \$ 8,800,000 | \$ 8,800,000 | \$ (8,800,000) | No Leverage Needed | Yes |

(1) Steps to identify target leverage: (i) Identify lowest score where sufficient funding remaining in District Grant or High Priority Projects pot as appropriate based on staff scenario and actual leverage; (ii) Using the project benefit score, calculate Smart Scale request amount needed to get to score; (iii) Subtract actual leverage from target leverage to determine additional leverage needed. This process was iterated based on the revised request until the result stabilized.

CVTA AGENCY UPDATE

RRTPO Policy Board Meeting – March 2, 2023

January 4th CVTA Fall Line Working Group Meeting

The group heard the following updates/presentations:

- VDOT Update
- CVTA/Locality SPA Update
- Schedule and Spending Plan Timeline Update.
- Locality Updates on Jurisdiction Fall Line Trail Projects

February 8th CVTA Finance Committee Meeting

The committee heard the following updates/presentations:

- Draft Quarterly Reporting (1Q)
- Smart Scale Recommendations Review
 - It was reported that the region fared well in the results. The report assembled by staff will be used to help in the next round of SmartScale.
 - There was a review of the CVTA regional funds that were leveraged. There were seven locality applications, eight regional applications and the CTB's application for the I-64 widening project submitted. There was a 37% success rate. \$253 million was leveraged. \$126 million of that was successful.

February 13th Technical Advisory Committee Meeting

- Request to Redirect Funds to Ashland Road DDI Project – Goochland County
- Project Selection and Allocation Framework
 - Review of newly submitted test projects, six special consideration criteria, cost overruns, project estimates and project management.
- Smart Scale Recommendations Review (focus on CVTA leveraging impacts)

Upcoming Meetings:

- February 24th CVTA – Agenda topics include:
 - Smart Scale Recommendations Review (focus on CVTA leveraging impacts)
 - CVTA/Locality SPA Update
- March 1st CVTA Fall Line Working Group
- March 8th CVTA Finance Committee
- March 13th CVTA Technical Advisory Committee

RRTPO POLICY BOARD AGENDA 3/2/23

FUTURE MEETING TOPICS*

| Topic | Anticipated Meeting Date |
|---|--------------------------|
| STBG/CMAQ Draft Allocations | April 6, 2023 |
| Richmond - Census Urbanized Area Boundary | April 6, 2023 |
| Approval of Draft Transportation Improvement Program (TIP) | May 4, 2023 |
| Technical Advisory Committee Project Cost Estimates Report | May 4, 2023 |
| Approval of FY24 Unified Planning Work Program (UPWP) | June 1, 2023 |
| Joint Annual Meeting | June 1, 2023 |
| Election of Officers | July 6, 2023 |
| TA Set-Aside Project Endorsement | September 7, 2023 |
| DRPT Transit Modernization and Equity Study | TBD** |
| STBG/CMAQ competitive grants | TBD** |
| Update from RMTA/VDOT on tolls | TBD** |
| Infrastructure Program Presentation - state and federal funding | TBD** |

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

**Staff is working to schedule dates for upcoming presentations and will update as topics are finalized.