

# FY 2022



Richmond Regional  
**Transportation  
Planning  
Organization**

SUPPORTED BY **PlanRVA**  
AN AMERICAN  
COMPANIES

Work Program Annual Report

End of Year FY22

Accomplishments

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The RRTPO approved its FY 2022 Unified Planning Work Program (UPWP) in May 2021 and amended it in June 2021. The RRTPO Work Program Annual Report provides a short summary of each activity for the year. Please reference the [FY 2022 UPWP](#) for details concerning the approved budget and work description for each task.

Table 1 summarizes overall federal and local revenues budgeted by PlanRVA in FY 2022 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 2022 RRTPO UPWP BUDGET**

Work Task	RRTPO Budget				
	PL Approved	5303 Approved	CO 5303 Approved	OTHER (1)	GRAND TOTAL
7110 MPO Program Management	\$128,885	\$32,221	\$ -	\$ -	\$161,106
7120 UPWP Budget & Contract Admin.	\$32,314	\$8,079	\$ -	\$ -	\$40,393
7210 Public Outreach/Equity Analysis	\$156,090	\$66,896	\$ -	\$ -	\$222,986
7220 Special Planning Efforts	\$51,472	\$ -	\$ -	\$ -	\$51,472
7230 Contingency Funding	\$84,749	\$18,970	\$ -	\$ -	\$103,719
7310 Long Range Transp Planning	\$188,088	\$52,921	\$ -	\$200,000	\$441,009
7315 Scenario Planning				\$243,550	\$243,550
7320 Travel Demand Model	\$119,756	\$ -	\$ -	\$250,000	\$369,756
7330 Transit	\$ -	\$239,087	\$ -	\$ -	\$239,087
7340 Act Transp-Bike/Ped	\$254,338	\$ -	\$ -	\$ -	\$254,338
7350 System Resiliency	\$130,051	\$ -	\$ -	\$ -	\$130,051
7410 Perf Based Transp Planning	\$192,149	\$ -	\$ -	\$ -	\$192,149
7420 Transp. Improvement Program/TIP	\$264,070	\$57,967	\$ -	\$ -	\$322,037
7430 Rail & Freight	\$37,746	\$9,437	\$ -	\$ -	\$47,183
<b>TOTAL (\$)</b>	<b>\$1,639,708</b>	<b>\$485,578</b>	<b>\$ -</b>	<b>\$693,550</b>	<b>\$2,818,836</b>

(1) 7310 funds are direct carryover from FY21. 7315 and 7320 funds are RSTBG funds for travel demand model development.

**Program Management**

7100	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Program Management	\$201,499	\$175,214	87%	11

- Developed agenda packages, prepared minutes and all other follow-up documents, planned and facilitated a the following meetings:

<u>Board/Committee/Work Group:</u>	<u># of Meetings:</u>
RRTPO Policy Board	11
Executive Committee	8
Technical Advisory Committee	14
Transportation Forum Working Group	2
Community Transportation Advisory Committee (CTAC)	6
CTAC Membership sub-committee	2
Vision Zero Work Group	2
L RTP Advisory Committee	4
Joint meeting of the RRTPO Policy Board, Central Virginia Transportation Authority and PlanRVA Regional Commission.	1

- Developed agenda for the 8<sup>th</sup> Annual Richmond Region Transportation Forum; visited venue, Independence Golf Club to coordinate room set-up, catering, equipment and other logistics for the forum.
- Reviewed the list of candidate office sites provided by PlanRVA's realtor and provided comments and a preferred rank ordering of the sites. Participated in visits to 10 potential sites on October 28 and 29.
- Prepared annual reports for City of Richmond for all board and committee membership, meetings and attendance for 2021.
- Participated in the September 16 Better Together webinar, which featured presentations by representatives of Keep Henrico Beautiful, Keep Virginia Cozy, and the Chickahominy Indian Tribe on their litter removal initiatives. Megan Brown of Keep Henrico Beautiful spoke about how her organization was now part of a regional messaging campaign. Brian Bell of Keep Virginia Cozy noted his organization's efforts to provide educational opportunities as well as ongoing litter pick-up days. Dana Adkins reviewed how a tribal environmental initiative had partnered with other organizations such as PlanRVA to undertake shoreline trash removal projects.
- Reviewed and provided comments on the "PlanRVA Sightline Study 2.0."
- Participated in the July 13 and 15 sessions of the UVA Institute for Engagement and Negotiation virtual course, "Collaborative Leadership for Success." The July 13 presentation featured an overview of the eight collaborative leadership competencies and breakout discussions of why the competencies are important in

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the workplace, how they could change things in the workplace, and specific actions that could be taken to advance the competencies. The July 15 presentation covered consensus building as a leadership tool and when it may or may not be appropriate. The elements of the satisfaction triangle (procedural, psychological, and substantive) were also covered, as well as the components and characteristics of emotional intelligence.

- Participated in the July 20 and 22 sessions of the UVA Institute for Engagement and Negotiation course “Conflict Management Skills.” The July 20 presentation covered active listening, the nature and elements of conflict, conflict management styles, and opportunities within conflict. Topics covered during the July 22 session included our relationship to conflict and conflict management styles and five keys to effective conflict management.
- Participated in the August 11 UVA Transportation Training Academy course, “ADA and the Public Right-of-Way-Overview of Preparing Transition Plans.” Topics covered in the course included the Americans with Disabilities Act, self-evaluation of accessibility improvements within the right-of-way, development of accessibility improvement transition plans, curb ramp placement and design considerations, use of detectable warning surfaces, accessibility considerations within roundabouts and turn lanes, and accessible pedestrian signals.
- Participated in the July 22 Circles Ashland Big View Program transportation panel. Provided an overview of PlanRVA, the long-range transportation planning process, and how the outcomes of that process affected the delivery of transportation services.
- Participated in the July 23 virtual meeting of the VAMPO Peer Exchange and prepared a summary of the primary topics that were discussed.
- Participated in (observed) the August 6 meeting of the Tri-Cities MPO TAC. Primary topics included the Plan2045 Metroquest survey and the draft outline, the list of regionally significant projects to be included in the Plan2045 financially constrained list, a summary of the MPO’s Round 4 SMART SCALE applications and scores, and an update on applications submitted for Congressional earmark funding.
- Participated in (observed) the August 24 and 25 certification review meetings for the Richmond and Tri-Cities MPO’s, respectively. Among the topics discussed were an overview of the transportation planning organization; public transportation, coordination and transit planning; Unified Planning Work Program and Multimodal Planning; Planning Factors, Long Range Transportation Plan, Transportation Improvement Program and Performance Measures; Financial Planning; and Public Involvement Process, Title VI, DBE, EJ and ADA. Prepared a summary of the major topics discussed as part of the Tri-Cities MPO Certification Review.
- Participated in the September 3 meeting of the Tri-Cities MPO Technical Advisory Committee and prepared a summary of the Committee’s major actions
- Prepared an update of recent and future transportation planning activities for distribution and discussion at the August 11 meeting of the Goochland Community Partners.
- Participated in the August 12 ChamberRVA Shared Values Conversation. The program featured remarks by JB Holston, CEO of the Greater Washington Partnership and Loren Hudson of Comcast on actions to enhance diversity, equity,

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and inclusion within the region. The speakers noted the importance of diverse teams, use of Employee Resource Groups, and the action steps ChamberRVA will be taking to promote diversity, equity and inclusion.

- Participated in the August 27 VAMPO Peer Exchange. In addition to a presentation on the FAMPO Transportation Improvements Survey, the meeting included a discussion of the need for additional funds to support the planning process, and how to incorporate SMART SCALE and OIPI-recommended projects and studies into MPO planning documents and processes
- Participated in the September 15 virtual VAMPO training program, “Integrating Equity and Inclusion into Public Outreach and Engagement Processes.” The training topics covered included Arrested Mobility. Ensuring Justice, Equity and Inclusion, Building Community Trust and Transparency, and Prioritizing and Centering Equity.
- Participated in the December 2 meeting of the Safety Committee. Among the topics discussed were VRSA grant opportunities for the purchase of safety equipment; holding a virtual staff fire extinguisher training class; holding a fire evacuation drill; and providing regular safety messages to the staff.
- Reviewed and provided comments on a proposal for professional services related to the development of new website for the Central Virginia Emergency Management Alliance.
- Participated in the February virtual “Better Together” program. The presentation featured an overview of Bike/Ped RVA 2045. Among the topics discussed were the plan’s guiding principles, vision, goals and big ideas.
- Participated in the January and March virtual VAMPO peer exchanges. Updated those Data requests from planning partners and peer agencies.
- Observed the January, February and March meetings of the Tri-Cities MPO Technical Advisory Committee.
- Participated in the November 8 virtual meeting of the VAMPO Board of Directors. Primary meeting topics included development of a Title VI refresher training course and updating the Virginia TIP Preparation Guide.
- Participated in the November 19 virtual VAMPO peer-to-peer discussion. In addition to discussing the MPOs’ experience with Smart Scale, other topics discussed included changes in MPO areas, attracting and retaining staff, and telework policies and practices.
- Participated in the January webinar, “411 on 211”. The webinar featured an overview of the regional 211 information and referral system; how to search the database; using the Data Dashboard to extract information on queries by timeframe, category, and zipcode; and archived and upcoming training sessions.
- Reviewed and provided comments on the PlanRVA COVID-19 Infectious Disease Control Policy. Prepared for distribution to the staff a summary of recent CDC information on the selection and use of masks.
- Participated in the January RVA Better Aging Forum, “Eliminating Negativity in the Workplace.” The presentation featured an overview of what negativity looks like, reasons for workplace negativity, the implications of workplace negativity, and suggestions for preventing negativity.
- Continued coordination with the Community Foundation, GRTC, RMTA, GRP, ChamberRVA and RRT on their initiatives and areas of overlap with our agencies.

- Continued coordination with local staff, elected officials, and congressional representatives.
- Participated in the March virtual meeting of the Office Space Planning Team. Among the topics discussed were the current status of the office layout plans; ideas for furnishings, floor coverings, and window treatments; and office access and security measures.
- Participated in March meeting of the internal safety team. Among the topics discussed were new workplace COVID-19 regulations, precautions and suggestions for holding in-person meetings, offering training on CPR and the use of the AED, and developing new safety procedures and practice for the new PlanRVA office space.
- Participated in the March virtual fire extinguisher training. In addition to a brief discussion on fire safety, the training provided an opportunity to practice the steps involved in using an extinguisher to put out a simulated fire.

### **Public Outreach & Equity Analysis**

7210	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Public Outreach & Equity Analysis	\$222,986	\$186,901	84%	13

- LRTP Public Engagement coordination meetings - internal
- Directed engagement meetings with the public related to ConnectRVA 2045
- General outreach to planning partners and stakeholders, relating to ConnectRVA 2045 and other transportation projects.
- Prepared options for consideration in a public engagement strategy, timeline, and work assignments for the BikePedRVA 2045 plan review and input before adoption of the plan.
- Continued with BikePedRVA 2045 public engagement and stakeholder outreach meetings. Meetings included: BikePed Steering Committee, TPO Policy Board to open public comment, Richmond Health District, Virginia Community Voice, Friends of the James River Park, New Kent BOS, Virginia Capital Trail, Hollybrook apartments at St. Joseph's Villa and Flying Squirrels Block Party. March meetings included: Richmond Office of Immigrant and Refugee Engagement, Partnership for Smarter Growth, Hanover County Board of Supervisors, Chesterfield County, Ashland Town Council, CTAC Meeting, and Bike Walk RVA. Mr. Thornton's constituent meeting on April 18
- Social media planning to promote BikePedRVA 2045 public comment period.
- Drafted community engagement report for BikePedRVA 2045 draft plan.
- Conducted Transportation Forum public engagement debrief and planning.
- Planned and presented BikePedRVA 2045 Better Together Webinar on 2/17/22.

- Participated in several community events including the Multicultural Fest-Imagine 2022, ¿Qué Pasa? Festival, and Flying Squirrels community night to increase awareness about ConnectRVA 2045 Plan, BikePedRVA 2045 Plan, and increase public participation in transportation initiatives.
- Implemented community outreach tactics and submitted announcements to digital & print media to publicize the joint annual meeting for RRTPO, PlanRVA, and the CVTA
- Published first newsletter for RRTPO, PlanRVA and the CVTA to inform the public of recent successes and upcoming priorities.
- Drafted community engagement report for BikePedRVA 2045 web site.
- Participated in two internal meetings on the development of the planned newsletter for RRTPO, PlanRVA and the CVTA.
- Continued community outreach regarding upcoming decisions, public engagement opportunities, and work that is being undertaken in each of the nine jurisdictions.

**Special Planning Efforts**

7220	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Special Planning Efforts	\$51,472	\$46,625	91%	15

- Coordinated with local staff, elected officials, and congressional representatives on developing project applications for potential federal earmarks.
- GRP technical advisory steering committee.
- Coordination with GRTC, RMTA, GRP, ChamberRVA and RRT on their initiatives and areas of overlap with our agencies.
- Data sharing discussions with GRTC, RMTA and GRP.
- Coordination of speaking engagements to highlight agency achievements with groups like AMPO, NADO, and local/regional partners.
- Coordinated with local staff, elected officials, and congressional representatives on developing project applications for potential federal earmarks.

**Contingency Funding**

7230	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Contingency Funding	\$103,719	\$0	0%	16

- No activity for this work task.

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### **Long-Range Transportation Plan**

7310	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
L RTP	\$441,009	\$422,827	96%	17

- GRP technical advisory steering committee
- Conducted open houses public meetings on September 1 at Chesterfield/Clover Hill Technical Center and on September 14 at Henrico's Fairfield Library.
- Participated in Interagency Consultation Workgroup Meeting for the Air Quality Conformity requirement of the ConnectRVA 2045 plan.
- Prepared for the public review and comment period for the draft Air Quality Conformity Report which was from July 9 through July 24.
- Participated in the July 22 virtual meeting of the ConnectRVA 2045 Advisory Committee. The primary topics included presentations on the constrained plan evaluation, document development and the strategy for the upcoming final public engagement period.
- Reviewed and Incorporated Public Review comments from the Aug 16 to September 15 review period in the *ConnectRVA 2045* document and technical reports for review and approval by the TAC on September 14 and the L RTP AC on September 23. Prepared same for posting on TPO Policy Board agenda for
- Participated in the July 13 US Census Bureau webinar, "Census Data About Persons with Disabilities." The presentation included information on the kinds of information that is available, how to access it, and proposed uses of the information.
- Participated in the July 14 meeting of the ConnectRVA 2045 Public Outreach Committee. The primary topic was obtaining public comment/input on the findings and recommendations of the long-range transportation plan. In addition to in-person meetings at selected public libraries, plans were made to provide updates to all local governing bodies. The proposed format for the public meetings was also discussed, along with creation of a video and distribution of information at an upcoming Richmond Flying Squirrels baseball game.
- Participated in the July 21 meeting of the L RTP Public Outreach Committee. Among the topics discussed were possible locations and dates for public review meetings; the organization of the meetings; and ways of recording public comments and questions.
- Participated in the September 20 VTrans Long-term Risk & Opportunity Register Webinar #3. The webinar featured an overview of the ten macro trends that may affect future mobility levels and the extent to which these trends may increase or decrease travel. Opportunities and risks associated with each trend were presented, along with how the trend addresses the Commonwealth Transportation Board's goals for transportation.
- Completed the final version of the plan document and technical reports for *ConnectRVA 2045*.
- Transportation Plan Advisory Committee. The main item in the agenda was the 'ConnectRVA 2045 Concluding Discussion' in which L RTP-AC members provided



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feedback on lessons learned and recommendations for 2050 LRTP update. Other topics included development of a citizens' guide for the plan.

- Streamlined the ConnectRVA 2045 files and folders in PlanRVA Server for future use and reference.
- Participated in the October 5 staff discussion concerning the creation of a regional data hub. The discussion covered the data that might be included in a GeoHub site, data layer types, and policies for inclusion of data, such as only including data that has been approved by a policy-level board.
- Participated in the October 29 LRTP Core Group wrap up meeting. Among the topics discussed were the locations of the electronic files related to the plan; factors to consider in identifying candidate projects; and lessons learned that will be helpful and applicable to the development of the scope of work for the 2050 plan.
- Began internal strategy for development of scenario planning process leading into ConnectRVA 2050
- Participated in the December 7 OIPI demonstration of the VTRANS transportation planning tools and datasets. The demonstration covered the features of the data explorer and map explorer datasets, as well as how four key megatrends may affect future transportation conditions

#### Scenario Planning

- Participated in the internal staff meetings to discuss the scenario planning process.
- Developed and finalized the scope of work for an executable scenario planning process design/tool for PlanRVA.
- Worked on the draft Request for Proposal (RFP) for consultant services required for scenario planning.
- Posted the Request for Proposal (RFP) for consultant services needed for scenario planning in PlanRVA website on May 18. The deadline for proposal submissions is June 17.
- Posted answers to the questions posed by consultants related to the issued RFP.
- Explored open-source existing tools/models to develop an in-house tool to create a Synthetic Population for the Richmond region.
- Outreach to other MPOs to learn their approach and outcomes of their scenario planning processes.
- Reviewed existing literature to get informed about the tools/models/applications which could be used for scenario planning.
- The localities VDOT, DRPT and GRTC have all designated an appointee from their organization to participate in SE Data Workgroup. The appointees were confirmed by the end of May.
- Outreach and research to develop a database of group quarters in the Richmond region.
- Three Request for Proposal (RFP) responses for consultant services needed for scenario planning were received by June 17.
- Established a scoring mechanism to review, score and rank the RFP responses.
- Set Interview dates for early July.

- Groundwork for the Socioeconomic data Development process. The TAC established the workgroup and appointees were confirmed by early June. The kick-off meeting will be in early July.

#### External Transportation Study Meetings

- Attended the Powhite Parkway Extension Traffic Working Group Meeting via Zoom in February, March, May, June
- Attended the Richmond District Pipeline Projects - Alternatives Review and Discussion meeting via Zoom on February 1.
- Coordinated environmental program on development of a draft Eco-Logical Framework following FHWA guidance and Charlottesville Area MPO experience for use in future LRTP and scenario planning models. This approach combines conservation features into a weighted raster to assess the environmental impact of projects. This tool will allow for early planning-stage identification of environmental and cultural heritage resources which can be impacted by a project and will also provide the ability to develop least impact corridors and routes. The initial model uses the ConserveVirginia data from DCR as a starting place. Preliminary meetings with three tribal partners (Chickahominy, Chickahominy – Eastern Division, and Pamunkey) have been set for early June. Additional meetings with localities through PlanRVA's Environmental TAC are planned for the future.

#### **Travel Demand Model (RTDM)**

7320	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
RTDM	\$369,756	\$133,171	36%	19

#### Consultant Support

- Continued discussion with the consultants and finalization of the tools developed for Task 8: ConnectRVA 2045 Tools Development including RTC model-based tools, the accessibility tool, the Benefit Cost Analysis Tool and the Economic Impact Analysis Tool. These tools were used to evaluate the ConnectRVA 2045 Constrained Plan.
- Reviewed the on-call consultant close-out invoices for Task 6,7 8 and 9 and developed invoice cover memos for the invoices delivered on July 21, 2021, and August 24, 2021.
- Reviewed the final draft documentation and provided comments to be incorporated.
- Reviewed the draft RTC model with base; existing and committed; and cost-feasible scenarios.
- Final discussion with the consultants for the close-out of Tasks 6,7,8 and 9
- Reviewed the final documentation and accepted it.
- Tested the final delivered RTC model for the various new components.
- Organized all Model Run Files.
- RSTP/CMAQ project scoring by using RTC model package
  - 21 projects were coded in the Needs model and scored.

RTC Model

- Worked to develop a framework to develop Interim Years in the RTC Model. The first set of Interim Years would be 2027, 2030, 2033, 2035 and 2039.
- Streamlined the RTC model with three scenarios Base2017, Existing and Committed 2026 and Cost Feasible 2045 based on the adoption of ConnectRVA 2045. This model will be distributed to external parties upon request.
- Continued work on scoring new CVTA application projects by using RTC Model
  - 20 CVTA projects have been coded in the model master network and run by the model.
  - Most of them were already coded before in the LRTP list while some have slight changes in their project description.
- Provided the Long-Range Transportation Plan related spatial data to Office of Intermodal Planning and Investment (OIP).
- Discussion with the on-call consultant on the things which need to be done when the horizon year of the RTC model is updated from 2045 to 2050 to be used in the PlanRVA scenario planning process

Data Request

- Provided the latest Richmond/Tri-Cities (RTC) model to VDOT TMPD modeling team. VDOT will provide this model to any consultants who request the RTC model for any study.
- Provided the latest RTC Model to the consultants (Johnson, Mirmiran & Thompson, Inc) to be used for the Powhite Parkway Extension Study in Chesterfield County. Also provided them with Network GIS files.
- Provided modeling application services to the consultants (Clark Nexsen) for the hypothetical scenario would be the elimination of the SB ramp from the Manchester bridge in the city of Richmond.
- Responded to the survey questions from Hawaii State Energy Office who are surveying MPOs around the country regarding their traffic demand forecast modeling methods and entry points into decision making.

**Transit**

7330	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Transit	\$239,087	\$181,875	76%	21

- Participated in the August 10 Metro Magazine webinar, “Bring Confidence Back and Restore Ridership.” The webinar featured a presentation and discussion of a proprietary air purification system and surface cleaner that can significantly reduce the presence of the COVID-19 virus in the interiors of transit vehicles. According to the manufacturer, installation of the systems, when coupled with public information efforts, can restore confidence in using public transit.
- Participated in the August 13 FTA Transit Renewal Initiative Listening Session, “America’s Open and Transit’s Open.” The session consisted of a series of speakers on such topics as partnerships and coalitions; addressing inequities and creating equitable systems; and advocacy and community engagement.

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- Participated in the August 19 National Aging and Disability Transportation Center webinar, “AAA’s and Transportation-Spotlighting Opportunities Under Section 5310.” The webinar featured presentations by representatives of Bay Aging (VA) and the Old Colony Planning Council (MA) concerning their agencies’ transportation services. Ken Pollock of Bay Transportation described the types of transportation services offered by his organization, the measures taken to protect drivers and passengers during the COVID-19 pandemic, and a “Good to Go” campaign that had been developed to educate riders about returning to the use of the service. David Klein of the Old Colony Planning Council described his agency’s volunteer driver reimbursement program and how rides for this service were arranged by the Taking People Places website. Virginia Dize of the NADTC talked about a 2019 survey of transportation providers, and that a key finding of the survey was that many providers rely upon a patchwork of funding sources to support their services.
  - Participated in the August 24 Eno Center for Transportation webinar, “Sharing the Sidewalk with Robots; Personal Delivery Device Technology and Policy.” The presentation included a definition of personal delivery vehicles, a summary of regulations by type and state, issues associated with crashes involving these devices, and recommendations to encourage more widespread use of these devices.
  - Staff is serving on a Transit Oriented Development (TOD) project team with community partners—PHA, GRTC, ChamberRVA, DRPT--to assist Greater Washington Partnership (GWP) conduct a data-driven research analysis of the next potential north-south BRT route. PlanRVA’s role is to provide underlying statistics from the July 2017 Pulse Corridor Plan (prepared under contract by PlanRVA for the City of Richmond) sharing similar metrics which may be considered to measure viability of a north-south route. A stakeholder meeting for the new study was held on June 21 and was followed up with a second one on August 4. Building on the draft report on the study background shared on August 4, the project team met on September 27 to receive a second draft of the recommendations. A consolidate draft is to be provided to the stakeholder group in mid-October.
  - Participated in the September 9 VDRPT webinar, “Transit Recovery Marketing Initiative.” The webinar featured a review of VDRPT’s Transit Crisis Recovery Handbook and marketing initiative. Prepared and shared a summary of my notes with Adrienne Torres of GRTC and Von Tisdale of RideFinders.
  - Participated in the September 10 Mobility 21 webinar, “Opportunities for Shared Mobility Technologies in Public Transit Systems.” The webinar featured an overview of a doctoral dissertation project that analyzed conditions under which shared autonomous vehicles might best benefit public transit services. It was noted that coverage, equity and cost considerations are all factors in determining when shared and autonomous vehicles can best serve and supplement fixed route services.
  - Participated in (observed) the July 12 virtual meeting of the CVTA Personnel Committee. Among the topics discussed were the CVTA staffing and structure; duties and responsibilities; use of the HR roundtable; and development of a staffing timeline.
  - Participated in (observed) the July 12 virtual meeting of the CVTA Technical Advisory Committee. In addition to recommending acceptance of the Transit

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- Service Governance Report, the Committee received an update from the CVTA Finance Committee and an update on the regional project prioritization process.
- Participated in (observed) the September 13 virtual meeting of the CVTA Technical Advisory Committee. The primary topic was an update on the regional project prioritization process. The disposition of five comments that had been submitted was discussed, as well as possible modifications to the process. The Committee agreed to recommend the process with minor modifications to the CVTA Policy Board for consideration.
  - Participated in the GRTC July 8 virtual public meeting, which provided an overview of proposed service changes to six routes. Prepared a summary of the main points from the meeting.
  - Reviewed the agenda packet for the July 20 GRTC Board of Directors meeting. Participated in (observed) the July 20 virtual Board meeting. Among the topics discussed were the CVTA Governance Study, Downtown Transfer Center Design contract, regional micro transit study, and FY23 regional public transit plan.
  - Participated in (observed) the August 17 virtual meeting of the GRTC Board of Directors and prepared a summary of the Board's discussions and decisions.
  - Reviewed the agenda packet for the September 21 GRTC Board of Directors meeting. Participated on (observed) the September 21 virtual meeting of the Board of Directors and prepared a summary of the primary topics discussed
  - Participated in the September 21 TRB webinar, "Improving Bus Stops through Transit Agency Relationships." The webinar featured a summary of TCRP Synthesis 152, "Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access." Information was presented on key findings from a survey that was conducted in conjunction with the research project. Key takeaways related to dedicated funding, customer input and education, prioritization scoring, maintenance and standards, coordination, piggybacking and packaging, and local partnerships and agreements were presented. Case studies involving Via Metropolitan Transit in San Antonio, Texas and the Utah Transit Authority were also presented.
  - Participated in the September 23 RVA Rapid Transit "Transit Talk" program. In addition to a report on the state of public transit in the region, the program featured a series of excerpts from recorded interviews with riders of GRTC. Among the topics discussed were lack of shelters and benches, the importance of maintaining zero fares, the need for weekend and late-night service, and preferences for extension of service.
  - Participated in the September 15 virtual Florida Commuter Transportation Summit. The summit featured an update on the State of the Florida Commuter Assistance Program, a neighborhood-based commuter assistance marketing program, state, town and private sector perspectives on commuter services, and highlights of commuter assistance research.
  - Participated in the July 1 hybrid virtual/in-person meeting of the Hanover Human Services Network. Briefed those in attendance on ConnectRVA 2045, the upcoming July 15 CTAC meeting, and the Central Virginia Transportation Authority
  - Participated in the July 8 virtual meeting of the Senior Connections Advisory Council. Briefed the Council members on ConnectRVA, the July 15 CTAC meeting, and the activities of the Central Virginia Transportation Authority. Followed up by

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forwarding a summary of these topics to Marge Boynton of Senior Connections for distribution to the members of the Advisory Council.

- Spoke with Carol Dunlop of Goochland Cares via telephone on July 21 concerning the coordinated human service mobility plan and the role of her agency in the development of the plan and the upcoming Section 5310 perspective applicant's meeting.
- In response to an inquiry from Colleen Wilhelm of Senior Connections, looked into and compiled resources and suggestions for helping to estimate the number of transportation-disadvantaged seniors in Goochland and Powhatan Counties.
- Participated in the August 26 FEMA Preparedness Call for People with Disabilities. The call featured information and tips for emergency preparedness for persons with disabilities. Practical suggestions were offered on communications access, emergency awareness and preparation, and suggested items to include in an emergency "Go Bag".
- Participated in the September 21 virtual meeting of the ModivCare (formerly LogistiCare) Advisory Committee. Among the topics discussed were actions to maintain rider safety during the COVID-19 pandemic; reports on ridership, complaints and online utilization; the features of new driver reimbursement and member apps; and a trip digitization initiative being instituted by the Department of Medical Assistance Services.
- Participated in the National Aging and Disability Transportation Center webinar, "Coordination Connections: Regional Coordination Councils." The webinar featured presentations by representatives of the Minnesota Regional Transportation Coordination Council and Denver Regional Mobility and Accessibility Council. The presentations featured a discussion of why to coordinate; the structure of coordination councils in Minnesota; the development phases associated with creating regional coordination councils; issues addressed by the coordination councils; examples of coordination initiatives; and how mobile apps can be used to enhance coordination
- On September 28 prepared and provided to the Senior Connections Board of Directors an update on regional transportation matters
- Participated in the October 8 Smart Mobility Connection webinar. The webinar featured a presentation on the results of a research project concerning the impact of COVID-19 on bus usage and the policy implications of using autonomous vehicles for passenger transportation as well as grocery delivery.
- Participated in (observed) the October 12 virtual meeting of the CVTA Technical Advisory Committee. The primary meeting topics included a staff update and the regional project prioritization process.
- Observed the October 13 meeting of the CVTA Finance Committee. Among the topics discussed were development of a six-year program budget for the expenditure of anticipated funding; the operating budget implications associated with the compensation of an executive director; review of the requests for proposal for financial services and bond counsel; and the findings of the FY21 financial audit.
- Participated in the October 26 virtual meeting of the GRTC Board of Directors and prepared a summary of the meeting.
- Participated in the October 26 webinar, "Flexibility is Forever-Future Proof the Commute." The webinar featured presentations by Kelly Koster of Luum and Ted

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Sturgeon of the Seattle Cancer Care Alliance. Among the points noted were trends in commuting post-COVID; the importance of instituting flexible commute benefits such as daily parking reservations and charges, customized employee commute subsidies and rewards; and the role of flexible commute options in attracting and retaining employees.

- Participated in (observed) the October 29 meeting of the Central Virginia Transportation Authority. Among the topics discussed were the regional project prioritization scoring and ranking results; an update on staffing; and a presentation on revenue forecasts through FY28.
- Observed the November 8 virtual meeting of the CVTA Technical Advisory Committee. Meeting topics included the regional project prioritization process, establishment of a working group to guide the development of the Fall Line Trail, and a presentation on the GRTC Micro-Transit study
- Reviewed the agenda for the November 16 meeting of the GRTC Board of Directors. Participated in (observed) the Board's virtual meeting and prepared a summary of the major points from the meeting.
- Participated in the November 30 VDRPT virtual Transit and Special Programs Workshop and prepared a summary of the information pertinent to the work of the TPO.
- Observed the December 3 meeting of the CVTA Policy Board. Among the meeting topics were a public hearing on the list of projects for initial investment of regional revenue funds; an updated cost estimate for the Fall Line trail; and a time line and process for the selection of projects to be included in a six-year plan.
- Participated in the December 3 Smart Mobility Connection webinar, "Centering Operators' Perspective in Designing Future Transit Work." The presentation focused on recent research that is examining the impacts of increasing automation on transit operators' work responsibilities, tasks, skills and compensation, as well as the trends in the number of operators that will be needed in the future
- Participated in the December 8 Eno Center for Transportation webinar, "Redesigning Transit Networks for the New Mobility Future." The webinar featured a discussion of the reasons for initiating a bus network redesign, the steps in the redesign process, resources for undertaking redesigns, redesign checklists, and how the COVID-19 pandemic has affected the redesign process.
- Observed the December 13 virtual meeting of the CVTA Technical Advisory Committee. The primary meeting topics included the FY23-26 project application schedule, procurement of consultant assistance to review project estimates, and the development of project administration agreements for CVTA-funded projects.
- Participated in the Mass Transit Magazine December 15 webinar, "MaaS as a service-How Multi-Modal Transportation Will Address Future Needs." The topics discussed included mobility market growth drivers, challenges and problems in multimodal integration, and a framework for the integration of multimodal services
- Participated in the December 16 Mass Transit magazine webinar, "Behavioral Parking Research." The webinar reviewed the findings of a study of the impacts of a daily parking charge system on parking demand and usage at Vanderbilt

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University. Vanderbilt University has established a goal of reducing the drive alone mode from 76% to 55%, and the study examined how the framing of e-mail messages related to parking had affected parking utilization rates.

- Reviewed the agenda packet for the December 21 GRTC Board of Directors meeting. Observed the virtual meeting and prepared a report of the Board's discussions and decisions.
- Participated in the October 1 VDRPT Central Region Coordinated Human Service Mobility Plan virtual meeting. The meeting included a review of the requirements of the Coordinated Human Service Mobility Plan, the recommendations from the plan, recommendations specific to the Central Region, and round-robin statements from representatives of various agencies and organizations concerning their current transportation services, the extent to which they have collaborated with other agencies and organizations on transportation, and whether they intend to apply for a FY-23 Section 5310 grant.
- Prepared a summary of recent transportation developments for presentation to the Hanover Human Service Network on October 7 and the Senior Connections Advisory Council on October 28.
- Participated in the October 22 VDRPT Human Service Grant Application Virtual Workshop. In addition to an overview of the Section 5310 Program, the workshop presented information on the Section 5310 capital, mobility management, and operating programs as well as the Rural Transportation Assistance Program (RTAP), the online grants administration system, and invoicing and reporting procedures.
- Participated in the November 1 National Aging and Disability Transportation Center webinar, "A Deeper Dive Into Diversity and Transportation." The webinar featured a summary of the results of a nationwide survey of a diverse group of individuals and solicited information on barriers to transportation and modes of transportation used. Also presented were conclusions and next steps, which include further exploration of the transportation needs and concerns of diverse groups.
- Prepared and presented a summary of recent developments in transportation for the November 16 virtual meeting of the Senior Connections Board of Directors.
- Participated in the November 17 virtual meeting of the Senior Connections Transportation Coordination Entity Committee. Topics discussed included changes in the Senior Connections Ride Connection services; the meeting frequencies of the Coordination Entity and workgroups; COVID-19 related challenges in providing specialized transportation; opportunities to take services and programs to individuals; partnership opportunities; and the dedicated transportation services section of Virginia Navigator.
- Reviewed and provided proposed edits to the minutes of the November 17, 2021 meeting of the Senior Connections Human Services Transportation Coordination Entity
- Participated in the December 7 virtual meeting of the ModivCare Advisory Board. Followed up by providing Thomas Garnett of ModivCare a report of recent and upcoming transportation-planning related activities as well as a link to the transportation section of the Virginia Navigator website.
- Participated in the December 9 virtual meeting of the Longevity Project. The meeting featured a review of the Project's activities for 2021, a presentation on a



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new Personal Care Assistant training school, discussion of trends in gerontology, and a slide presentation honoring the life of the recently-deceased Executive Director of Senior Connections, Thelma Watson.

- Spoke with Debra Preston of the Hanover Department of Community Resources about the FTA Section 5310 Program and transportation needs and service gaps in the region. Followed up by sending her a link to the 2019 Coordinated Human Service Mobility Plan and recommending that the County's application address some of the recommendations contained in the plan.
- Prepared and sent a reminder e-mail concerning the Section 5310 application period to members of TAC, CTAC, and representatives of approximately 90 human service agencies and organizations in the region
- Participated in the January and March Eno Transportation Foundation webinars, "EV Charging Networks" and "Trains, Buses, People-An Opinionated Atlas of US and Canadian Transit"
- Participated in the January Mass Transit magazine webinar, "How Transit Agencies are Partnering with TNCs to Complement Traditional Modes of Service."
- Participated in the March TRB webinar "Micromobility and Transit: Keys to Successful Collaboration."
- Participated in the March Smart Mobility Connection-Traffic 21 webinar, " Self-Driving Technology and Trust-Can a Driving Simulator Help?".
- Participated in the March Optibus webinar, "Public Transportation in 2022: How to Adapt to Changing Paradigms and Priorities."
- Observed the March meeting of the VDRPT Transit Services Delivery Advisory Committee (TSDAC).
- Observed the January and March meetings of the GRTC Board of Directors and prepared a summary of the Board's discussions and decisions.
- Reviewed and provided comments on the Scopes of Work for the GRTC BRT Expansion Study and Engagement Plan.
- Participated in the March RVA Transit Talk panel discussion, "Transit Governance for Dummies." The panel featured Julie Timm and Ben Campbell of GRTC and Hampton Roads Transit CEO William Harrell.
- Met with the Chickahominy Health District to answer questions concerning health-related needs in the region and the intersection of health and transportation.
- Participated in the January VDRPT FY23 Grant Cycle Update. The webinar included information on changes in procedures for applying for FY23 funds. Due to information technology challenges, VDRPT will be moving to a less automated process for the submission of applications for FY23.
- Participated in the January Shared Use Mobility Center webinar featuring a summary of the Arlington, Texas RAPID case study.
- Met with Moovit technologies to review the Moovit Mobility as a Service (MaaS) platform and discuss current state of transportation in the Richmond region.
- Participated in the January 27 PlanRVA "Better Together" virtual meeting, which featured GRTC CEO Julie Timm. The principle topic was planning for microtransit services, and among the items covered were defining microtransit; lessons learned from agency peer review; the process GRTC plans to follow in its studies; questions that will guide the studies; and candidate areas for further study.

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- Participated in the January 6 hybrid meeting of the Hanover Human Services Network. Reported on recent regional transportation developments, including meetings of the RRTPO and CVTA Finance Committees and the upcoming CTAC meeting, and the Richmond microtransit study.
  - Revised the memo to Neil Sherman of VDRPT summarizing the TPO's efforts to inform human service agencies in the region about the Section 5310 Program, and the status of applications received
  - Participated in the January virtual meeting of the RideFinders Advisory Board. Primary meeting topics included an operational reports overview, the agency's annual report, a summary of advertising, education and awareness campaigns, recent organizational awards, and the FY21 audit findings. Followed up by sending to Executive Director Von Tisdale information about the regional bicycle and pedestrian planning effort.
  - Participated in the February webinar, "Complete Streets to Complete Networks."
  - Met with RVA Rapid Transit Programs and Communications Manager Richard Hankins. Among the topics discussed in the introductory meeting were the long-range transportation planning process, opportunities for public engagement, and regional public transportation needs.
  - Participated in the portion of February FTA Region III FY22 Triennial Review Virtual Training Workshop concerning the Section 5310 Program.
  - Elderly and Disabled
    - Participated in the NITC webinar, "Mobility Accessibility and Resiliency of Community-Dwelling Older Adults." The presentation featured an overview of recent research on barriers and challenges to older adults' mobility; how older adults' mobility status has changed during the COVID-19 pandemic; the coping strategies seniors have used during the pandemic; and recommendations for enhancing the mobility of seniors.
    - Prepared a summary of recent transportation planning activities for distribution and discussion at the January 25 meeting of the Senior Connections Board of Directors. Participated in the January virtual meeting of the Board and briefed the members on the status of recent and upcoming meetings of CTAC and the TPO, respectively, the regional microtransit study, VDRPT's Section 5310 Program, and the regional bicycle and pedestrian planning effort.
    - Participated in the March virtual quarterly meeting of the longevity project. In addition to a review of 2021 accomplishments and 2022 plans, the meeting included a discussion with new Senior Connections Executive Director Amy Strite concerning her agency's vision and goals and approaches to supporting the needs of the region's seniors.
    - Provided suggested edits on a draft Senior Connections transportation survey.
    - Participated in the March Richmond History Makers Celebration at Virginia Union University. Senior Connections was recognized for its work to improve regional transportation.
    - Prepared and presented a report on recent transportation planning activities for the February virtual meeting of the Human Services Transportation Coordination Entity meeting. Participated in the meeting and followed up by compiling and forwarding to Senior Connections staff a list of documents related to technology and transportation. Also reviewed and provided proposed edits to the meeting summary.

- Prepared and presented a report on recent transportation planning activities for the February virtual meeting of the Senior Connections Advisory Council.
- Coordinated with GRTC staff on developing a scope of work for a N-S Bus Rapid Transit route analysis study
- Discussion with the on-call consultant on the things which need to be done when the horizon year of the RTC model is updated from 2045 to 2050 to be used in the PlanRVA scenario planning process.
- Prepared a report on recent regional transportation developments for presentation to the Senior Connections Board of Directors (5/17) and Human Services Transportation Coordination Entity Steering Committee (5/18).
- Participated in the first meeting of the New Kent Community Health Assessment Steering Team on May 17 at the New Kent Health and Human Services Conference Room. Primary topics included introductions of the team members; an overview of the assessment process and why it is conducted; the roles of the steering committee members; and an asset mapping activity that included the identification of community strengths and resources in six key areas.
- Participated in the May 18 virtual meeting of the Senior Connections Human services Transportation Coordination Entity Committee. Primary topics included overviews of the Virginia Transportation Navigator, which is a joint project of Virginia Navigator and VDRPT, and the Ride United Service, a program of the United way of Greater Richmond and Petersburg.

**Active Transportation: Bicycle and Pedestrian**

7340	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Active Transportation	\$254,338	\$242,674	95%	22

Active Transportation Work Group

- Staff continues to work with Henrico staff on the County's ATWG and efforts to develop the bicycle and pedestrian chapter of the county's comprehensive plan. PlanRVA staff joined Henrico staff for a tour of the Gamble's Mill Eco-Corridor at the University of Richmond campus and the connections into the surrounding neighborhoods and regional routes. Staff is also planning to meet and discuss safer bicycling and pedestrian connections into the campus. This is intended to serve as a case study which may be applicable to other campuses such as VUU, RMC, VSU and the community colleges.
- Staff attended a Bike Month planning session for BikeWalkRVA, and continues to assist with Bike Month promotion of events scheduled for October.
- Staff continued to work with Virginia Department of Health and their Complete Streets work group.

East Coast Greenway

- Staff continues to work with East Coast Greenway Alliance (ECG) on updates to designated sections of the trail the Richmond region. The ECG coordinator for Virginia changed her role and PlanRVA staff agreed to assist the ECG in the

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Commonwealth during this phase if the need arises. As a result, working with ECG staff and VDOT to coordinate the opening of a key section of trail (Chatham Bridge) in Fredericksburg.

- Once the new Virginia coordinator was hired, RVA staff began working with the ECG to help get the new hire up to speed on Virginia and Richmond area projects concerning the ECG. A meeting with the new coordinator is planned for January 26 in Richmond.
- PlanRVA staff is assisting the new Virginia and Washington DC Coordinator for the East Coast Greenway Alliance (ECG) to plan for a Virginia summit in April.
- Staff worked with East Coast Greenway Alliance (ECG) to hold the Sept. 21 East Coast Greenway Fall Virginia Summit to be held at the PlanRVA offices (and virtually).
- Staff continues to consult with regional partners to make additions and revise the interactive GIS story map data collected for the plan. The draft plan was prepared for review by the steering committee and delivered during our meeting on July 14. The committee is expected to review and provide comments by July 27.
- Staff continues to meet with partner localities for project list inclusion and updates on funding for projects in concert with the ConnectRVA 2045 constrained project list.
- As part of the Bike/Ped plan, staff continues to develop and revise the regional plan story map. The map and data have been presented to the steering committee and staff will continue to revise.
- Continued update of a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike.
- Staff also continues to work with ECG on updates to designated sections of the trail the Richmond region. There are expected to be more sections in Virginia up for approval in the December council meeting.
- East Coast Greenway Alliance (ECG) on potential designations of segments of the future route of the trail through the Richmond region. The spring Virginia East Coast Greenway committee summit was held virtually on May 24.
- Work continues with ECG on updates to designated sections of the trail the Richmond region and to help track funding grants for improvements to sections of the trail. Staff assisted ECG staff with a video project in the Richmond area on which the foundation was working.

#### Richmond Regional Bicycle and Pedestrian Plan

- Staff continues to consult with regional partners to make additions and revise the interactive GIS story map data collected for the plan. The draft plan was prepared for review by the steering committee and delivered during our meeting on July 14. Comments were due by end of July and were incorporated into the July draft plan.
- Staff is in process meeting with individual localities about the draft plan with renewed efforts to bring the next draft before the steering committee in October starting with an update and schedule for completion to be presented to TAC October 12. A number of steering committee members have moved on to other positions requiring a reset for the committee.
- As part of the Bike/Ped plan, staff continues to develop and revise the regional plan story map. The map and data have been presented to the steering committee and staff will continue to revise.

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- Continued update of a SharePoint website and a Google Drive updated for committee members to share resources and their own observations of travel around the region on foot or bike.
  - An active public review process of BikePedRVA will begin in January 2022 with focus on equity and expanding the outreach from the ConnectRVA plan process which was conducted mostly in a virtual environment.
  - Staff continues to work with AvidCore consultants to produce the documents for the plan.
  - Staff held the 10<sup>th</sup> steering committee meeting for BikePedRVA 2045 on Feb. 2.
  - Public comment period opened on February 9 and closed on March 23. Staff continues to work with AvidCore consultants to produce the document for the draft plan and continued work on updates and corrections.
  - Staff has scheduled and completed multiple presentations of the draft plan with advocacy and community groups and with local government meetings.
  - Staff continues to consult with regional partners to make additions and revise the interactive GIS story map data collected for the draft plan.
  - The *BikePedRVA 2045* plan was adopted by the TPO Policy Board on May 5, 2022. With plan adoption, the web site was revised and reordered to create a central source of both document and related resources as a [BikePedRVA 2045 Information Hub](#) which includes:
    - BikePedRVA 2045 story map
    - Community Engagement Report story map
    - Interactive Map showing bikeways, sidewalks, proposed projects, transit infrastructure, barriers, demographics, crash data, and more
    - BikePedRVA 2045 PDF
    - Community Engagement Report PDF
  - The information hub is designed to keep related materials organized and accessible while providing shared navigation. It will be updated periodically with new data and resources. Staff is currently preparing to update the annual pedestrian and cyclist crash data.

#### Town of Ashland Pilot Project and Regional Guidance for Complete Streets

- Complete streets guidelines, or a “tool-box” of resources, depicted through graphic and photographic examples will to serve as implementation support for the regional bike/ped plan. These images are intended to show specific locations where good standards have been implemented and where infrastructure improvements could incorporate complete streets elements for better solutions throughout the region. The illustrated [story map](#) is available for review and continues to be updated in conjunction with the bike ped plan update.
- PlanRVA staff will work closely with partner agencies and localities on the Complete Streets toolbox or illustrated [story map](#) to update it as one resource intended to implement *BikePedRVA 2045*.

#### Fall Line (formerly Ashland to Petersburg Trail)

- The National Park Service (NPS) Rivers, Trails, and Conservation Assistance (RTCA) program continues to provide technical assistance for the Ashland Trolley Line Trail, or northern 14-mile portion of the Fall Line Trail.

- A virtual call with NPS staff on July 1 identified ways for this effort to plan to interpret the history of the trolley line and potentially combine that history with amenities along the trail.
- Staff representing the Trolley Line steering committee attending Friends of the Fall Line meeting on September 29
- The project coordinator (Ursula Lemanski) and historian (Mallory Zink) from the National Park Service (NPS) Rivers, Trails, and Conservation Assistance (RTCA) program visited Ashland/Hanover/Henrico on September 14-15 and staff has been working on follow-up meetings and planning coordination with NPS staff.
- The purpose of the visit was to meet with local planners and historians to conceptualize historic interpretation opportunities which can add an important dimension to the Trolley Line Trail and be considered as a template for the Fall Line Trail. Preliminary concepts will be provided in October with plans to reengage with the Trolley Line steering committee in December and early 2022
- Ms. Lemanski and Ms. Zink have been working on follow-up meetings and planning coordination with NPS staff. These efforts have led to the development of design mockups and phasing plans for potential historical markers and wayfinding.
- Staff presented an update on the Trolley Line Trail historic interpretation plan to the Friends of Fall Line group in early January.
- Staff visited portions of the potential Trolley Line Trail in Hanover with county staff on January 27.

#### Ashland Trolley Line Trail Study

- PlanRVA staff continues to work with the National Park Service and a local history team of experts from Ashland, Hanover, and Henrico counties on concepts that will depict the trolley line's former role (ca. 1907-1938) and community connections. Concepts include interpretative signage that can supplement three signs already installed in Ashland, audio stories via app tied to different segments of the trail as it developed, and way-finding signage or mapping that will take trail users to adjacent sites of community interest. Staff conducted a site visit on June 8 with NPS and local history team. Two story maps for the project illustrate the importance and potential for the 14-mile Trolley Line Trail, now a segment of the Fall Line, and includes an updated story map of the history of the trolley line and a design sketchbook.
- Staff participated in CVTA Fall Line meetings and continue to work with localities Town of Ashland Pilot Project and Regional Guidance for Complete Streets
- PlanRVA staff will work closely with partner agencies and localities on the Complete Streets toolbox or illustrated story map to update it as one resource intended to implement *BikePedRVA 2045*.

#### Walkable City Harvard University Graduate School of Design Executive Education Course

- PlanRVA staff attended a comprehensive two-day course on the most effective arguments, techniques, and tools for reshaping places in support of walking, biking, and transit. Focus was on economic, epidemiological, and environmental benefits involved making a sustained investment in walking, biking, and transit in different types of communities. This course included planning, engineering,

and government representatives and professionals from across the country and involved hands-on learning and groundwork including walk audits and a half-day mini-charrette centered on the redevelopment of a neighborhood of Somerville, Massachusetts.

### **Systems Resilience Plan**

7350	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Systems Resil. Plan	\$130,051	\$111,340	86%	23

- Continued Coordination with coastal program initiatives, and hazard mitigation plan effort, including data mapping and overlap in programs among the eastern counties in the MPO study area.
- Coordination through participation of the transportation work group for the RVA Green 2050 plan being prepared by the City of Richmond Office of Sustainability.
- Internal staff coordination of next steps for development of performance data and tracking of resilience metrics. Discussion included integration of scenario planning effort into program, best practices from peer agencies, and research on methodologies for operationalizing resilience such as GHG inventories and network redundancy.
- Worked with recruitment team to solicit, evaluate, and interview candidates for the Resilience Planner position

### **Performance Based Transportation Planning**

7410	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Perf. Based Transp. Planning.	\$192,149	\$101,877	53%	24

### **System Performance**

- Updated the dashboard to track various PlanRVA transportation related metrics and the changes in those metrics due to the COVID-19 pandemic. The dashboard is on the Transportation home page of the PlanRVA website. The interactive dashboard was created using Tableau.
- Attended the AMPO GIS & Data Visualization webinar. The webinar highlighted the use of the RITIS Probe Data Analytics Suite with NPMRDS to report on Federal Performance Measures.
- Attended an FHWA Along with feature updates to the NPMRDS the webinar included presentations from NYSDOT and FDOT on their use of the data.
- Attended the Eastern Transportation Coalition's virtual event on how other states are handling conflation issues when trying to match TMC to their highway data.

- Attended the FHWA/FTA Joint Certification Review for RRTPO to answer questions concerning the Congestion Management Process and Federal Performance Measures and the RRTPO participation in quarterly meetings with OIPI, VDOT and DRPT.
- Attended the OIPI-VDOT-DRPT-MPO Quarterly Coordination Meeting. Topics covered included VTrans update, project pipeline, TPM performance update, pavement tool demonstration, safety target setting with discussion on MPO involvement, DRPT updates, rail plan update, VDOT policy on Intersection Control Evaluation, and an update on the Biennial Report to FHWA on performance measures.
- Attended a Transportation Research Board webinar on research from NCHRP Synthesis Report: Use of Vehicle Probe and Cellular GPS Data by State Departments of Transportation
- Attended the quarterly RITIS User Group meeting hosted by The Eastern Transportation Coalition. The meeting included presentations on the Use of PDA Suite in Support of Transportation Planning for Maricopa Association of Governments, and RITIS Signal Analytics Tools: Recent Updates and Use Cases. Updates were also be given on the RITIS Enhancement Working Group and the PDA-Suite Performance Measures Working Group activities.

#### Federal Performance Measures:

- Reviewed the Safety Performance Measure Targets set by VDOT in August and used those targets to arrive at the number of fatalities, the rate of fatalities per 100 million vehicle miles traveled, the number of serious injuries, the rate of serious injuries per 100 million vehicle miles traveled and the number of non-motorized fatalities and serious injuries. These numbers were submitted to VDOT.
- Attended a FHWA NPMRDS webinar
- *CMP:*
  - Attended a CTPP Software interactive training.
  - Attended a Complete Streets webinar.
- Attended a FHWA peer to peer exchange on Performance Measures and Target setting.
- Attended the Quarterly Coordination and Annual Planning and Programming Meeting

#### CMP:

- Attended the TET Ritis User Group Meeting. Presentations on analyzing congestion impacts on corridors, using RITIS for safety purposes and PDA suite of tools update.

#### **Transportation Improvement Program (TIP)**

7420	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
TIP	\$322,037	\$302,324	94%	25



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## Maintenance

- Based on the VDOT request and TPO approval, CMAQ fund transfers have been conducted as follows:
  - Transferred \$134,568 FY06 CMAQ funds from the Balance Entry (#70719) to the Henrico County Brook Rd and Hilliard Rd trail project (#118153); and \$21,776 FY16 CMAQ funds from the regionwide project (#101492) to the Henrico County Brook Rd and Hilliard Rd trail project (#118153).
  - Transferred \$21,750 FY05 CMAQ funds and \$303,551 FY07 CMAQ funds from the Balance Entry (#70719) to the Henrico County Brook Rd and Hilliard Rd trail project (#118153).
  - Transferred \$28,717 FY05 CMAQ funds from the Balance Entry (#70719) to the Chesterfield Rt 360 intersection improvements at Spring Run Rd project (#104886).
- The CMAQ tracking sheets were updated with these transfers and placed on the PlanRVA web site on 7/15/21.
- Based on a VDOT TIP amendment request, TIP amendment documents prepared for the following two projects:
  - UPC 118144: Rt 360 Superstreets Study from Winterpock Rd to Harbor Point Pkwy/Mockingbird Ln project—Chesterfield County
  - UPC 118145: Rt 60 Corridor Improvement Study between Winterfield Rd/LeGordon Dr and Old Buckingham/Woolridge Rd project — Chesterfield County
- The amendment documents for these projects were included in the June 8, 2021 TAC meeting agenda package. Based on TAC discussion and recommendation to TPO, these amendment documents were included in the July 1, 2021 TPO meeting agenda package. Based on TPO approval on 7/1/21, the amendment documents were submitted to VDOT on 7/2/21. The updated TIP was placed on PlanRVA web site.
- Received a TIP amendment request from GRTC on 6/22/21. After receiving concurrence from DRPT and recommendation for approval from TAC, the TIP amendment documents have been prepared and included in the August 5 policy board meeting agenda package for the following project:
  - UPC GRTC069: Shop Equipment Shed – GRTC
- Received a TIP adjustment request from GRTC on 6/30/21 and concurrence from DRPT on 7/2/21, the TIP adjustment documents prepared for the following project:
  - UPC GRTC067: Consultant Services—ENG & DESIGN – GRTC
  - The TIP adjustment documents were submitted to GRTC and DRPT on 7/8/21.
  - The updated TIP with this adjustment was placed on PlanRVA web site on 7/8/21.
- Developed a proposed allocations plan for the Highway Infrastructure Program (HIP) funds appropriated in the Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSAA). The proposed allocations and adjustments to the STBG and CMAQ allocations plans are included in the August 10 TAC agenda for review and recommendation to the policy board.

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- Based on TPO approval on the GRTC Shop Equipment Shed project (GRTC069) at the 8/5/21 TPO meeting, TIP amendment documents were prepared and submitted the following project to GRTC and DRPT on 8/6/21:
  - UPC GRTC069: GRTC Shop Equipment Shed project – GRTC
  - The updated TIP with this amendment was placed on the PlanRVA web site on 8/6/21.
  - Developed a proposed allocations plan for the Highway Infrastructure Program (HIP) funds appropriated in the Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSAA). The proposed allocations and adjustments to the STBG and CMAQ allocations plans are included in the August 10 TAC agenda for review and recommendation to the policy board.
  - Based on TAC discussion and recommendation to the TPO at the 8/10/21 TAC meeting. STBG and CMAQ funds allocation documents for the following projects have been prepared and included in the 9/2/21 TPO agenda package for their approval:
    - Allocating \$150,000 FY23 STBG funds to the Early Settlers Road sidewalk between Robious Road and Hospital/Park project (UPC 113846)—Chesterfield County
    - Allocating \$1,638,526 FY23 STBG funds and \$231,471 FY24 STBG funds to the Route 360 widening between 0.61 MW Route 643 (Lee Davis Rd) and 0.18 ME Route 643 project (UPC 13551)—Hanover County
    - Allocating \$638,725 FY23 STBG funds and \$2,271,787 FY24 STBG funds to the Route 1 improvements between Ashcake Road and Arbor Oak Drive project (UPC 112042) – Town of Ashland)
    - Allocating \$2,711,897 HIP funds to the Brook Road/Hilliard Road trail between Belmont Recreation Center and Lakeside Avenue/Brook Road intersection project (UPC 118153)—Henrico County
  - Based on TAC discussion and recommendation to the TPO at 8/10/21 TAC meeting, STBG fund transfer documents have been prepared and included in the 9/2/21 TPO meeting agenda package for their approval. The details of the transfers are as follows:
    - Transferring \$150,000 FY23 STBG funds from the Early Settlers Road sidewalk project (UPC 113846) in Chesterfield County to the RRTPO Balance Entry funds (UPC 70721).
    - Transferring \$1,638,526 FY23 STBG funds and \$231,471 FY24 STBG funds from the Route 360 widening between 0.61 MW Route 643 (Lee Davis Rd) and 0.18 ME Route 643 project (UPC 13551) in Hanover County to the RRTPO Balance Entry funds (UPC 70721).
    - Transferring \$638,725 FY23 STBG funds and \$2,271,787 FY24 STBG funds from the Route 1 improvements between 0.056 MN Ashcake Road and 0.01 MS Arbor Oak Drive project (UPC 112042) in Town of Ashland to the RRTPO Balance Entry funds (UPC 70721).
  - Received a TIP amendment request from VDOT for the following project on 8/17/21:
    - UPC 118147: Route 288 (West Creek Area) IJR from West Broad Street Road to Tuckahoe Creek Parkway (UPC 118147) – Goochland County

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- After receiving Goochland staff's concurrence on 8/23/21, the TIP amendment documents for this project (#118147) have been prepared and will be included in the September 14, 2021 TAC meeting agenda package.
  - Received a TIP adjustment request from GRTC for the following project on 8/23/21:
    - UPC GRTC062: BRT Park & Ride -- GRTC
  - After receiving DRPT staff's concurrence, TIP adjustment documents were prepared and submitted to GRTC and DRPT on 8/26/21. The updated TIP with this adjustment has been placed on the PlanRVA web site.
  - Based on TAC discussion and recommendation to the TPO at the 9/14/21 TAC meeting, the TIP amendment documents were prepared and included in the 10/4/21 TPO meeting agenda package for their approval. The amendment details are as follows:
    - UPC 118147: Route 288 (West Creek Area) IJR from West Broad Street Road to Tuckahoe Creek Parkway – Goochland County
  - Received a TIP adjustment request from GRTC for two GRTC projects on 9/9/21. Based on the GRTC request and DRPT concurrence, the TIP adjustment documents were prepared and submitted to GRTC and DRPT for the following projects on 9/17/21:
    - UPC GRTC067: Planning Consulting Services — GRTC
    - UPC GRTC069: Acquire Storage Facility — GRTC
  - The current TPO TIP was updated with these adjustments and placed on the TPO web site on 9/17/21.
  - Based on the TPO approval on HIP (Highway Infrastructure Program) STBG and CMAQ funds and VDOT STBG and CMAQ funds transfer requests (9/15/21), the TPO funds tracking sheets have been updated as follows:
    - Transfer \$2,910,512 FY22 STBG funds (100%) from the TPO STBG Balance Entry (70721) to the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042).
    - Transfer \$638,725 FY23 STBG funds from the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$2,271,787 FY24 STBG funds from the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$150,000 FY22 STBG funds from the TPO RSBG Balance Entry (#70721) to the Chesterfield Early Settlers Road sidewalk between Robious Road and Hospital/Huguenot Park project (UPC 113846).
    - Transfer \$150,000 FY23 STBG funds from the Chesterfield Early Settlers Road sidewalk between Robious Road and Hospital/Huguenot Park project (UPC 113846) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$853,793 FY22 RSBG funds (100%) from the TPO RSBG Balance Entry (#70721) to the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551).
    - Transfer \$1,016,204 FY22 RSBG funds from the TPO RSBG Balance Entry (#70721) to the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551).

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- Transfer \$1,638,526 FY23 RSBG funds from the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551) to the TPO RSBG Balance Entry (#70721).
  - Transfer \$231,471 FY24 RSBG funds from the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551) to the TPO RSBG Balance Entry (#70721).
  - Transfer \$2,711,897 FY22 RSBG funds from the TPO RSBG Balance Entry (#70721) to the Henrico Brook Rd/Hilliard Rd trail between Brook Rd and Hilliard Rd project (#118153).
  - Transfer \$711,991 FY26 CMAQ funds from the Henrico Brook Rd/Hilliard Rd trail between Brook Rd and Hilliard Rd project (#118153) to the TPO CMAQ Balance Entry (#70719).
  - Based on the TPO approval and VDOT requests, the TPO funds tracking sheets have been updated for the PlanRVA web site.
  - Received a CMAQ funds transfer request from VDOT on 9/23/21. The transfer details are as follows:
    - Transfer \$1,820,487 (FY08 \$133, FY16 \$800,000, and FY17 \$886,976) CMAQ funds from the Richmond Main Street Station Preventative Maintenance project (#64219) to the RRTPO CMAQ Balance Entry (#70719).
  - Based on the VDOT request, the TPO CMAQ funds tracking sheets have been updated for the PlanRVA web site
  - Based on TAC discussion and recommendation to the TPO at the 9/14/21 TAC meeting, the TIP amendment documents were prepared and included in the 10/4/21 TPO meeting agenda package for their approval. The amendment details are as follows:
    - UPC 118147: Route 288 (West Creek Area) IJR from West Broad Street Road to Tuckahoe Creek Parkway – Goochland County
    - Based on TPO approval on 10/4/21, amendment documents were prepared and submitted to VDOT 10/5/21.
  - Based on the TPO approval on HIP (Highway Infrastructure Program), STBG and CMAQ funds and VDOT funds transfer requests (9/15/21), the TPO funds tracking sheets were updated on 10/26/21 as follows:
    - Transfer \$2,910,512 FY22 HIP funds (Fed 100%) from the TPO Balance Entry (70721) to the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042).
    - Transfer \$638,725 FY23 STBG funds from the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$2,271,787 FY24 STBG funds from the Ashland Rt 1 improvement between Ashcake Rd and Arbor Oak Dr project (#112042) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$150,000 FY22 HIP funds from the TPO Balance Entry (#70721) to the Chesterfield Early Settlers Road sidewalk between Robious Road and Hospital/Huguenot Park project (UPC 113846).
    - Transfer \$150,000 FY23 STBG funds from the Chesterfield Early Settlers Road sidewalk between Robious Road and Hospital/Huguenot Park project (UPC 113846) to the TPO RSBG Balance Entry (#70721).

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- Transfer \$853,793 FY22 HIP funds (Fed 100%) from the TPO Balance Entry (#70721) to the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551).
  - Transfer \$1,016,204 FY22 HIP funds from the TPO Balance Entry (#70721) to the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551).
  - Transfer \$1,638,526 FY23 RSBG funds from the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551) to the TPO RSBG Balance Entry (#70721).
  - Transfer \$231,471 FY24 RSBG funds from the Hanover Rt 360 widening between 0.61 MW Rt 643 and 0.18 ME Rt 643 project (#13551) to the TPO RSBG Balance Entry (#70721).
  - Transfer \$2,711,897 FY22 HIP funds (Fed 100%) from the TPO Balance Entry (#70721) to the Henrico Brook Rd/Hilliard Rd trail between Brook Rd and Hilliard Rd project (#118153).
  - Transfer \$711,991 FY26 CMAQ funds from the Henrico Brook Rd/Hilliard Rd trail between Brook Rd and Hilliard Rd project (#118153) to the TPO CMAQ Balance Entry (#70719).
  - The Updated TPO funds tracking sheets have been placed on the PlanRVA web site.
  - Received a CMAQ funds transfer request from VDOT on 9/23/21. The transfer details are as follows:
    - Transfer \$1,820,487 (FY08 \$133,511 State match, FY16 \$800,000 CMAQ funds, and FY17 \$886,976 CMAQ funds) from the Richmond Main Street Station Preventative Maintenance closeout project (#64219) to the RRTPO CMAQ Balance Entry (#70719).
    - The TPO CMAQ funds tracking sheets were updated and placed on the PlanRVA web site on 10/26/21.
  - Received a RSBG funds transfer request from VDOT on 9/30/21, the TPO RSBG fund tracking sheets were updated on 10/26/21 as follows:
    - Transfer \$69 FY16 RSBG funds from the Chesterfield Rt 360 widening between Winterpock Road and Woodlake Village Parkway project (#97687) to the TPO RSBG Balance Entry (#70721).
    - Transfer \$90 FY17 RSBG funds from the RMT intermodal transfer improvement closeout project (#109266) to the TPO RSBG Balance Entry (#70721).
  - Received a draft FY21 annual funds obligation report for highway projects from VDOT on 10/22/21. The report is under review. The TPO staff expects to receive the obligation report for transit projects from DRPT soon. The final documents on the obligation report should be on the PlanRVA web site before 12/31/21.
  - Received a STBG fund transfer requests from VDOT on 10/27/21 and 11/4/21 as follows:
    - Transfer \$400,000 STBG funds from the Charles City Capital Trail Spur closeout project (#106296) to the TPO STBG Balance Entry (#70721).
    - The updated tracking sheets with these transfers have been placed on the PlanRVA web site on 11/18/21.
  - Received the FY21 annual obligation report (AOR) for transit projects from DRPT on 11/9/21. The FY21 annual funds obligation report for highway projects from VDOT

on 11/18/21. The reports show the project categories and number of projects as follows:

- Highway Category:
  - Ungrouping Projects
    - Interstate—Five projects
    - Primary—Nine projects
    - Urban—Three projects
    - Secondary—Eight projects
    - Miscellaneous—Six projects
    - Enhancement—Five projects
  - Grouping—99 projects
- Transit Category: 23 projects
- The reports have been reviewed. The final AOR documents have been prepared and was placed on the PlanRVA web site in December.
- Received a TIP adjustment request from GRTC on 11/3/21 for the following projects:
  - UPC GRTC031: Security/Surveillance equipment – GRTC
  - UPC GRTC034: Acquire Computer Software -- GRTC
  - UPC GRTC067: Planning Consulting Services --GRTC
- Based on GRTC request and DRPT concurrence, TIP adjustment documents were prepared and submitted to GRTC and DRPT on 11/10/21.
- Received a STBG funds transfer request from VDOT on 10/27/21 as follows:
- Prepared a PDF file on updated tracking sheets and were placed on the PlanRVA web site. on 11/18/21.
- Received a fund transfer request from VDOT on 11/18/21 as follows:
- Shift \$54,341 FY13 STBG funds from the New Kent I-64/Exit 205 interchange modification study closeout project (#107460) to the TPO STBG Balance Entry funds (#70721). The updated tracking sheets were placed on the PlanRVA website.
- Participated in presentations on FY22 – FY27 local submitted STBG and CMAQ projects with TPO staff and local staffs as follows:
  - 11/8/21---Town of Ashland three projects
  - 11/10 and 11/19/21---Richmond 10 projects
  - 11/16/21---Goochland one project
  - 11/16/21---Chesterfield 10 projects
  - 11/18/21.---Hanover County two projects
- Received a CMAQ fund transfer request from VDOT on 12/2/21: as follows:
  - Shift \$1,170,000 (FY03 561,000 and FY04 \$609,000) CMAQ funds from the Richmond Main Street Station operating funds closeout project (66857) to the RRTPO CMAQ Balance Entry account (#70721).
  - Prepared the transfer documents and placed the updated tracking sheets on the PlanRVA web site on 12/22/21.
- After reviewing the reports, final AOR documents were prepared and placed on
- Received a FY23 FTA Section 5310 grant application request memos as follows:
- Chesterfield Department Mental Health Support Services request - \$130,000--- Capital funds
- Hanover County DASH request - \$750,000---Operating funds
- Senior Connections request

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- Total \$305,590: Capital and operating funds
    - \$234,290 ---Operating cost (50% federal, 40% state and 10% local)
    - \$71,300 ---Mobility management cost (80% federal, 16% state and 4% local)
  - Social service agencies/applicants should submit their application memo to RRTPO before 12/31/21. The RRTPO staff will prepare all necessary documents and submit to DRPT by 2/1/22. The RRTPO will endorse these potential projects in February or March 2022.
  - Participated in FY22 – FY27 STBG and CMAQ projects scoring staff team meetings on 12/6, 12/12, and 12/20/21.
  - Reviewed FY22 – FY27 STBG and CMAQ projects submitted by local jurisdictions and local agencies.
  - Based on TPO approval on 1/6/22, STBG funds were shifted from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvements project (#15958) as follows:
    - \$926,898 previous STBG funds
    - \$1,309,898 FY23 STBG funds
    - \$1,016,718 FY24 STBG funds
  - Based on these shifts, the TPO tracking sheets have been updated.
  - Received a STBG fund transfer request from VDOT on 1/11/22 as follows:
    - \$1,034 STBG funds from the Charles City Rout 609 (Barnetts Rd) reconstruction between Route 603 and Route 602 closeout project (#85337) to the TPO STBG Balance Entry Account (#70721).
  - The updated tracking sheets were placed on the PlanRVA web site on 1/24/22.
  - Received six FY23 FTA Section 5310 grant application requests to include their potential projects in the FY21 – FY24 TPO TIP as follows:
    - Chesterfield Citizen Information and Resources request - \$553,600 - Operating funds
    - Chesterfield Department Mental Health Support Services request - \$130,000 – Capital funds
    - Goochland Cares Free Clinic and Family Services - \$65,000 – Capital funds
    - GRTC request - \$150,000 – Operating funds
    - Hanover County Dash request - \$750,000 – Operating funds
    - Senior Connections request - Total \$305,590: Capital funds and operating funds
      - \$234,290 – Operating cost (50% federal, 40% state and 10% local)
      - \$71,300 – Mobility management cost (80% federal, 16% state and 4% local)
  - The RRTPO staff prepared all necessary documents on applications and their projects, and staff comments, and submitted to the following organizations as follows:
    - DRPT
    - TAC and CTAC members and alternates
    - Local grant applicants
    - After submitting the documents to DRPT, the TPO staff received suggestions from DRPT placing the selected FTA Section 5310 grant funds under FY22 in the RRTPO FY21 – FY24 TIP. The RRTPO will endorse these potential projects on March 3, 2022.
  - Reviewed FY23 – FY28 STBG and CMAQ potential projects locals submitted and participated in projects scoring team meeting on 1/10/22.

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- Reviewed draft FY23/FY24 Transportation Alternative Set-Aside (TA) projects submitted by VDOT on 1/19/22 as follows:
    - Chesterfield County – Five projects
    - Hanover County – One project
    - Henrico County – Four projects
    - City of Richmond – 12 projects
      - Total 22 projects.
  - On 2/2/22, STBG funds transfer tracking sheets were Placed on the TPO web site for the following projects and shifts:
    - Shifted \$18,746 FY03 STBG funds from the Hanover Rt 739 improve surface crossing at railroad closeout project (#67901) to the TPO STBG Balance Entry Account (#70721).
    - Shifted \$19,189 FY04 STBG funds from the Rt 604 PNR at I-64 Exit 214 closeout project (#81762) to the TPO STBG Balance Entry Account (#70721).
    - Shifted \$209,964 FY04 STBG funds from the Richmond N Blvd median improvements closeout project (#16575) to the TPO STBG Balance Entry Account (#70721).
    - Shifted \$276,975 FY03 STBG funds from the Richmond Broad St bus lanes closeout project (#60964) to the TPO STBG Balance Entry Account (#70721).
    - Shifted \$1,026 FY00 STBG funds from the Richmond GISITS closeout project (#64220) to the TPO STBG Balance Entry Account (#70721).
    - Shift \$86,828 FY04 STBG funds from the VDOT records (#64697) to the TPO STBG Balance Entry Account (#70721).
  - Based on TPO approval, reviewing and transferring TPO STBG Balance Entry Account (#70721) funds (\$3,253,118 = Previous \$926,502 + FY23 \$1,309,898 + FY24 \$1,016,718) to the Richmond Commerce Road improvement project (#15958) as follows:
    - Shifted \$86,828 FY04 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$19,189 FY04 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$18,746 FY03 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$1,026 FY00 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$34,277 FY03 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$1,000 FY05 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$209,964 FY04 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$276,975 FY01 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$1,034 FY09 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$3,913 FY11 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).



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- Shifted \$71 FY08 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$214,363 FY10 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$54,341 FY13 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$4,613 FY15 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$69 FY16 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$93 FY17 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$1,309,898 FY23 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$1,016,718 FY24 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Based on TAC approval on 2/8/22, \$88,857 STBG funds were shifted from the TPO Balance Entry Account (#70721) to the Charles City Rt 155 shared-use path project (#97688).
  - Received a FY23 FTA Section 5310 grant application request on 1/25/22 from GRTC to include its potential project in the TPO FY21 – FY24 TIP. This request was included in the 2/8/22 TAC meeting agenda package as follows:
    - GRTC, \$150,000 to maintain the program which will include a certified travel training instructor along with the materials and training expenses required for the program.
    - GRTC submitted their request to the RRTPO late. The FTA Section 5310 grant applicants should submit the request before 12/31/21. All other five FY23 FTA Section 5310 grant application requests locals submitted were included in the 2/8/22 TAC meeting agenda package.
  - Placed the updated tracking sheets with STBG fund (\$88,857) transfers from the TPO Balance Entry Account (#70721) to the Charles City Rt 155 shared-use path project (#97688) on the PlanRVA web site on 3/14/22.
  - On 3/14/22, completed STBG transfers from TPO STBG Balance Entry Account (#70721) funds (\$3,253,118 = Previous \$926,502 + FY23 \$1,309,898 + FY24 \$1,016,718) to the Richmond Commerce Road improvement project (#15958) and placed transfer tracking sheets on the PlanRVA web site as follows:
    - Shifted \$315,981 (\$86,828 + \$19,189 + \$209,964) FY04 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$53,023 (\$18,746 + \$34,277) FY03 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$1,026 FY00 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
    - Shifted \$1,000 FY05 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).

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- Shifted \$276,975 FY01 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$1,034 FY09 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$3,913 FY11 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$71 FY08 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$214,363 FY10 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$54,341 FY13 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$4,613 FY15 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$69 FY16 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$93 FY17 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$1,309,898 FY23 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Shifted \$1,016,718 FY24 STBG funds from the TPO STBG Balance Entry Account (#70721) to the Richmond Commerce Road improvement project (#15958).
  - Received a TIP adjustment request from VDOT on 3/23/22 for the following project:
    - UPC 113832: Richmond Marine Terminal (RMT) gate improvements & new drop-off lot---Port of Richmond.
    - After receiving concurrence from RMT, TIP adjustment documents were prepared and submitted to VDOT on 3/28/22.
  - Received two TIP adjustment requests from VDOT on 3/24 and 3/28/22 for the following projects:
    - UPC 103393: Ashland Trolley Line Trail—Town of Ashland
    - UPC 104889: Route 10 Widening from Whitepine Road to Frith Lane---Chesterfield County
    - UPC 13551: Route 360 Widening from 0.61 mile west of Route 643 (Lee Davis Rd) to 0.19 mile east of Route 643---Hanover County
    - UPC 97565: I-64 Replace Bridge over Route 156---Henrico County
    - UPC 93087: Route 195 Bridge Repair over Route 76---City of Richmond
    - UPC 109988: Route 715 (Beaver Dam Rd) Bridge only over Newfound River---Hanover County
    - After receiving local concurrences, TIP adjustments will be conducted.
  - Received a TIP amendment request from VDOT for the following project on 3/31/22. After receiving concurrence from a Richmond staff, TIP amendment documents will be prepared for TAC discussion and recommendation to TPO.
    - UPC 118148: Richmond Signal System-Phase IV --- City of Richmond.
  - Inserting TPO approved FY23 – FY28 STBG and CMAQ allocations into TPO tracking sheets as follows:
  - STBG
    - a). Allocations: All 21 existing projects-
    - b). Fund allocation by year
      - FY23; \$20,246,095 (actual)

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- FY24; \$20,783,469 (projected)
  - FY25; \$21,199,138 (projected)
  - FY26; \$19,220,552 (projected)
  - FY27; \$17,154,343 (projected)
  - FY28; \$14,997,797 (projected)
  - CMAQ
    - a). Allocations: All 15 projects (11 existing projects and four new projects)
    - b). Fund allocation by year
      - FY23; \$7,362,755 (actual)
      - FY24; \$7,510,009 (projected)
      - FY25; \$7,660,210 (projected)
      - FY26; \$6,925,257 (projected)
      - FY27; \$6,198,642 (projected)
      - FY28; \$5,419,384 (projected)
  - Received a TIP amendment request from VDOT for the following project on 3/31/22. After receiving concurrence from a Richmond staff, TIP amendment documents were prepared for TAC discussion and recommendation to TPO at the 5/10/22 TAC meeting as follows:
    - UPC 118148: Richmond Signal System-Phase IV --- City of Richmond.
  - Received revised TIP adjustment request from DRPT on 4/20/22 as follows:
    - UPC GRTC060: Mobility management---GRTC
    - UPC CAA0001: Operating assistance---DRPT
    - UPC CAA0002; Mobility management---DRPT
    - UPC CHS0001; Paratransit vehicles---DRPT
    - UPC CHS0002; Mobility management---DRPT
    - UPC CHS0003; Operating assistance---DRPT
    - UPC HCS0001: Operating assistance---DRPT
  - The adjustment documents for seven projects were prepared and submitted to DRPT on 4/27/22. The updated TIP was placed on PlanRVA web site on 4/27/2.
  - Received a request for two TIP amendment projects from DRPT on 4/27/22 as follows:
    - UPC CHS0004; Capital cost of contracting---DRPT (Amendment)
    - UPC HCS0002; Capital cost of contracting---DRPT (Amendment)
  - The amendment documents were prepared and included in the May 10, 2022 TAC meeting agenda package on 4/28/22.
  - Received revised adjustment requests from DRPT on 4/27 and 4/29/22 as follows:
    - UPC CHS0002; Mobility maintenance---DRPT (Adjustment)
    - UPC HCS0001, Operating assistance---DRPT (Adjustment)
  - The adjustment documents will be prepared and submitted to DRPT at the beginning of May 2022.
    - After receiving revised adjustment requests from DRPT, the adjustment documents were prepared and submitted to DRPT on 5/4/22 for the following projects.:
      - UPC CHS0002; Mobility maintenance---DRPT (Adjustment)
      - UPC HCS0001, Operating assistance---DRPT (Adjustment)
    - The updated FY21 – FY24 TIP with these adjustments was placed on PlanRVA web site on 5/4/22.

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- Prepared Emissions Reduction Analysis (ERA) documents for the following FY23 – FY28 new CMAQ projects and submitted them to VDOT and FHWA on 5/6/22::
  - UPC-New, Lewis Road left turn lane at Route 10 --- Chesterfield County
  - UPC-New, Woodlake Village Parkway triple lefts at Route 360 --- Chesterfield County
  - UPC-New, Creighton Road/Creighton Parkway & Walnut Grove Road roundabout --- Hanover County
  - UPC-New, Richmond signal system retiming improvements --- City of Richmond
  - Based on the TPO endorsement at the 5/5/22 TPO meeting for the six following FTA Section 5310 grant projects, prepared the endorsement documents and submitted them to DRPT 5/14/22:
    - GRTC - Mobility management
    - Senior Connections – Operating assistance and mobility management
    - Chesterfield Community Services Board – Capital assistance
    - Chesterfield County Citizen Information & Resources – Mobility management & operating assistance
    - Hanover County – Mobility management & operating assistance
    - Goochland Cares – Capital assistance
  - Based on a VDOT TIP amendment request, the TIP amendment documents for the following project were included in the 5/10/22 TAC meeting agenda package for discussion and recommendation to TPO for their approval:
    - UPC 118148: Richmond Signal System-Phase IV --- City of Richmond.
  - Received a TIP amendment request from DRPT on 4/27/22 for two transit projects and prepared the TIP amendment documents. The documents for the following projects were included in the 5/10/22 TAC meeting agenda package for discussion and recommendation to TPO for their approval:
    - UPC CHS0004; Capital cost of contracting---DRPT (Amendment)
    - UPC HCS0002; Capital cost of contracting---DRPT (Amendment)
  - Completed inserting TPO approved FY23 – FY28 STBG and CMAQ fund allocations into TPO tracking sheets as follows:
    - STBG allocations: 21 projects allocated
    - CMAQ allocations: 16 projects allocated
  - Received a SRBG fund transfer request from VDOT from the regionwide traffic improvement project (#101492) and STBG Balance Entry Accounts (#70721) to the following project on 5/31/22:
    - Shift \$143,304 FY09 STBG Balance Entry funds from the regionwide traffic improvement project (#101492) to the Henrico County Three Chopt Road widening between Cox Road and Gaskins Road project (#50529)
    - Shift FY11 \$87,823 FY18 \$16,201, and FY22 \$1,135,193 STBG Balance Entry funds from the Balance Entry Accounts (#70721) to the Henrico County Three Chopt widening between Cox Road and Gaskins Road project (#50529)
    - Shift FY22 \$64,985 STBG Balance Entry funds from the STBG Balance Entry Accounts to the Charles City Rt 155 VA Capital Trail between Route 5 and Lott Cary Road project (#976880)

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- Shift \$1,000,000 FY22 STBG Balance Entry funds from the Balance Entry Accounts (#70721) to the Chesterfield County Route 10 widening between Bermuda Triangle Road and Meadowville Road project (#101020).
  - Based on TAC review and recommendation to RRTPO, the TIP amendment documents for the following project were included in the 7/7/22 TPO meeting agenda package for their approval at the 7/7/22 TPO meeting:
    - UPC 118148: Richmond Signal System-Phase IV --- City of Richmond.
  - After TPO approval, the TIP amendment documents will be prepared and submitted to VDOT. The updated TIP with this amendment will be placed on the PlanRVA web site at the beginning of July.
  - Based on TAC discussion and recommendation to TPO, the following transit projects have been included in the July 7, 2022 TPO meeting agenda package for their approval:
    - UPC CHS0004; Capital cost of contracting---DRPT (Amendment)
    - UPC HCS0002; Capital cost of contracting---DRPT (Amendment)
    - The amendment documents will be prepared and submitted to DRPT. The updated TIP will be placed on the PlanRVA web site at the beginning of July.
  - Received STBG Balance Entry fund transfer request from VDOT for six cases on 6/6/22 as follows:
    - Transfer \$143,304 FY09 STBG Balance Entry funds from the regionwide traffic improvement project (#101492) to the Henrico County Three Chopt Road widening between Cox Road and Gaskins Road project (#50529)
    - Transfer \$87,823 FY11 STBG Balance Entry funds from the TPO STBG Balance Entry Accounts (#70721) to the Henrico County Three Chopt Road widening between Cox Road and Gaskins Road project (#50529)
    - Transfer \$16,201 FY18 STBG Balance Entry funds from the TPO STBG Balance Entry Accounts (#70721) to the Henrico County Three Chopt Road widening between Cox Road and Gaskins Road (#50529)
    - Transfer \$1,135,193 FY22 STBG Balance Entry funds from the TPO STBG Balance Entry Accounts (#70721) to the Henrico County Three Chopt Road widening between Cox Road and Gaskins Road project (#50529)
    - Transfer \$64,985 FY22 STBG Balance Entry funds from the TPO STBG Balance Entry Accounts (#70721) to the Charles City County Route 155 Virginia Capital Trail Extension project (#97688).
    - Transfer \$1,000,000 FY22 STBG Balance Entry funds from the TPO STBG Balance Entry Accounts (#70721) to the Chesterfield County Route 10 widening between Bermuda Triangle Road and Meadowville Road project (#101020)

A PDF file of transfer documents was prepared and placed on the PlanRVA web site on 6/27/22.

- Received a TIP adjustment request from VDOT on 6/8/22 for three grouping fund summary tables as follows:
  - Grouping—Maintenance: Preventive Maintenance and System Preservation
  - Grouping—Maintenance: Preventive Maintenance for Bridges
  - Grouping—Maintenance: Traffic and Safety Operations

- The TIP adjustment documentations were prepared and submitted to VDOT on 6/22/22. A PDF file of the TIP adjustment documents were prepared and placed on the PlanRVA web site on 6/27/22.

### **Rail, Freight, Intermodal Planning**

7430	BUDGET	Total Funds Expended	% Total Funds Expended	UPWP Page
Rail, Freight, Interim. Planning.	\$47,183	\$50,265	107%	26

#### Staples Mill Road Station Advance Planning and Design Study Working Group

- DRPT and their consultant are in the final stage of completing 30% design documents for the replacement of the Staples Mill Amtrak Station.
- Staples Mill Road Station Area Transit-Oriented Development Concept Plan recommended a corridor working group be formed that consists of Henrico, VDOT, DRPT, and PlanRVA to guide the VDOT sub-area plan and more detailed traffic studies of Staples Mill Road to improve both multimodal access to the station and usher in a more supportive land use pattern within the corridor.
- A working group was formed by VDOT for the next stage of the sub-area plan.

#### Other

- Staff coordinated with OIPI on designations for critical urban freight corridors (CUFC) in the region.
- Staff presented CUFC designation to TAC and Policy Board for approval

#### RRTPO Freight Planning Program

- Outreach to the Office of Intermodal Planning and Investment (OIPI), Port of Virginia (POV) and Hampton Roads TPO to know the requirements of freight planning at the MPO level and the best practices to implement.
- Reviewed various proprietary data like Replica and Transearch to explore freight-related data.
- Worked to develop a detailed scope of work for Freight Planning Program in the MPO and related multi-year tasks and deliverables.
- Worked to develop a scope of work to revamp the freight planning program.
- Reviewed existing freight planning literature.
- Completed two online courses related to freight planning provided by the National Highway Institute (NHI). Courses included 'Integrating Freight in the Transportation Planning Process' and 'Getting Started on Effective TPM for Freight'.

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

- Staff continued to serve on the steering committee for this project in its current phase

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- Staff participated in the Staples Mill Road Small Area Plan-Alternatives Public Meeting on June 30 and circulated the MetroQuest survey on proposed safety and operational improvements to 11 intersections for both vehicular and cyclists/pedestrians.