TRANSPORTATION IMPROVEMENT PROGRAM

FY21 – FY24

Richmond Regional Transportation Planning Organization

SUPPORTED BY PlanRVA THE REGIONAL COMMISSION

ACKNOWLEDGEMENT

Prepared by Richmond Regional Planning District Commission (RRPDC) staff in cooperation with the United States Department of Transportation (USDOT), Federal Highway Administration (FHWA), Virginia Department of Transportation (VDOT), and the Virginia Department of Rail and Public Transportation (DRPT), and the Richmond Regional Transportation Planning Organization (RRTPO) member jurisdictions and agencies.

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INTRODUCTION

INTRODUCTION

The inclusion of a project in the RRTPO Transportation Improvement Program (TIP) is a substantial marker in completing the planned improvement. If a project is not included in the TIP, it cannot receive federal funds.

Section One of the document outlines the core tenants of the TIP, specifically the "what?" "who?" "when?" "where?" "why?" and "how?" of the RRTPO FY21 – FY24 TIP. Section Two of the document will detail all the projects included in the TIP; and Section Three serves as an appendix for more information.

WHAT IS PLANRVA?

PlanRVA, formerly the Richmond Regional Planning District Commission (RRPDC), was formed by local governments on August 14, 1969 under the authority of the Virginia Area Development Act, which was revised and retitled the Regional Cooperation Act in 1995. PlanRVA is made up of elected officials and citizens who address mutual problems and develop solutions for the local governments which benefit from intergovernmental cooperation.

The PlanRVA mission statement is "to strengthen the quality of life throughout the Richmond region by serving as a regional forum of member local governments to address issues of regional significance, providing technical assistance to localities, and promoting and enhancing the collective consensus on the economic, transportation, social, environmental, and demographic interests of the region." PlanRVA serves nine member jurisdictions; the Counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan; the City of Richmond; and the Town of Ashland. The PlanRVA service area is approximately 2,200 square miles covering an estimated membership population of 1,091,680.

PlanRVA is governed by a 33-member Commission, who on an annual basis approves a work program focused on achieving five major objectives that correspond to the PlanRVA mission statement:

- Identify issues and opportunities of an interjurisdictional nature
- Establish plans and policies for addressing those regional issues
- Identify ways and means for state and local governments and the private sector to implement programs
- Help promote cooperation among state and local governments
- Provide technical assistance and information services to its member jurisdictions

Approximately 22 professional and support staff with backgrounds in environmental planning, transportation planning, statistical and data management, technology and mapping, and other areas aid the Commission.

WHAT IS THE RRTPO?

The Richmond Regional Transportation Planning Organization was designated in 1974, and like PlanRVA is comprised of elected officials and citizens. The RRTPO Executive Committee and Policy Board are

restricted to elected officials, while citizens and jurisdictional staff serve on two subcommittees; the Technical Advisory Committee (TAC) and the Community Transportation Advisory Committee (CTAC). Citizen representation for the RRTPO is on the CTAC. A CTAC member serves as a non-voting representative on the RRTPO.

The RRTPO mission statement is "to serve as the federal and state designated regional transportation planning organization that serves as the forum for cooperative transportation decision-making to assure excellence in mobility and safety within and through the Richmond region." The primary role of the RRTPO is to maintain and conduct a "continuing, cooperative and comprehensive" ("3C") transportation planning process that results in plans and programs consistent with regionally-focused goals in the RRTPO study area. The "3C" process is primarily implemented through the development and maintenance of two core documents; the regional Long-Range Transportation Plan (LRTP) and a four-year Transportation Improvement Program (TIP).

PlanRVA serves as the contracting agent for the RRTPO and provides the administrative and technical staff. Voting membership on the RRTPO Policy Board includes the nine local governments, which also comprise PlanRVA, four transportation/planning agencies, and a Virginia Office of the Secretary of Transportation designee. Like PlanRVA, the RRPTO establishes an annual Unified Planning Work Program (UPWP) which defines work tasks for the upcoming fiscal year.

THE TRANSPORTATION IMPROVEMENT PROGRAM

WHAT IS THE TIP?

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

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

Each project in the TIP must include; a project description (type, termini, length, etc.), an estimated total cost, the amount of federal funding proposed for obligation during each program year, and the identification of the project administrator.

All TIP's developed in the Commonwealth of Virginia are combined into the Statewide Transportation Improvement Program (STIP). The STIP combines all TIPs, without revision, into one statewide document. After approval of the TIP, all revisions to the TIP must also be recorded in the STIP. Approved TIP documents are submitted to the FHWA and the FTA for review and acceptance.

WHAT THE TIP IS NOT…

The TIP is not a final schedule for project implementation. The TIP estimates when and how much funding needs to be obligated for a project or project phase. Beyond the first year, funding obligations can be reprogrammed if a project schedule needs to be revised. Therefore, a project's funding schedule in the TIP is the planned funding commitment, not a structured payment.

The TIP is not a guarantee of project implementation. If a project is in the TIP, project administrators can request the authorization to expend the funding that has been allocated. It means the project now has access to the funds it needs to progress. However, during project development issues may arise that can slow, postpone, or even cancel a project. Therefore, a project's inclusion in the TIP is a greenlight toward progression, not a guarantee of completion.

WHO IS INVOLVED?

The RRTPO is responsible for the development and maintenance of the TIP in cooperation with the Commonwealth of Virginia, specifically the Virginia Department of Transportation (VDOT) and the Virginia Department of Rail and Public Transit (DRPT). However, approximately 20 jurisdictions or agencies participate directly with the RRTPO TIP development and maintenance. Direct participants include member governments, operating agencies, and state and federal agencies. Other organizations and groups are also able to participate in TIP development and maintenance through the process outlined in the RRTPO Public Participation Plan.

VOTING MEMBERS

- Town of Ashland
- Charles City County
- Chesterfield County
- Goochland County
- Hanover County
- Henrico County
- New Kent County
- Powhatan County
- City of Richmond
- Capital Region Airport Commission
- GRTC Transit System
- Richmond Metropolitan Transportation Authority
- Virginia Secretary of Transportation Designee

NON-VOTING MEMBERS

- Community Transportation Advisory Committee
- Elderly and Disability Advisory Committee
- Federal Highway Administration
- Federal Transit Administration
- RideFinders, Inc.
- Virginia Department of Aviation
- Virginia Department of Rail and Public Transportation

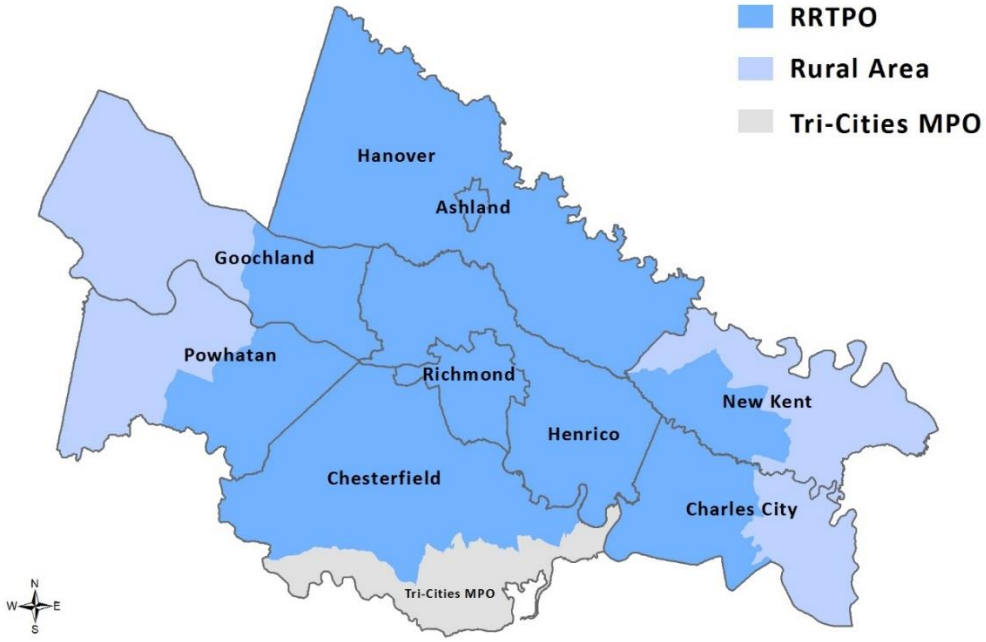
WHEN IS THE TIP IN EFFECT?

The TIP obligates funds for at least four federal fiscal years. The federal fiscal year runs from October 1 to September 30. The first year programmed in the TIP (Fiscal Year 2021) will be October 1, 2020 – September 30, 2021. Funds obligated to a project in the first year of a TIP are intended to be committed dollars. Obligations for the next three years covered under the TIP are reasonable projections of anticipated funds and are subject to revision based on project implementation progress.

The TIP is required to be updated every four years; however any TIP update process must be compatible with the STIP update process. In the Commonwealth of Virginia, the STIP is updated on a three-year cycle to ensure that the program never lapses. The STIP lapsing would halt project progress for all federally funded or regionally-significant projects statewide.

WHERE IS THE TPO STUDY AREA?

The RRTPO TIP must include all federally funded or regionally-significant transportation projects that are located within the RRTPO Metropolitan Planning Area or MPA. The MPA must encompass the existing urbanized area as defined by the United States Census, as well as the adjacent areas anticipated to be included in the defined urbanized area boundaries in the next twenty years. For the RRTPO, the MPA includes all of the Town of Ashland, Hanover County, Henrico County and the City of Richmond and portions of Charles City County, Chesterfield County, Goochland County, New Kent County and Powhatan County (See Map Below).



WHY IS THERE A TIP?

The RRTPO development and maintenance of a TIP is required by federal law for the region to receive and spend federal transportation dollars. Federal law also requires that the RRTPO TIP be combined with the TIPs of the other MPOs in the Commonwealth of Virginia to become the Commonwealth's STIP.

REGIONAL CONSENSUS

The production of the TIP is a peak of the transportation planning process and represents a consensus among state, regional, and local officials regarding projects selected for implementation. Consensus is important because federal and state partners want assurances that all parties have cooperatively developed priorities before committing funds to a project. A project's inclusion in the TIP signifies regional agreement on the priority of the project and establishes eligibility for federal funding.

THE TIP: HOW IT WORKS…

HOW IS THE TIP FUNDED?

At the most basic level the TIP is funded by citizens, who – through taxes, tolls, and fees – generate revenue for transportation. This generated revenue is used in a variety of transportation funding programs as defined by federal transportation legislation. The most recent federal transportation legislation is the FAST Act or Fixing America's Surface Transportation Act, which was signed on December 4, 2015. The FAST Act funds surface transportation over a five-year period allocating over $305 billion dollars. The FAST Act funds a variety of transportation programs which cover various facets of transportation including; planning, research, maintenance and construction. The core federal-aid programs for highway and transit are defined in the financial plan section.

REIMBURSEMENT PROCESS

With few exceptions, transportation funding works on a reimbursement basis. While funds are apportioned to states, the states are not given the funding, rather states are informed that funding is available. The inclusion of a project or project phase in the TIP is the first step in this reimbursement process.

FISCAL CONSTRAINT

The total cost of all TIP projects or project phases cannot exceed the amount of funding that is reasonably expected to be available during the period covered by the TIP. The Commonwealth of Virginia establishes highway and transit funding levels that are reasonably estimated to be available over the life of the TIP. The RRTPO works jointly with the VDOT and DRPT to ensure and maintain this constraint.

HOW DOES THE TIP RELATE TO THE LONG-RANGE TRANSPORTATION PLAN?

The relationship between these two documents is firmly established in federal regulations. The LRTP is the long-range planning apparatus that sets the vision for transportation in the RRTPO, and the TIP is the

four-year programming document that shows how current funding is being programmed and to what projects. The LRTP planning effort informs which projects are prioritized for funding in the TIP.

The LRTP establishes transportation goals over a minimum 20-year horizon and lists proposed regionally-significant transportation projects that are anticipated to be funded. The LRTP, like the TIP, is federally-required. The RRTPO LRTP was approved on October 6, 2016 and is titled *plan2040.* RRTPO projects that are regionally-significant are included in *plan2040* before being incorporated into the FY21 – FY24 TIP. Projects that are smaller in scale, may be planned in other planning efforts but must be consistent with the goals of *plan2040* before being included in the TIP. Projects included in this TIP document have been assessed in connection to the nine goals of the RRTPO *plan2040*. These nine goals include: Congestion Mitigation, Access to Employment, Environmental & Air Quality, Freight Mobility, Transportation & Land Use Integration, Preservation & Maintenance, Safety & Security, and System Reliability.

PERFORMANCE BASED PLANNING AND PROGRAMMING

The federal transportation legislation enacted in 2012 titled Moving Ahead for Progress (MAP-21) and reinforced in the 2015 FAST Act, calls for the states and all MPOs to adopt performance measures that will serve as means for prioritizing projects in each MPO TIP. Each MPO has adopted performance measures in coordination with the state DOT which identify goals and targets that are used to help prioritize TIP projects. A detailed discussion of the state and regional performance targets and their relation to project programming is included in Appendix C.

HOW DO PROJECTS GET INTO THE TIP?

The TIP is not the starting point for projects. It is a requirement for moving forward to implementation. Typically, a transportation project begins as a concept. From this conceptual level the planning process begins. Project concepts are further cemented through the planning process and culminate in plans, ranging from local comprehensive plans, small-area or corridor studies; and, of course, the LRTP. Through these planning processes that first project concept starts to be refined based on the input of experts such as planners and engineers, as well as insight from elected officials and citizens. As projects are refined efforts start to focus on how to get projects funded. Local officials and transit agencies request funding allocations through a variety of programs. Once a project has secure funding allocations, those funds must be authorized before a project can progress. That is when a project is ready for inclusion in the TIP.

WHAT DOES IT MEAN IF A PROJECT IS IN THE TIP?

Once a project is in the TIP it is now possible to request funding. A request is made to the federal agency responsible to obligate the funds budgeted to the project, which officially commits and authorizes the funds for use on the project. For example, FHWA authorizes use of funding from the National Highway Performance Program (NHPP) or FTA authorizes use of funding from the FTA Section 5307 program. The inclusion of the project or project phase in the TIP begins this authorization process. Once the funding is committed and authorized the project can begin. For highway projects the implementation process typically proceeds in phases (preliminary engineering and final design, right-of-way acquisition and

environmental, and construction). For transit projects, funding is obligated for system operation or capital purchase; therefore, phasing is not usually necessary.

A project's inclusion in the TIP is a first step toward the implementation of the project, but a considerable amount of work, such as engineering, property purchase, construction or procurement, is still required before the project is completed.

TIP DEVELOPMENT VS. TIP MAINTENANCE

Development of the TIP is often referred to as the "TIP Update" and occurs every three-years in the Commonwealth of Virginia, coinciding with the STIP update. Developing the TIP for the update begins with reviewing costs, schedules, and descriptions for a preliminary list of projects proposed for inclusion in the updated TIP. Then, VDOT and DRPT work to develop the financial plan and obligation schedules for this proposed list of projects. The RRTPO reviews this information and drafts the TIP document. The TAC and the RRTPO review the initial draft TIP update and the RRTPO opens the 45-day public comment period as required in the RRTPO Public Participation Plan. The Draft TIP and any recommended changes are then presented to the RRTPO for approval. Once approved the TIP is transmitted to VDOT and DRPT for inclusion in the STIP. The Commonwealth Transportation Board (CTB) approves the STIP and the STIP is in-place prior to the start of federal fiscal year 2021.

Maintenance of the TIP refers to changes (amendments and administrative modifications) that are made to the program over the course of three-years after a TIP is adopted and becomes effective. Amendments are changes to the adopted TIP requiring review and processing through the RRTPO TAC and approval by the RRTPO. Administrative modifications are minor changes that may be processed by RRTPO staff through administrative procedures.

HOW CAN YOU PARTICIPATE WITH THE TIP?

Public participation occurs at multiple points in TIP development and maintenance. Requirements of the TIP development process are illustrated in the RRTPO Public Participation Plan. With the development of the TIP the RRTPO must review and approve the proposed TIP development schedule, the opening of the public comment period for the draft TIP, and the final TIP document. These items pass-through both the TAC and the RRTPO through their regularly scheduled meetings, which are always open to the public.

The DRAFT TIP document is also made available for 45-day public review period. This document is made available on the RRTPO website, and can be provided by other mechanisms, email or direct mail, if needed. The public comment period is also noticed in local newspapers. A public meeting focused on TIP development is also held during this period. All comments provided are incorporated into the TIP document. All submitted comments will receive a response (See Appendix B).

In TIP maintenance, if the TIP is being amended, that amendment must be reviewed by the RRTPO Technical Advisory Committee and considered for approval by the RRTPO. TIP amendment notification is posted on the RRTPO website with links to details about the proposed TIP amendment and directions for

providing comment. More information about revisions to the TIP can be found in the amendments and administrative modifications section of the TIP.

Public insight about the TIP is always welcome. The TIP changes regularly, and it is not a static document. Throughout the life of the FY21 – FY24 TIP, comments can be made at any time. These comments can be made at the meetings of the RRTPO and its supporting committees or by mail, email or telephone. The most reliable resource for information about the FY21 – FY24 TIP is the PlanRVA website, www.planrva.org.

The TIP must be developed and maintained using processes that ensure the principles of these statutes are achieved. More information can be found in the RRTPO Title VI and Environmental Justice Plan.

FINANCIAL PLAN

FINANCIAL CONSTRAINT

INTRODUCTION

The Code of Federal Regulations (23 CFR 450.324(h)) specifies the inclusion of a financial plan in the TIP that shows how the projects or project phases identified in the TIP can reasonably be expected to be implemented, with the available public and private revenues identified. TIP projects or project phases are required to be consistent with the LRTP (*plan2040*) and must be fully funded in the TIP. To the extent that funding is available or shall be reasonably available, priority projects or project phases have been cooperatively selected for inclusion in this TIP. VDOT, DRPT, GRTC and the RRTPO have cooperatively developed financial forecasts for the TIP based on the latest official planning assumptions and estimates of revenue(s) and cost(s). The financial information is given by funding category for the projects listed and expected to be implemented during the four-year period beginning Fiscal Year 2021.

Some projects listed in the TIP may show $0 for planned obligations. There are several reasons this may occur and include:

- The project is complete; awaiting closeout
- There are subsequent phases beyond 4 years
- The project is for information only, funding being pursued
- The project is to be funded from [category] group funding

In addition to construction projects, financial projections have also been made to show revenues for maintaining and operating the region's highway and transit systems during the same 4-year period. Funded TIP actions typically include, but are not limited to:

- Transportation Studies
- Ground Transportation System Improvement Projects (fixed-guide, highway, bicycle, pedestrian, commuter lots, etc.)
- Public Transit Systems and Services (components of coordinated human service mobility plans)
- System Maintenance (monitoring, repair and/or replacement of system facilities and support sites; snow removal; mowing; painting; rest area or weigh station sites; etc.)
- System Operations (ITS-TSM applications; traffic operations such as signalization, signal coordination, ramp meters, or message signs; roadside assistance; incident management; for the urbanized TMAs, their Congestion Management Process activities; VDOT traffic management centers; bridge-tunnel management; toll road or congestion pricing management; etc.)

FUNDING SOURCES

The TIP funding summary tables summarize by year and by funding source the revenue amounts estimated and committed for fiscal year 2021 - 2024. The tables include expenditures and estimated revenues expected for each funding source and show that the program is financially constrained by year. The financial summary tables are based on total funds available, which include annual allocations of funds including any state and local matching dollars. These revenue sources are all reasonably expected to be

made available and committed to the project phase during the programmed year of the TIP. The following provides a general overview of funding programs utilized in the development of the TIP.

Highway Funding Programs

Program	Description
Bridge Rehabilitation and Replacements (BR/BROS)	Provides funding for bridge improvements both on and off the National Highway System (NHS)
Congestion Mitigation and Air Quality Improvement Program (CMAQ)	Provides flexible funding for congestion reduction and air quality improvement projects and programs; funding only available for areas not meeting federal air quality standards or maintenance areas
Demonstration Program (DEMO)	Provides specialized funding to demonstration, priority, pilot, or special interest projects
Highway Safety Improvement Program (HSIP)	Funds projects to reduce traffic fatalities and serious injuries on public roads; set aside for Railway Highway Crossings Program
National Highway Freight Program (NHFP)	Provides funding to improve the movement of freight on the National Highway Freight Network (NHFN)
National Highway System/National Highway Performance Program (NHS/NHPP)	Funds projects to construct new facilities on or improve the condition and performance of the National Highway System (NHS)
Regional Surface Transportation Program	Provides funding for a broad range of capacity, operational, and congestion mitigation related improvements. Allocated directly to the regional MPO.
SAFETEA-LU	Funding specific to the 2005 federal legislation known as the Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users.
Surface Transportation Program/Surface Transportation Block Grant Program (STP/STBG)	Provides flexible funding for wide range of eligible projects and programs to address state and local transportation needs
Transportation Alternatives Program/Transportation Alternative Set-Aside (TAP/TA Set-Aside)	Provided for bicycle and pedestrian facilities through the Surface Transportation Block Grant. A set aside from each state's allocation of STBG funds must be used for Transportation Alternatives activities.

Transit Funding Programs

Program	Description
Urbanized Area Formula Grants (5307)	Provides funding to public transit systems in large urban areas for capital, planning, job access projects, and some operating expenses such as ADA paratransit and preventive maintenance
Fixed Guideway Capital Investment Grants (5309)	Discretionary program for funding major transit capital projects such as BRT, light rail, and streetcars
Enhanced Mobility of Seniors and Individuals with Disabilities (5310)	Program to assist local transit agencies, governments, and nonprofit groups in meeting needs of elderly and persons with disabilities
Rural Area Formula Grants (5311)	Provides funding for capital, planning and operating assistance to support public transportation in small urban and rural areas under 50,000 in population
State of Good Repair Formula Program (5337)	Provide capital assistance for maintenance, replacement, and rehabilitation of existing fixed guideway (e.g., rail lines, bus lanes) facilities to maintain state of good repair
Bus and Bus Facilities Formula Program (5339a)	Provides funding to transit agencies and states to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities
Bus and Bus Facilities Discretionary Grants (5339b)	Discretionary component of the program to fund the same bus and bus facility improvements; includes Low or No Emissions Bus Program

FINANCIAL ASSUMPTIONS

The TIP financial plan is required to include only committed and/or reasonably available transportation funding sources. The estimates on funding sources and costs are based on reasonable financial principles and recent information. The financial estimates for both revenues and costs are given in year of expenditure dollars and reflect growth and inflation factors. VDOT cost estimates are from the VDOT Project Cost Estimating System. For projects not administered by the state, cost estimates are developed cooperatively through the RRTPO or responsible local governments and agencies. Maintenance and construction program financial planning assumptions used for the FY21 – FY24 TIP are consistent with assumptions and distribution methodology used for the adopted Transportation Plan.

Table 1: Highway Projects

Fund Source	FFY 2021		FFY 2022		FFY 2023		FFY 2024		TOTAL	
	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation
Federal										
CMAQ (2)	$9,537,057	$9,537,057	$599,800	$599,800	$300,000	$300,000	$2,400,000	$2,400,000	$12,836,857	$12,836,857
DEMO	$156,736	$156,736	$0	$0	$0	$0	$0	$0	$156,736	$156,736
HIP/F	$2,798,250	$2,798,250	$0	$0	$0	$0	$0	$0	$2,798,250	$2,798,250
HSIP	$8,415,917	$8,415,917	$3,851,159	$3,851,159	$2,019,444	$2,019,444	$2,550,000	$2,550,000	$16,836,520	$16,836,520
NHFP	$1,003,707	$1,003,707	$2,745,993	$2,745,993	$0	$0	$0	$0	$3,749,700	$3,749,700
NHPP/E	$0	$0	$0	$0	$0	$0	$2,705,000	$2,705,000	$2,705,000	$2,705,000
NHS/NHPP	$21,397,317	$21,397,317	$11,484,392	$11,484,392	$251,015	$251,015	$3,993,339	$3,993,339	$37,126,063	$37,126,063
RAIL	$0	$0	$2,010,895	$2,010,895	$381,700	$381,700	$0	$0	$2,392,595	$2,392,595
RSTP (2)	$23,009,827	$23,009,827	$8,229,325	$8,229,325	$13,759,264	$13,759,264	$3,562,702	$3,562,702	$48,561,118	$48,561,118
STP/STBG	$4,267,332	$4,267,332	$8,802,926	$8,802,926	$188,536	$188,536	$2,690,668	$2,690,668	$15,949,462	$15,949,462
TAP	$1,815,739	$1,815,739	$2,702,000	$2,702,000	$298,400	$298,400	$0	$0	$4,816,139	$4,816,139
Subtotal -- Federal	**$72,401,882**	**$72,401,882**	**$40,426,490**	**$40,426,490**	**$17,198,359**	**$17,198,359**	**$17,901,709**	**$17,901,709**	**$147,928,440**	**$147,928,440**
Other										
Non-Federal	$5,556,162	$5,556,162	$0	$0	$0	$0	$0	$0	$5,556,162	$5,556,162
State Match	$16,720,132	$16,720,132	$7,724,077	$7,724,077	$3,966,094	$3,966,094	$4,121,260	$4,121,260	$32,531,563	$32,531,563
Subtotal -- Other	**$22,276,294**	**$22,276,294**	**$7,724,077**	**$7,724,077**	**$3,966,094**	**$3,966,094**	**$4,121,260**	**$4,121,260**	**$38,087,725**	**$38,087,725**
Total	**$94,678,176**	**$94,678,176**	**$48,150,567**	**$48,150,567**	**$21,164,453**	**$21,164,453**	**$22,022,969**	**$22,022,969**	**$186,016,165**	**$186,016,165**
Federal - ACC (1)										
CMAQ (2)	$800,000	$800,000	$3,184,631	$3,184,631	$1,239,200	$1,239,200	$1,139,200	$1,139,200	$6,363,031	$6,363,031
HSIP	$457,737	$457,737	$2,916,466	$2,916,466	$1,537,096	$1,537,096	$1,796,056	$1,796,056	$6,707,355	$6,707,355
NHFP	$0	$0	$1,214,550	$1,214,550	$0	$0	$0	$0	$1,214,550	$1,214,550
NHPP/E	$0	$0	$0	$0	$0	$0	$2,544,050	$2,544,050	$2,544,050	$2,544,050
NHS/NHPP	$2,983,307	$2,983,307	$23,494,109	$23,494,109	$16,953,010	$16,953,010	$14,159,958	$14,159,958	$57,590,384	$57,590,384
RAIL	$0	$0	$0	$0	$24,685	$24,685	$0	$0	$24,685	$24,685
RSTP (2)	$2,054,482	$2,054,482	$5,871,744	$5,871,744	$6,443,005	$6,443,005	$1,997,268	$1,997,268	$16,366,499	$16,366,499
STP/STBG	$4,149,474	$4,149,474	$827,085	$827,085	$2,135,124	$2,135,124	$1,751,280	$1,751,280	$8,862,963	$8,862,963
Subtotal -- Federal - ACC (1)	**$10,445,000**	**$10,445,000**	**$37,508,585**	**$37,508,585**	**$28,332,120**	**$28,332,120**	**$23,387,812**	**$23,387,812**	**$99,673,517**	**$99,673,517**

Statewide and/or Multiple MPO - Federal (3)										
CMAQ (2)	$288,000	$288,000	$0	$0	$0	$0	$0	$0	$288,000	$288,000
Subtotal -- Statewide and/or Multiple MPO - Federal (3)	**$288,000**	**$288,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$288,000**	**$288,000**
Maintenance - Federal (4)										
NHFP	$9,124,541	$9,124,541	$2,500,000	$2,500,000	$0	$0	$0	$0	$11,624,541	$11,624,541
NHS/NHPP	$16,099,076	$16,099,076	$17,018,407	$17,018,407	$23,343,863	$23,343,863	$22,320,073	$22,320,073	$78,781,419	$78,781,419
STP/STBG	$47,952,502	$47,952,502	$40,721,252	$40,721,252	$37,365,945	$37,365,945	$34,735,882	$34,735,882	$160,775,581	$160,775,581
Subtotal -- Maintenance - Federal (4)	**$73,176,119**	**$73,176,119**	**$60,239,659**	**$60,239,659**	**$60,709,808**	**$60,709,808**	**$57,055,955**	**$57,055,955**	**$251,181,541**	**$251,181,541**

(1) ACC -- Advance Construction -- Funding included in Federal Category based on year of AC Conversion

(2) CMAQ/RSTP includes funds for TRANSIT projects

(3) Statewide and/or Multiple MPO - Federal - Funding to be obligated in Multiple MPO Regions and/or Statewide for projects as identified

(4) Maintenance Projects - Funding to be obligated for maintenance projects as identified

Table 2: Transit Projects

Fund Source	FFY 2021	FFY 2022	FFY 2023	FFY 2024 (2)	Total
FTA 5307	$14,850,803	$21,306,800	$8,956,400	$0	$45,114,003
FTA 5310 (1)	$942,000	$0	$0	$0	$942,000
FTA 5339	$2,596,507	$2,722,880	$8,242,000	$0	$13,561,387
State	$12,329,143	$20,776,800	$13,802,400	$0	$46,908,343
Local	$3,461,875	$3,346,400	$2,821,200	$0	$9,629,475
Transit Total	$34,180,328	$48,152,880	$33,822,000	$0	$116,155,208

(1) FTA 5310 funds are allocated on an annual basis. Funding in future fiscal years will be financially constrained by the allocation process.

(2) GRTC planning for FY24 is on-going and no projects have been identified at this time. Any additional projects will be added via TIP amendment and undergo public review.

UNGROUPED PROJECTS

How to read ungrouped projects…

Ungrouped projects are projects that are individually identified in the TIP because they have meaningful regional significance due to project scale, community interest, total cost or funding source. Any project phase or obligations additions must come to the RRTPO for consideration either as an administrative modification or an amendment.

Projects are organized by system which generally means the type of road. Within each system, projects are ordered by jurisdiction or agency and then by universal project code (UPC). Generally speaking, lower UPC's indicate an older project. For projects where funding is administered by DRPT, projects may be identified by a STIP identification code and are also listed from lowest to highest. Projects that have been completed according to their construction completion date are listed separately.

Information on ungrouped project pages is structured into five sections. The first section provides details about the scope of the project, this section also includes a corresponding map or image. The second section shows information about a project's implementation schedule. This schedule is broken out by project phase. The third section shows the project's cost estimate, as well as any previous obligated funds if application. The fourth section shows the proposed obligations for the project. And the fifth section shows any project revisions, specifically administrative modifications or amendments.

Long-Range Plan Consistency

Projects in the TIP have been assessed to connect project scopes, as identified in the TIP, to goals in the RRTPO's Metropolitan Transportation Plan, or *plan2040*. The assessment process utilized questions used in the *plan2040* candidate projects applications. Each project was reviewed by four different assessors and then combined. If the independent assessments did not agree further review and discussion was pursued. Assessments were also further refined based on scope congruency. Each TIP project page includes the results of these assessments. *Plan2040* icon descriptions and assessment questions can be found on the following page. Future versions of the TIP will refine this assessment process further, with more assessed projects folding in from *plan2040*.

plan2040 Goals: Descriptions and Assessment Questions

Congestion Mitigation

- *Will planned projects improve areas of localized congestion within the project area?*
- *Will planned projects improve system functionality?*

Access to Employment

- *Will planned regional projects improve access to areas of employment density?*
- *Will planned regional projects increase accessibility to key regional activity centers from areas with high poverty rates?*

Environment & Air Quality

- *Will planned projects minimize air quality impacts?*
- *Will planned projects minimize impacts on natural and cultural resources?*

Freight Mobility

- *Will planned projects improve the regional intermodal freight network?*
- *Will planned projects improve access to freight-intensive facilities?*

Transportation & Land Use Integration

- *Will planned projects promote in-fill development or redevelopment of brownfield sites? Reduce per capita VMT?*
- *Improve or support transportation infrastructure in existing and planned growth areas? Promote walking or bike-friendly, mixed-use development?*

Multimodal Connectivity

- *Will planned projects introduce new connections between new or existing travel patterns?*
- *Will planned projects eliminate barriers in key corridors?*
- *Will planned projects implement Complete Street elements?*

Preservation & Maintenance

- *Will planned projects prolong the useful life of the transportation system and infrastructure through reconstruction, rehabilitation, and preventative maintenance?*
- *Prolong the useful life of bridge infrastructure or transportation facilities/fleet through reconstruction, rehabilitation, and preventative maintenance?*

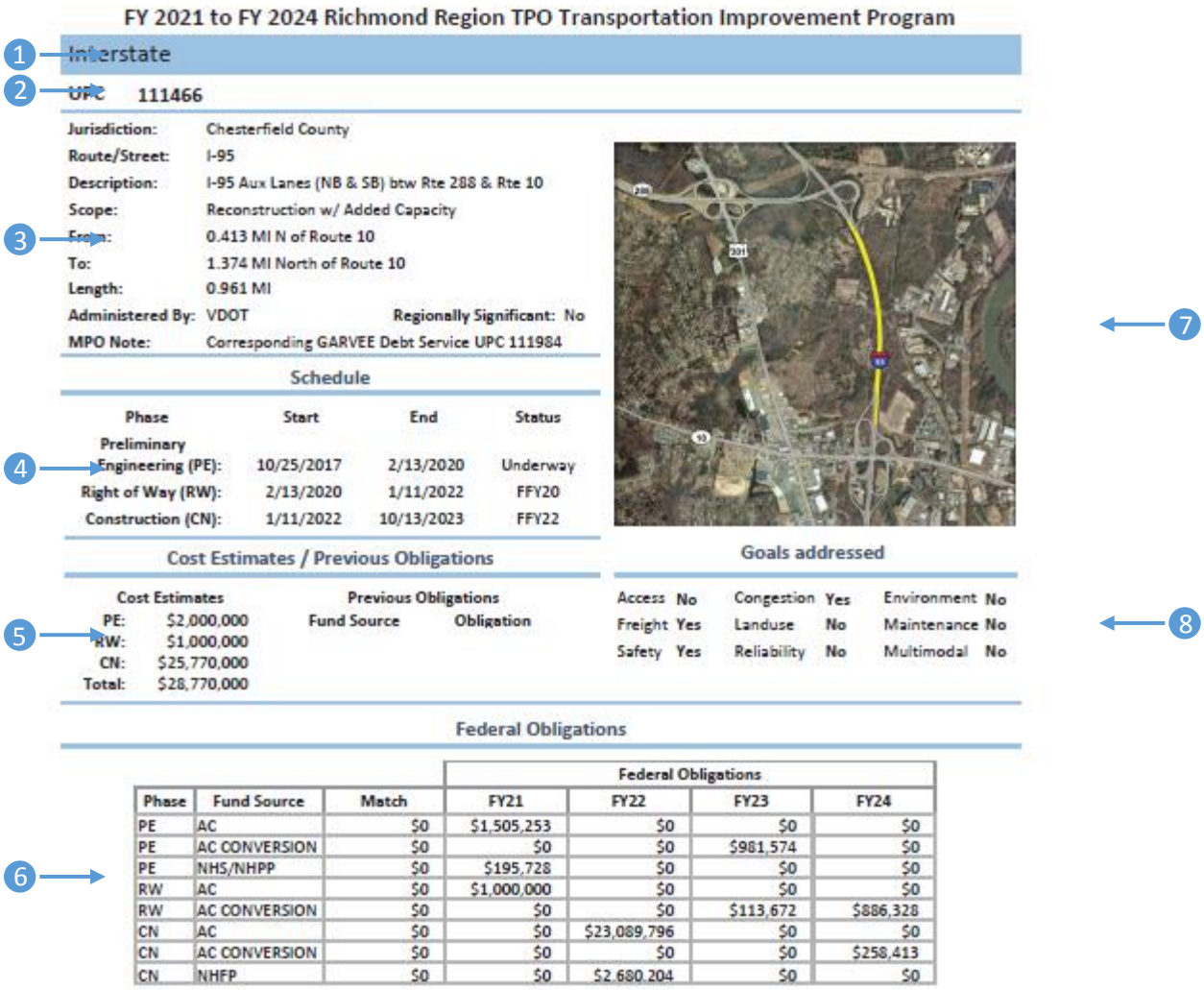
Safety & Security

- *Will planned projects reduce injury and fatality crash rates?*
- *Reduce non-motorized crashes (bicycle and pedestrian)?*
- *Improve transportation system security?*

System Reliability

- *Will planned projects address high travel times or improve reliability?*
- *Increase public transportation service frequency and capacity?*
- *Incorporate travel demand management (TDM) strategies?*

How to read the TIP: Key



FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

1 Interstate

2 UPC 111466

Jurisdiction:	Chesterfield County
Route/Street:	I-95
Description:	I-95 Aux Lanes (NB & SB) btw Rte 288 & Rte 10
Scope:	Reconstruction w/ Added Capacity
3 From:	0.413 MI N of Route 10
To:	1.374 MI North of Route 10
Length:	0.961 MI
Administered By:	VDOT
Regionally Significant:	No
MPO Note:	Corresponding GARVEE Debt Service UPC 111984

7

Schedule

Phase	Start	End	Status
4 Preliminary Engineering (PE):	10/25/2017	2/13/2020	Underway
Right of Way (RW):	2/13/2020	1/11/2022	FFY20
Construction (CN):	1/11/2022	10/13/2023	FFY22

Cost Estimates / Previous Obligations

5 Cost Estimates		Previous Obligations	
PE:	$2,000,000	Fund Source	Obligation
RW:	$1,000,000		
CN:	$25,770,000		
Total:	$28,770,000		

Goals addressed

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

8

Federal Obligations

6

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$1,505,253	$0	$0	$0
PE	AC CONVERSION	$0	$0	$0	$981,574	$0
PE	NHS/NHPP	$0	$195,728	$0	$0	$0
RW	AC	$0	$1,000,000	$0	$0	$0
RW	AC CONVERSION	$0	$0	$0	$113,672	$886,328
CN	AC	$0	$0	$23,089,796	$0	$0
CN	AC CONVERSION	$0	$0	$0	$0	$258,413
CN	NHFP	$0	$0	$2,680,204	$0	$0

1. **System**: All projects are categorized into one of seven systems: Interstate, Primary, Secondary, Urban, Enhancement, Miscellaneous, or Public Transportation
2. **UPC/STIP Code**: A number assigned to each project from start to completion
3. **Description**: Details about the project including scope and location
4. **Schedule**: The current project schedule with expected start and end dates by phase
5. **Cost Estimate**: Estimated total cost for the project.
6. **Planned Obligations**: The amount of federal funding and state or local match needed to complete each phase, by funding type and fiscal year. A guide to the abbreviations used for federal funds is included in the financial plan section of this document.
7. **Project Map**: A map showing the general location of the project. For some transit projects and projects covering a wide area, a project map may not be available.
8. **Plan2040 Goals**: Goals from the long-range plan addressed by the project

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 111984

Jurisdiction: Chesterfield County
Route/Street: I-95
Description: I-95 Aux Lanes - Garvee Debt Service
Scope:
From:
To:
Length:
Administered By: VDOT **Regionally Significant:** TBD
MPO Note: GARVEE Debt Service Related to UPC: 111466

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/15/2018	9/15/2037	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$8,323,754		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$7,861,548	$0	$0	$0
PE	AC CONVERSION	$0	$0	$491,266	$893,033	$862,631
PE	NHS/NHPP	$0	$175,622	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 109231

Jurisdiction: Goochland County
Route/Street: I-64
Description: I-64/Ashland Rd Interchange IMR
Scope: Preliminary Engineering
From: I-64
To: I-64
Length: 1.9 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/17/2016	2/26/2020	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$400,000		
RW:			
CN:			
Total:	$400,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 121682

Jurisdiction: Goochland County
Route/Street: I-64
Description: I-64/VA 623 Ashland Rd Interchange IAR
Scope: Preliminary Engineering
From: I-64
To: I-64
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	$360,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	RSTP	$72,000			$288,000	

Amendments

Amd 40

2/2/2023 Approved 1). This is a new project added to the TIP 2).Add FY23 PE Phase and obligate $288,000 RSTP funds, and $72,000 State funds.

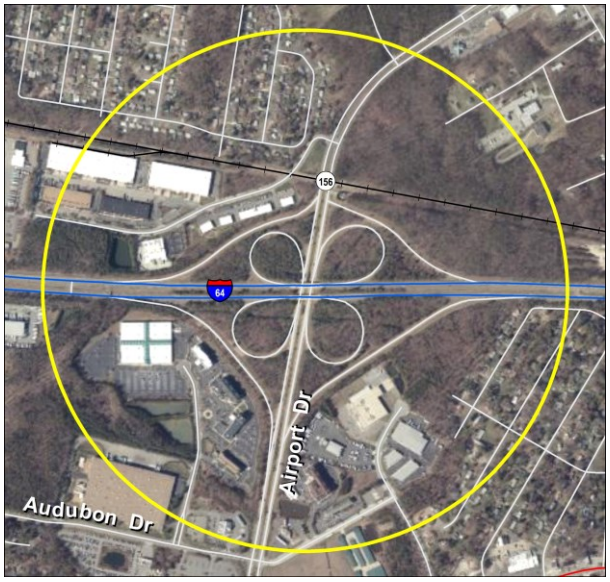
Date Requested 12/15/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 97565

Jurisdiction: Henrico County
Route/Street: I-64
Description: Rte 64 - Replace Bridges Over Rte 156
Scope: Bridge Replacement w/o Added Capacity
From: 0.473 MI W of Route 156
To: 0.475 MI E of Route 156
Length: 0.949 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/6/2013	8/14/2018	Completed
Right of Way (RW):			
Construction (CN):	8/14/2018	11/17/2022	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$35,006,633		

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	STP/STBG	$0	($150,380)	$0	$0	$0
CN	AC OTHER	$0	$25,317,567	$117,479	$0	$0
CN	HIP/F	$0	$95,730	$0	$0	$0
CN	STP/STBG	$0	$0	$67,704	$0	$0

Adjustments

Adj 74 4/11/2022 Completed

1). Obligate $95,730 CN HIP/F funds (no match) in FY21. 2). Obligate $67,704 CN STP/STBG funds (no match) in FY22. 3). Obligate $25,317,567 CN AC Other funds (no match) in FY21 and $117,479 CN AC Other funds (no match) in FY22. 4). Eliminate $25,317,567 FY21 CN AC funds (no match); and $280,913 FY21 CN STP/STBG funds (no match).

Date Requested 3/24/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 113844

Jurisdiction: Henrico County
Route/Street: I-64
Description: I-64 at Parham IMR
Scope: Traffic Management/Engineering
From: West of Parham Rd
To: East of Parham Rd
Length: 0.27 MI
Administered By: Locally
Regionally Significant: No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/14/2019	7/28/2020	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$600,000		
RW:			
CN:			
Total:	$600,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 120374

Jurisdiction: Henrico County
Route/Street:
Description: #I64CIP - I-64 WB Exit 181 Improve Interchange Configuration
Scope: New Construction Roadway
From: MM 181
To: MM 181
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $12,000,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	OTHER	$0	$0	$1,750,000	$0	$0
RW	OTHER	$0	$0	$0	$0	$500,000

Amendments

Amd 22

10/12/2021 Approved 1). This is a new project added to the TIP. 2). Add PE phase to FY22 with $1,750,000 in state Interstate Corridor Funds. 3). Add RW phase to FY24 with $500,000 in state Interstate Corridor Funds.
Date Requested 10/8/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC T27493

Jurisdiction: New Kent County
Route/Street: I-64
Description: I-64 GAP IMPROVEMENTS - SEGMENT B
Scope: Reconstruction with Added Capacity
From: EXIT 214 (N. COURTHOUSE RD)
To: EXIT 227 (OLD STAGE RD)
Length: 9.8 MI
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $244,299,392

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	OTHER	$0	$0	$0	$23,323,495	$0

Amendments

Amd 34

11/3/2022 Approved 1). This is a new project added to the TIP. 2). Obligate $23,323,495 Other funds FY23 PE phase.
Date Requested 10/14/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 122805

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

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $277,828,078

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

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

Amendments

Amd 42

3/2/2023 Approved 1). Add FY23 RW Phase and obligate $1,000,000 State Other funds. 2). Add FY23 CN Phase and obligate $249,813,744 State Other funds.

Date Requested 1/17/2023

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 93087

Jurisdiction: Richmond
Route/Street: I-195
Description: Rte 195 - Bridge Repair Over Rte 76, CSX (Fed ID 21552)
Scope: Bridge Rehab w/o Added Capacity
From: 0.145 MI N of Rte 76
To: 0.071 MI S of Rte 76
Length: 0.216 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/24/2013	3/12/2019	Completed
Right of Way (RW):			
Construction (CN):	3/12/2019	2/26/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$2,900,000
RW:	
CN:	$12,391,000
Total:	$15,291,000

Previous Obligations	
Fund Source	Obligation

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	NHS/NHPP	$0	($600,978)	$0	$0	$0
PE	OTHER	$0	$7,609	$0	$0	$0
CN	AC OTHER	$0	$0	$157,391	$0	$0
CN	NHS/NHPP	$0	$0	$7,609	$0	$0

Adjustments

Adj 54 4/14/2021 Completed

1). Add PE phase to FY21 and obligate -$600,978 NHS/NHPP funds (no match); and $7,609 Other funds (no match). 2). Add CN phase to FY21 and obligate $165,000 NHS/NHPP funds (no match). 3). Eliminate FY21 $491,000 CN AC funds (no match).

Date Requested 4/5/2021

Adj 75 4/11/2022 Completed

1). Obligate $7,609 CN NHS/NHPP funds (no match) in FY22. 2). Obligate $157,391 CN AC Other funds (no match) in FY22. 3). Eliminate $165,000 FY21 CN NHS/NHPP funds (no match).

Date Requested 3/24/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 119673

Jurisdiction: Richmond
Route/Street: I-95
Description: I-95 at Commerce Road Access Study
Scope: Preliminary Engineering
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/17/2019	6/4/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$550,000
RW:	
CN:	
Total:	$550,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116651

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP CCTV Program UPC-Funding Source only
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $15,605,683

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 1

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116652

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Changeable Message Sign Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $3,240,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 2

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116653

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Safety Service Patrols Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $1,516,666

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 3

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116654

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Towing Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $2,200,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 4

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116655

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Towing Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $1,200,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 5

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116656

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Variable Speed Limits
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $15,144,615

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 6

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

Interstate

UPC 116657

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Ramp Metering Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $5,700,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 7

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

Interstate

UPC 116658

Jurisdiction: Statewide
Route/Street:
Description: # I-95 CIP Geofenced Emergency Notice
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $200,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 8

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

Interstate

UPC 116659

Jurisdiction: Statewide
Route/Street:
Description: # I-95 Advanced Work Zone Tech Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $1,000,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 9

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

Interstate

UPC 116660

Jurisdiction: Statewide
Route/Street:
Description: # I-95 Regional Multimodal Mobility Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $5,400,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 10

1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 116661

Jurisdiction: Statewide
Route/Street:
Description: # I-95 Corridor Technology Improvement Program
Scope: Other
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $4,300,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
		$0	$0	$0	$0	$0

Amendments

Amd 11

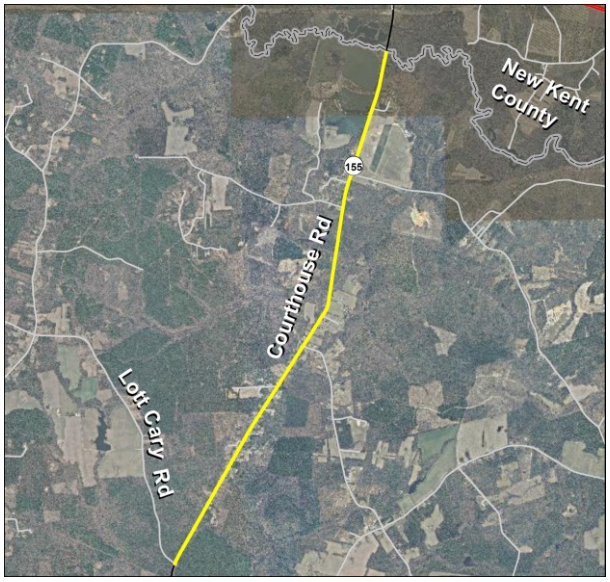
1/7/2021 Approved 1). This is a new project added to the TIP.
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 106296

Jurisdiction: Charles City County
Route/Street: 155/Courthouse Road
Description: Rte 155 - Construct Trail - Pe Only
Scope: Facilities for Pedestrians and Bicycles
From: Rte 602 (Lott Cary Rd)
To: New Kent Co Ln
Length:
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/1/2019	10/6/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	**Obligation**
PE:	$400,000		
RW:			
CN:			
Total:	$400,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 101020

Jurisdiction: Chesterfield County
Route/Street: 10/West Hundred Road
Description: Rte 10 (Bermuda Triangle Rd To Meadowville Rd)
Scope: Reconstruction w/ Added Capacity
From: 1.73 MI W of Rte 618 (Old Bermuda Hundred Road)
To: 0.27 MI E of Rte 618 (Old Bermuda Hundred Road)
Length: 2.0 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note: Corresponding GARVEE Debt Service UPC 110393

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/29/2012	11/6/2014	Completed
Right of Way (RW):	11/6/2014	4/1/2019	Completed
Construction (CN):	4/1/2019	4/1/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$3,450,293
RW:	$12,517,121
CN:	$48,670,435
Total:	$64,637,849

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**Yes**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$210,059	$840,234	$0	$0	$0
RW	AC	$0	$7,320,000	$0	$0	$0
RW	AC CONVERSION	$0	$0	$0	$181,355	$1,240,990
RW	NHS/NHPP	$0	$1,043,763	$0	$0	$0
CN	AC	$0	$11,869,266	$0	$0	$0
CN	AC OTHER	$0	$17,620,415	$0	$0	$0
CN	HIP/F	$0	$2,798,250	$0	$0	$0
CN	RSTP	$3,557,544	$13,106,003	$1,124,171	$0	$0

Adjustments

Adj 104 10/6/2022 Completed

1.) Move $1,124,171 (RSTP) FFY22 from RW phase to CN phase.

Date Requested 9/28/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 110393

Jurisdiction: Chesterfield County
Route/Street:
Description: Rte 10 Widening - Garvee Debt Service
Scope:
From:
To:
Length:
Administered By: VDOT **Regionally Significant:** TBD
MPO Note: GARVEE Debt Service Related to UPC: 101020

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/1/2017	6/30/2029	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$9,273,153		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$7,063,961	$0	$0	$0
CN	AC CONVERSION	$0	$0	$945,484	$888,559	$828,754
CN	NHS/NHPP	$0	$968,726	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 101021

Jurisdiction: Chesterfield County
Route/Street: 1/Jefferson Davis Highway
Description: Rte 1 - Improve Intersection
Scope: Safety
From: 0.18 MI S Rte 618
To: 0.25 MI N Rte 618
Length: 0.44 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/6/2011	9/27/2013	Completed
Right of Way (RW):	9/27/2013	10/13/2015	Completed
Construction (CN):	10/13/2015	4/6/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$870,607
RW:	$1,277,323
CN:	$3,045,737
Total:	$5,193,667

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	RSTP	$51,860	$207,438	$0	$0	$0

Adjustments

Adj 55 4/14/2021 Completed

1). Add CN phase to FY21 and obligate $207,438 RSTBG funds (match $51,860). 2). Eliminate FY21 $301 PE AC funds (no match); FY21 $407,149 RW AC fundds (no match); and FY21 $259,297 CN AC funds (no match).

Date Requested 4/5/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 102952

Jurisdiction: Chesterfield County
Route/Street: 10/West Hundred Road
Description: Rte 10 (I-95 - Rt 1) - Widening
Scope: Reconstruction w/ Added Capacity
From: 0.087 MI W Rte 1 (Jeff Davis Hwy)
To: 0.507 MI E Rte 1 (Jeff Davis Hwy)
Length: 0.51 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/3/2012	12/29/2016	Completed
Right of Way (RW):	12/29/2016	4/1/2019	Completed
Construction (CN):	4/1/2019	10/2/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$1,077,298
RW:	$916,490
CN:	$8,769,558
Total:	$10,763,346

Previous Obligations

Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	RSTP	$38,190	$152,761	$0	$0	$0
RW	RSTP	$8,145	$32,579	$0	$0	$0
CN	AC	$0	$1,763,345	$0	$0	$0
CN	Other	$2,000,000	$2,000,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 104889

Jurisdiction: Chesterfield County
Route/Street: 10/Ironbridge Road
Description: Rt 10 (Whitepine To Frith) Widening
Scope: Reconstruction w/ Added Capacity
From: 0.25 MI N of Whitepine Road
To: Frith Lane
Length: 1.611 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/5/2017	9/1/2020	Completed
Right of Way (RW):	9/1/2020	9/1/2023	Underway
Construction (CN):	9/1/2023	8/29/2025	FFY23

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$15,181,279		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	($20,000)	($80,000)	$0	$0	$0
RW	RSTP	($26,000)	($104,000)	$0	$0	$0
CN	AC CONVERSION	$400,000	$0	$1,600,000	$0	$0
CN	AC OTHER	$0	$0	$86	$0	$0
CN	RSTP	$2,341,183	$9,364,731	$0	$0	$0

Adjustments

Adj 14 12/11/2020 Completed

1). Revise cost from $15,200,000 to $15,181,279. 2). Add CN phase to FY21 and obligate $5,145,023 AC Conversion funds (match $1,286,256). 3). Eliminate FY21 PE -$80,000 RSTBG funds (match -$20,000); FY21 RW $440,000 RSTBG funds (match $110,00); and FY23 CN $10,600,000 RSTBG funds (match $2,650,000).

Date Requested 11/5/2020

Primary

UPC 104889

Adj 72 4/11/2022 Completed

1). Add PE phase to FY21 and obligate -$80,000 STBG funds (match -$20,000). 2). Add RW phase to FY21 and obligate -$104,000 STBG funds (match -$26,000). 3). Obligate $9,364,731 CN STBG funds (match $2,341,183) in FY21. 4). Obligate $1,600,000 CN AC Conversion funds (match $400,000) in FY22. 5). Obligate $86 CN AC Other funds (no match) in FY22. 6). Eliminate FY 21 $5,145,023 CN AC Conversion funds (match $1,286,256).

Date Requested 3/24/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 104890

Jurisdiction: Chesterfield County
Route/Street: 360/Hull Street Road
Description: Rte 360 E (Lonas Pkwy To Castle Rock Rd) - Widening
Scope: Reconstruction w/ Added Capacity
From: 0.190 MI W of Bridgewood Rd
To: 0.029 MI E of Castle Rock Rd
Length: 0.561 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/27/2017	3/14/2019	Completed
Right of Way (RW):	3/14/2019	10/15/2020	Completed
Construction (CN):	10/15/2020	7/1/2022	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$7,818,000		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$12,005	$48,020	$0	$0	$0
RW	RSTP	($136,600)	($546,399)	$0	$0	$0
CN	AC CONVERSION	$320,161	$1,280,643	$0	$0	$0

Adjustments

Adj 15 12/11/2020 Completed

1). Revise cost from $7,449,000 to $7,818,000. 2). Add CN phase to FY21 and obligate $782,266 AC Conversion funds (match $195,567). 3). Eliminate FY21 CN $3,988,000 RSTBG funds (match $997,000).

Date Requested 11/5/2020

Adj 30 2/24/2021 Completed

1). Add PE phase to FY21 and obligate $48,020 (match $12,005) RSTBG funds. 2). Add RW phase to FY21 and obligate -$546,399 (match -$136,600) RSTBG funds. 3). Revise FY21 CN AC Conversion funds from $782,266 (match $195,567) to $1,280,643 (match $320,161).

Date Requested 2/5/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 111467

Jurisdiction: Chesterfield County
Route/Street: Route 288
Description: SB Rt 288, WB 360, WB off Ramp, 360 ParkN Ride lot
Scope: Reconstruction w/ Added Capacity
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/31/2017	3/27/2020	Completed
Right of Way (RW):	3/27/2020	8/31/2021	Completed
Construction (CN):	8/31/2021	5/14/2024	Underway

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$21,860,471		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	NHS/NHPP	$0	$0	$0	$108,613	$0
RW	NHS/NHPP	$0	$609,245	$0	($864,142)	$0
CN	HIP/F	$0	$0	$0	$1,144,699	$0
CN	HSIP	$0	$0	$0	$7,289,000	$0
CN	NHPP/E	$0	$0	$0	$1,306,517	$0
CN	NHS/NHPP	$0	$0	$0	$1,851,379	$0
CN AC	AC OTHER	$0	$0	$0	$7,909,405	$0

Amendments

Amd 37

12/1/2022 Approved 1). Obligate $108,613 (NHPP) FFY23 PE phase. 2). Obligate $609,245 (NHPP) & release $702,745 (ACC-NHPP) FFY21. 3). Release $864,142 FFY23 RW phase. 4). Release $2,308,867 (NHPP), $5,101,460 (AC-NHPP) & $3,942,673 (AC-Other) FFY21. 5). Release $3,901,460 (ACC-NHPP) FFY22 & $1,200,000 (ACC-NHPP) FFY23. 6). Obligate $1,851,379 (NHPP), $1,144,699 (HIP), $1,306,517 (NHPP/E), $7,289,000 (HSIP) & $7,909,405 (AC-Other) FFY23 CN phase. 7). Total cost increased from $14,561,500 to $21,860,471

Date Requested 10/17/2022

Primary

UPC **111467**

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 111467

Jurisdiction: Chesterfield County
Route/Street: Route 288
Description: SB Rt 288, WB 360, WB off Ramp, 360 ParkN Ride lot
Scope: Reconstruction w/ Added Capacity
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/31/2017	3/27/2020	Completed
Right of Way (RW):	3/27/2020	8/31/2021	Completed
Construction (CN):	8/31/2021	5/14/2024	Underway

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$21,860,471		

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	NHS/NHPP	$0	$0	$0	$108,613	$0
RW	NHS/NHPP	$0	$609,245	$0	($864,142)	$0
CN	HIP/F	$0	$0	$0	$1,144,699	$0
CN	HSIP	$0	$0	$0	$7,289,000	$0
CN	NHPP/E	$0	$0	$0	$1,306,517	$0
CN	NHS/NHPP	$0	$0	$0	$1,851,379	$0
CN AC	AC OTHER	$0	$0	$0	$7,909,405	$0

Amendments

Amd 37

12/1/2022 Approved 1). Obligate $108,613 (NHPP) FFY23 PE phase. 2). Obligate $609,245 (NHPP) & release $702,745 (ACC-NHPP) FFY21. 3). Release $864,142 FFY23 RW phase. 4). Release $2,308,867 (NHPP), $5,101,460 (AC-NHPP) & $3,942,673 (AC-Other) FFY21. 5). Release $3,901,460 (ACC-NHPP) FFY22 & $1,200,000 (ACC-NHPP) FFY23. 6). Obligate $1,851,379 (NHPP), $1,144,699 (HIP), $1,306,517 (NHPP/E), $7,289,000 (HSIP) & $7,909,405 (AC-Other) FFY23 CN phase. 7). Total cost increased from $14,561,500 to $21,860,471

Date Requested 10/17/2022

Primary

UPC **111467**

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 115202

Jurisdiction: Chesterfield County
Route/Street:
Description: Countywide Sidewalk Plan
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/23/2019	4/22/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$150,000	Fund Source	Obligation
RW:			
CN:			
Total:	$150,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$30,000	$120,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 115534

Jurisdiction: Chesterfield County
Route/Street: 150/Chippenham Parkway
Description: Hopkins/Chippenham IMR
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/23/2019	6/1/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$500,000	Fund Source	Obligation
RW:			
CN:			
Total:	$500,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$100,000	$400,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 118144

Jurisdiction: Chesterfield County
Route/Street: 360/Hull Street Rd
Description: US 360 Superstreets Study
Scope: Preliminary Engineering
From: Winterpock Rd
To: Harbour Point Parkway/Mockingbird Lane
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/3/2021	9/25/2023	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$300,000
RW:	
CN:	
Total:	$300,000

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	RSTP	$60,000	$240,000	$0	$0	$0

Amendments

Amd 18

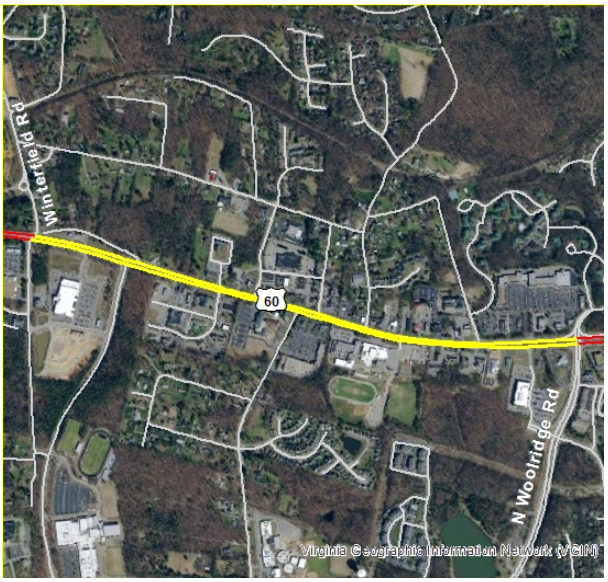
7/1/2021 Approved 1). This is a new project added to the TIP. 2). Add PE phase to FY21 and obligate $240,000 (match $60,000) RSTBG funds.
Date Requested 5/19/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 118145

Jurisdiction: Chesterfield County
Route/Street: 60/Midlothian Tpke
Description: Route 60 Corridor Improvement Study
Scope: Preliminary Engineering
From: Winterfield Rd/LeGordon Drive
To: Old Buckingham Road/Woolrdige Rd
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/3/2021	9/25/2023	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$125,000
RW:	
CN:	
Total:	$125,000

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	RSTP	$25,000	$100,000	$0	$0	$0

Amendments

Amd 19

7/1/2021 Approved 1). This is a new project added to the TIP. 2). Add PE phase to FY21 and obligate $100,000 (match $25,000) RSTBG funds.
Date Requested 5/19/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 118147

Jurisdiction: Goochland County
Route/Street:
Description: IJR - Route 288 (West Creek Area)
Scope: Preliminary Engineering
From: Broad Street Road
To: Tuckahoe Creek Parkway
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $499,900

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	RSTP	$99,980	$0	$399,920	$0	$0

Amendments

Amd 21

10/4/2021 Approved 1). This is a new project added to the TIP. 2). Add PE phase to FY22 and obligate $399,920 RSBG funds (match $99,980).

Date Requested 8/17/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 13551

Jurisdiction: Hanover County
Route/Street: 360/Mechanicsville Turnpike
Description: Rte 360 Widening
Scope: Safety
From: 0.61 MI W Rte 643 (Lee Davis Rd)
To: 0.19 MI E Rte 643 (Lee Davis Rd)
Length: 0.79 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/11/1994	7/18/2007	Completed
Right of Way (RW):	7/18/2007	7/15/2022	Completed
Construction (CN):	7/15/2022	10/15/2024	Underway

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$34,744,037		

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	HIP/F/COVID	$0	$0	$87,627	$0	$0
PE	RSTP	$14,798	$0	$0	$59,191	$0
RW	HIP/F/COVID	$0	$0	$766,166	$0	$0
RW	HIP/U	$34,232	$0	$136,929	$0	$0
RW	RSTP	$81,465	$0	$0	$325,860	$0
CN	HIP/U	$169,009	$0	$676,034	$0	$0
CN	NHS/NHPP	$0	$0	$2,796,886	$0	$0
CN	RSTP	$1,032,962	$0	$3,571,940	$559,909	$0
CN AC	AC OTHER	$0	$0	$11,420,368	$1,965,601	$0

Amendments

Amd 35

12/1/2022 Approved 1). Obligate $87,627 (HIP) FFY22, move $70,102 (RSTP) from FFY22 to FFY23 & release $10,911 PE phase. 2). Obligate $903,095 (HIP) FFY22, move $749,862 (RSTP) from FFY22 to FFY23 & release $424,002 RW phase. 3). Obligate $676,034 (HIP) & an addit'l $961,240 (RSTP) FFY22, Obligate $559,909 (RSTP) & $1,965,601 (AC-Other) FFY23 CN phase. 4). Total cost increased from $29,550,642 to $34,744,037

Date Requested 10/4/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 122295

Jurisdiction: Richmond District-wide
Route/Street:
Description: #I95CIP - Parallel routes operations study
Scope: Traffic Management/Engineering
From: Various
To: Various
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $150,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE AC	AC OTHER	$0	$0	$0	$150,000	$0

Amendments

Amd 38

1/5/2023 Approved 1). This is a new project added to the TIP. 2). Add FY23 PE phase and obligate $150,000 AC Other funds.
Date Requested 11/16/2022

Primary

UPC 13551

Adjustments

Adj 29 2/24/2021 Completed

1). Revise cost from $23,894,526 to $23,952,529. 2). Add CN phase and obligate $3,733,988 AC Conversion funds to FY22; $1,726,864 AC Conversion funds to FY 23; and $2,512,785 AC Conversion funds to FY24. Total match is $1,231,066. 3). Change CN NHS/NHPP funds from FY22 $395,853 (no match) to FY21 $399,946 (no match). 4). Add CN phase to FY21 and obligate $7,973,637 (match $1,231,066) AC funds; and $3,362,821 (no match) AC Other funds. 5). Eliminate RW FY22 $478,490 (match $119,623) AC Conversion funds; CN FY22 $5,061,510 (no match) AC funds and CN FY24 $2,514,550 (no match) AC funds; CN FY24 $2,514,550 AC Conversion funds; CN FY22 $1,344,125 (match $336,031) RSTBG funds; and CN FY22 $3,197,398 (no match) STP/STBG funds.

Date Requested 2/5/2021

Adj 59 6/30/2021 Completed

1). Revise cost from $23,952,529 to $25,822,874. 2). Add PE phase to FY21 and obligate $9,862 NHS/NHPP funds (no match). 3). Add RW phase to FY21 and obligate $881,268 Other funds (no match). 4). Revise CN AC Conversion funds in FY22 from $3,733,988 (match $576,498) to $4,107,707 (match $357,867) and in FY23 from $1,726,864 (match $266,614) to $185,177 (match $16,133). Eliminate FY24 $2,512,785 CN AC Conversion funds (match $387,954). 5). Revise CN FY21 NHS/NHPP funds from $339,946 (no match) to $797,042 (no match). 6). Add $3,430,664 CN RSTBG funds (match $857,666) to FY21. 7). Revise FY21 CN AC funds from $7,973,637 (match $1,231,066) to $4,292,884 (match $374,000). 8). Revise FY21 CN AC Other funds from $3,362,821 (no match) to $4,134,429 (no match).

Date Requested 6/14/2021

Adj 73 4/11/2022 Completed

1). Change cost from $25,822,874 to $29,550,642. 2). Obligate $70,102 FY22 PE STBG funds (match $17,526). 3). Obligate $749,862 FY22 RW STBG funds (match $187,466). 4). Obligate $2,796,886 FY22 CN NHS/NHPP funds (no match). 5). Obligate $2,610,700 FY22 CN STBG funds (match $652,675). 6). Obligate $11,420,368 FY22 CN AC Other funds (no match). 7). Eliminate $9,862 FY21 PE NHS/NHPP funds (no match); $881,268 FY21 RW Other funds (no match); FY21 $4,292,884, FY22 $7,973,637, and FY23 $7,973,637 CN AC funds (total match $374,000); FY22 $4,107,707 and FY23 $185,177 CN AC Conversion funds (match $374,000); FY21 $4,134,429, FY22 $3,362,821, and FY23 $3,362,821 CN AC Other funds (no match); FY21 $797,042, FY22 $339,946, and FY23 $339,946 CN NHS/NHPP funds (no match); and FY21 $3,430,664 CN STBG funds (match $857,666).

Date Requested 3/24/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 111713

Jurisdiction: Chesterfield County
Route/Street: Bailey Bridge Connector
Description: Bailey Br Connector, Brad Mcneer Connector Phase 1
Scope: New Construction Roadway
From: Brad Mc Neer Pkwy
To: Bailey Bridge Road
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note: Corresponding GARVEE Debt Service UPC 111981

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/31/2018	1/20/2022	Completed
Right of Way (RW):	1/20/2022	5/23/2023	Underway
Construction (CN):	5/23/2023	1/23/2025	FFY23

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,630,000
RW:	$9,890,000
CN:	$11,440,000
Total:	$22,960,000

Previous Obligations	
Fund Source	**Obligation**

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	AC	$0	$1,630,000	$0	$0	$0
PE	AC CONVERSION	$0	$0	$408,862	$859,541	$0
RW	AC	$0	$0	$9,890,000	$0	$0
RW	AC CONVERSION	$0	$0	$0	$0	$531,795
CN	AC	$0	$0	$0	$11,440,000	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 111981

Jurisdiction: Chesterfield County
Route/Street:
Description: Bailey Br Connector Phase I, - Garvee Debt Service
Scope:
From:
To:
Length:
Administered By: Locally **Regionally Significant:** TBD
MPO Note: GARVEE Debt Service Related to UPC 111713

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/15/2021	9/15/2037	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$63,737,429		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$6,737,429	$0	$0	$0
PE	AC CONVERSION	$0	$0	$418,223	$743,235	$719,485

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 115193

Jurisdiction: Chesterfield County
Route/Street: 637/Hopkins, Turner, Whitepine
Description: Road Diet Study (Hopkins, Turner, Whitepine)
Scope: Other
From: Various
To:
Length:
Administered By: Locally
Regionally Significant: No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/23/2019	1/27/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$300,000	Fund Source	Obligation
RW:			
CN:			
Total:	$300,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$60,000	$240,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 81667

Jurisdiction: Hanover County
Route/Street: 615/Creighton Road & Cold Harbor Road
Description: Rte 615 (Creighton Rd) - Roundabout
Scope: Reconstruction w/o Added Capacity
From: Cold Harbor Rd - 0.16 MI N Creighton Rd
To: Creighton Rd - 0.07 MI E Cold Harbor Rd
Length: 0.2 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/29/2010	2/8/2013	Completed
Right of Way (RW):	2/8/2013	5/3/2019	Completed
Construction (CN):	5/3/2019	5/29/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,461,187
RW:	$2,147,756
CN:	$4,474,955
Total:	$8,083,898

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
		$0	$0	$0	$0	$0

Adjustments

Adj 19 12/11/2020 Completed

1). Eliminate FY21 PE $29,903 CMAQ funds (match $7,476); FY21 RW -$59,395 CMAQ funds (match -$14,849); FY21 CN $334,584 AC fundds (no match); and FY21 CN $29,492 CMAQ funds (match $7,373).

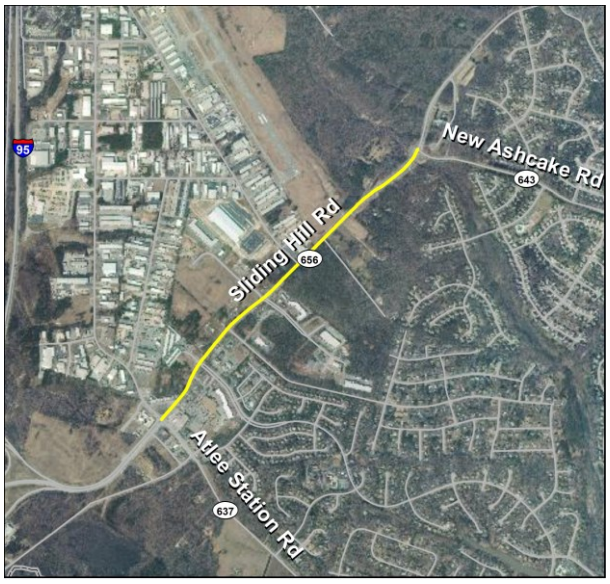
Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 104957

Jurisdiction: Hanover County
Route/Street: 656/Sliding Hill Road
Description: Rte 656 - Sliding Hill Road Corridor
Scope: Reconstruction w/ Added Capacity
From: 0.35 Mi W Rte 1265 (Totopotomoy Trail)
To: 0.676 MI E Rte 1265 (Totopotomoy Trail)
Length: 1.03 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/16/2014	6/13/2017	Completed
Right of Way (RW):	6/13/2017	5/8/2019	Completed
Construction (CN):	5/8/2019	12/24/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$855,038
RW:	$1,571,027
CN:	$8,947,555
Total:	$11,373,620

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$7,282,989	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 109260

Jurisdiction: Hanover County
Route/Street: 627/Pole Green Road
Description: Pole Green Rd Widening
Scope: Preliminary Engineering
From: Bell Creek Road
To: Rural Point Road
Length: 1.580 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/29/2023	6/24/2026	FFY24
Right of Way (RW):	6/24/2026	5/11/2029	FFY26
Construction (CN):	5/11/2029	10/6/2031	FFY29

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$1,600,000
RW:	$4,000,000
CN:	$14,400,000
Total:	$20,000,000

Previous Obligations

Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	AC CONVERSION	$320,000	$1,280,000	$0	$0	$0

Adjustments

Adj 22 12/11/2020 Completed

1. Add PE phase to FY21 and obligate $1,280,000 AC Conversion funds (match $320,000). 2). Eliminate FY24 PE $1,280,000 RSTBG funds (match $320,000).

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 109988

Jurisdiction: Hanover County
Route/Street: 715/Beaver Dam Road
Description: Rte 715 - Bridge Only Over Newfound River
Scope: Bridge Replacement w/ Added Capacity
From: 0.80 MI N of Rte 781
To: 0.90 MI North of Rte 781
Length: 0.1 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/16/2016	3/14/2019	Completed
Right of Way (RW):	3/14/2019	10/13/2020	Completed
Construction (CN):	10/13/2020	11/23/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$1,758,250		

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	NHS/NHPP	$0	$29,530	$0	$0	$0
CN	AC OTHER	$0	$480,793	($36,307)	$0	$0
CN	NHS/NHPP	$0	$244,524	$463,794	$0	$0
CN	STP/STBG	$0	$1,000	$0	$0	$0

Adjustments

Adj 21 12/11/2020 Completed

1). Revise cost from $1,535,758 to $1,758,250. 2). Add CN phase to FY21 and obligate $738,848 NHS/NHPP funds (mo match) and $480,793 AC Other funds (no match). 3). Eliminate FY21 PE $124,554 AC funds (no match); FY21 RW $133,747 AC funds (no match); and FY21 CN $1,014,794 AC funds (no match).

Date Requested 11/5/2020

Adj 58 5/5/2021 Completed

1). Revise cost from $1,535,758 to $1,758,250. 2). Add PE phase to FY21 and obligate $29,530 NHS/NHPP funds (no match). 3). Eliminate FY22 CN $738,848 NHS/NHPP funds (no match) and FY23 CN $738,848 NHS/NHPP funds (no match). 4). Eliminate FY22 CN $480,793 AC Other funds (no match) and FY23 CN $480,793 AC Other funds (no match).

Date Requested 4/26/2021

Secondary

UPC 109988

Adj 76 4/11/2022 Completed

1). Obligate $244,524 CN NHS/NHPP funds (no match) in FY21 and $463,794 CN NHS/NHPP funds (no match) in FY22. 2). Obligate $1,000 CN STP/STBG funds (no match) in FY21. 3). Obligate -$36,307 CN AC Other funs (no match) in FY22. 4). Eliminate $738,848 FY21 CN NHS/NHPP funds (no match).

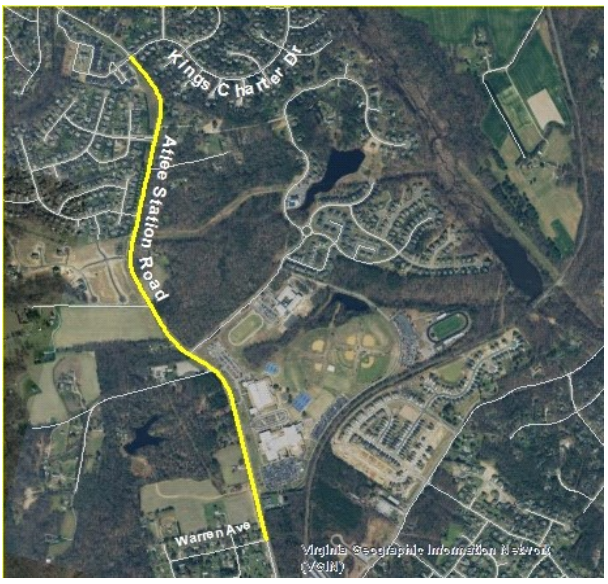
Date Requested 3/28/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 115195

Jurisdiction: Hanover County
Route/Street: 637/Atlee Station Road
Description: Atlee Station Rd Widening
Scope: Reconstruction w/ Added Capacity
From: Warren Avenue
To: Kings Charter Drive
Length: 1.4 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:



Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$2,509,531
RW:	$6,477,000
CN:	$22,542,708
Total:	$31,529,239

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC OTHER	$0	$0	$2,509,531	$0	$0

Adjustments

Adj 66 10/15/2021 Completed

1). Add PE phase to FY22 and obligate $2,509,531 Fed AC Other funds (no match).

Date Requested 10/12/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 50529

Jurisdiction: Henrico County
Route/Street: Three Chopt Road
Description: Three Chopt Road - Widen To 4 Lanes
Scope: Reconstruction w/ Added Capacity
From: 1.076 MI W Int Cox Road
To: 0.241 MI E Int Gaskins Road
Length: 2.174 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):	9/23/2014	11/27/2019	Completed
Construction (CN):	11/27/2019	12/29/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:	$3,768,807		
CN:	$18,884,862		
Total:	$22,653,669		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 60933

Jurisdiction: Henrico County
Route/Street: Dabbs House Road
Description: Dabbs House Rd - Reconstruction
Scope: Reconstruction w/ Added Capacity
From: Int Dabbs House Road And Nine Mile Road
To: 0.075 MI N of Int Dabbs House Rd & E Richmond Rd
Length: 0.892 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/20/2002	6/23/2014	Completed
Right of Way (RW):	6/23/2014	12/3/2019	Completed
Construction (CN):	12/3/2019	6/8/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$2,224,000
RW:	$800,000
CN:	$10,265,743
Total:	$13,289,743

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 60934

Jurisdiction: Henrico County
Route/Street: Sadler Road
Description: Sadler Rd - Widen & Reconstruct
Scope: Reconstruction w/o Added Capacity
From: 0.005 MI W of Dominion Boulevard
To: 0.030 MI E of Cedar Forest Road
Length: 1.883 MI
Administered By: Locally
Regionally Significant: No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/20/2002	2/8/2024	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$3,160,000		
RW:			
CN:			
Total:	$3,160,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 104880

Jurisdiction: Henrico County
Route/Street: Ridgefield Parkway
Description: Ridgefield Pkwy - Construct Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Pump Rd
To: Falconbridge Dr
Length: 1.0 MI
Administered By: Locally
Regionally Significant: No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/16/2014	11/8/2016	Completed
Right of Way (RW):	11/8/2016	2/28/2020	Completed
Construction (CN):	2/28/2020	9/22/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$215,000
RW:	$62,294
CN:	$894,716
Total:	$1,172,010

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$291,281	$0	$0	$0
CN	CMAQ	$120,687	$482,748	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 110911

Jurisdiction: Henrico County
Route/Street: Richmond-Henrico Turnpike
Description: Richmond-Henrico Tpke - North Segment
Scope: Reconstruction w/ Added Capacity
From: Hummingbird Rd
To: 0.69 Mi North of Azalea Avenue
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/27/2017	2/23/2021	Completed
Right of Way (RW):	2/23/2021	11/8/2022	Completed
Construction (CN):	11/8/2022	12/20/2024	Underway

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,093,000
RW:	$2,218,000
CN:	$8,114,000
Total:	$11,425,000

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

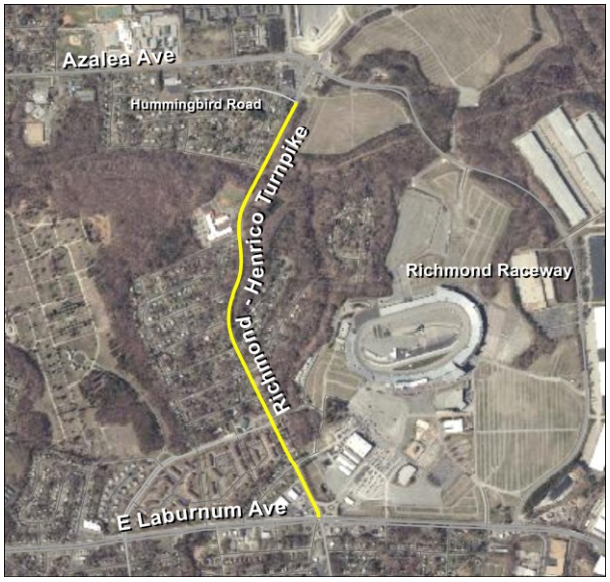
			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$1,093,000	$0	$0	$0
RW	AC	$0	$2,218,000	$0	$0	$0
CN	AC	$0	$0	$0	$8,114,000	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 111716

Jurisdiction: Henrico County
Route/Street: Richmond-Henrico Turnpike
Description: Richmond-Henrico Turnpike - South Segment
Scope: Reconstruction w/ Added Capacity
From: Laburnum Avenue
To: Hummingbird Rd
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/27/2017	2/23/2021	Completed
Right of Way (RW):	2/23/2021	11/8/2022	Completed
Construction (CN):	11/8/2022	12/20/2024	Underway

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,645,000
RW:	$4,484,000
CN:	$12,513,000
Total:	$18,642,000

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC CONVERSION	$0	$1,479,174	$0	$165,826	$0
RW	AC	$0	$4,484,000	$0	$0	$0
RW	AC CONVERSION	$0	$0	$1,866,522	$0	$0
CN	AC	$0	$0	$0	$12,513,000	$0

Adjustments

Adj 102 10/6/2022 Completed

1.) Move $366,522 (ACCSTP/STBG) from FFY23 to FFY21 & add an addit'l $1,112,652 PE phase. 2.) Add $1,866,522 (ACC-STP/STBG) FFY22 RW phase. 3.) Remove $1,645,000 AC FFY21 PE phase.

Date Requested 9/26/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 115001

Jurisdiction: Henrico County
Route/Street: Parham Road
Description: Parham Road/Hungary Road Bike/Ped Study
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/12/2019	4/22/2021	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$250,000		
RW:			
CN:			
Total:	$250,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 101246

Jurisdiction: Powhatan County
Route/Street: 681/Clement Town Road
Description: Route 681 - Bridge repair (SCOUR) over Appomattox River
Scope: Bridge Replacement w/o Added Capacity
From:
To:
Length: 0.27 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $2,036,495

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	BR	$0	($259,875)	$0	$0	$0
PE	OTHER	$0	$1,292	$0	$0	$0
CN	AC OTHER	$0	$559,070	($1,292)	$0	$0
CN	BR	$0	$0	$259,875	$0	$0

Amendments

Amd 36

12/1/2022 Approved 1). This is a new project added to the TIP due to RRTPO area change. 2). Add FY21 PE phase and obligate ($259,875) BR funds, and $1,292 Other funds. 3). Add FY21 CN phase and obligate $559,070 AC Other funds. 4). Add FY22 CN phase and obligate $259,875 BR funds and ($1,292) AC Other funds.

Date Requested 10/7/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 8651

Jurisdiction: Ashland
Route/Street: 1/Route 1
Description: Rte 1 - Widen To 6 Lanes
Scope: Reconstruction w/ Added Capacity
From: 0.008 MI N of Ashcake Road
To: 0.015 MI S of Pleasant Road
Length: 0.424 MI
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/25/1989	7/31/2020	Completed
Right of Way (RW):	7/31/2020	10/25/2021	Completed
Construction (CN):	10/25/2021	7/25/2023	Underway

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$478,068
RW:	$18,570
CN:	$0
Total:	$496,638

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$478,068	$0	$0	$0
RW	AC	$0	$18,570	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 121681

Jurisdiction: Henrico County
Route/Street: Meadow Road
Description: Replace bridge on Meadow Road over Boar Swamp
Scope: Bridge Rehab w/o Added Capacity
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates
PE:
RW:
CN:
Total: $2,181,266

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	BR	$0	$0	$0	$242,960	$0

Amendments

Amd 39

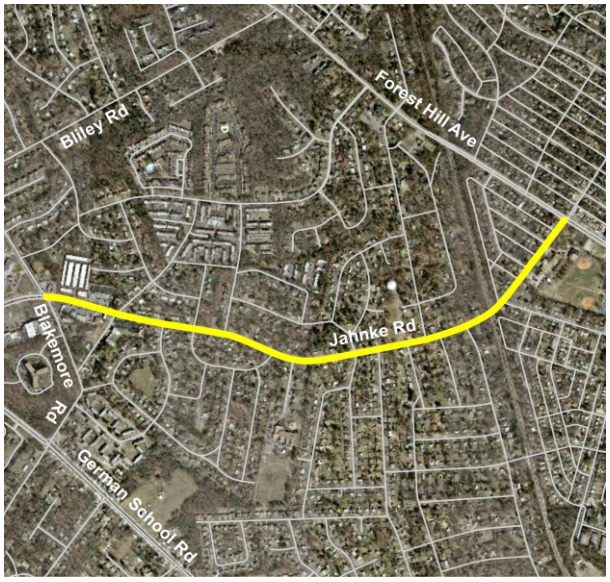
1/5/2023 Approved 1). This is a new project added to the TIP. 2). Add FY23 PE phase and obligate $242,960 Bridge funds.
Date Requested 11/17/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 19035

Jurisdiction: Richmond
Route/Street: Jahnke Road
Description: Jahnke Road - 2 Lane Improvements
Scope: Reconstruction w/o Added Capacity
From: Blakemore Rd
To: Forest Hill Ave
Length: 1.6 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	5/28/2004	7/29/2011	Completed
Right of Way (RW):	7/29/2011	1/31/2020	Completed
Construction (CN):	1/31/2020	12/20/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$2,000,000
RW:	$1,500,000
CN:	$11,579,805
Total:	$15,079,805

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
RW	RSTP	($100,000)	($400,000)	$0	$0	$0
CN	AC	$0	$1,051,130	$0	$0	$0
CN	RSTP	$100,000	$400,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 19036

Jurisdiction: Richmond
Route/Street: Forest Hill Avenue
Description: Forest Hill Avenue Improvements
Scope: Reconstruction w/o Added Capacity
From: Hathaway Rd
To: Powhite Parkway
Length: 0.74 MI
Administered By: Locally
Regionally Significant: Yes
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/12/2004	9/6/2013	Completed
Right of Way (RW):	9/6/2013	2/15/2018	Completed
Construction (CN):	2/15/2018	6/15/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,997,037
RW:	$2,024,508
CN:	$8,679,411
Total:	$12,700,956

Previous Obligations

Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

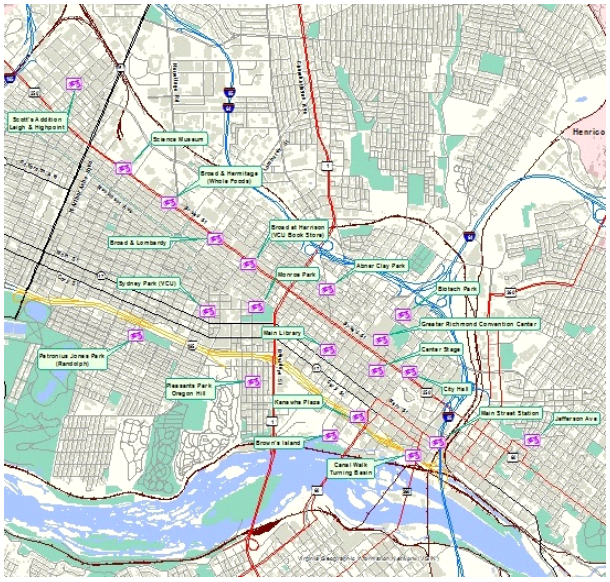
			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
CN	AC	$0	$364,200	$0	$0	$0
CN	RSTP	$2,250	$9,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 105889

Jurisdiction: Richmond
Route/Street:
Description: Bike Share System - Citywide
Scope: Facilities for Pedestrians and Bicycles
From: Various Locations
To: Various Locations
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/16/2015	5/17/2015	Completed
Right of Way (RW):			
Construction (CN):	5/17/2015	6/30/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$8,535		
RW:			
CN:	$2,991,465		
Total:	$3,000,000		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 115222

Jurisdiction: Richmond
Route/Street:
Description: Arthur Ashe Park and Ride Bus Purchase
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	11/21/2019	4/8/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$59,320		
Total:	$59,320		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 107535

Jurisdiction: Henrico County
Route/Street:
Description: Dorey Park - Shared-Use Path
Scope: Facilities for Pedestrians and Bicycles
From: 1.0 Mi S of the Int of Darbytown Rd And Dorey Pk
To: 0.1 MI S of the Int of Darbytown Rd And Dorey Pk
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/7/2017	5/22/2019	Completed
Right of Way (RW):			
Construction (CN):	5/22/2019	12/15/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$53,281
RW:	
CN:	$231,144
Total:	$284,425

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 110968

Jurisdiction: Henrico County
Route/Street:
Description: Four Mile Creek VCT Improvements
Scope: Facilities for Pedestrians and Bicycles
From: 0.1 Mi E of Farmer's Circle Drive
To: 0.1 Mi W of Farmer'S Circle Drive
Length: 0.2 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/9/2018	4/8/2020	Completed
Right of Way (RW):			
Construction (CN):	4/8/2020	5/26/2023	Underway

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	**Obligation**
PE:			
RW:			
CN:			
Total:	$948,579		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	TAP/F	$400	$1,600	$0	$0	$0
CN	AC OTHER	$0	$0	$100,846	$0	$0
CN	TAP/F	$133,775	$0	$535,098	$0	$0

Adjustments

Adj 26 1/12/2021 Completed

1). Revise cost from $847,733 to $948,579. 2). Add PE phase to FY21 and obligate $1,600 TAP/F funds (match $400). 3). Add CN phase to FY21 and obligate $535,098 TAP/F funds (match $133,775) and $100,846 CN AC Other funds (no match).

Date Requested 1/4/2021

Adj 103 10/6/2022 Completed

1.) Move $535,098 (TAP) from FFY21 to FFY22, move $100,846 (AC-Other) from FFY21 to FFY22 CN phase.

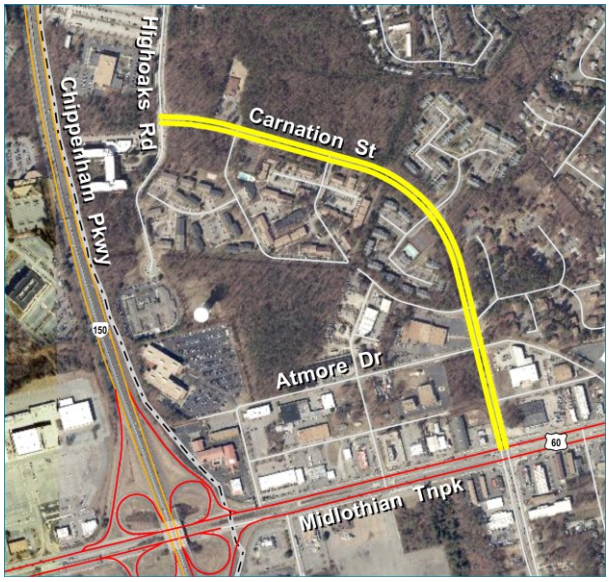
Date Requested 9/28/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 107515

Jurisdiction: Richmond
Route/Street: Carnation Street
Description: Carnation Street - Add Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Rte 60 (Midlothian Tpke)
To: Hioaks Rd
Length:
Administered By: Locally
Regionally Significant: No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	4/23/2018	3/25/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$655,625		
Total:	$655,625		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$55,625	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC T203

Jurisdiction: Richmond
Route/Street: RideFinders
Description: Regionwide Air Pollution Reduction Program
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/15/2030	9/30/2035	FFY30
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	**Obligation**
PE:			
RW:			
CN:			
Total:	$15,153,187		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
State	$101,900	$101,800	$101,800	$101,800
CMAQ	$407,600	$407,200	$407,200	$407,200

Adjustments

Adj 57 5/5/2021 Completed

1). Revise cost from $16,171,219 to $15,153,187. 2). Add PE phase to FY21 and obligate $407,600 CMAQ funds (match $101,900).

Date Requested 4/26/2021

Adj 61 6/30/2021 Completed

1). Add $407,200 (match $101,800) CMAQ funds to FY22; $407,200 (match $101,800) CMAQ funds to FY23; and $407,200 (match $101,800) CMAQ funds to FY24.

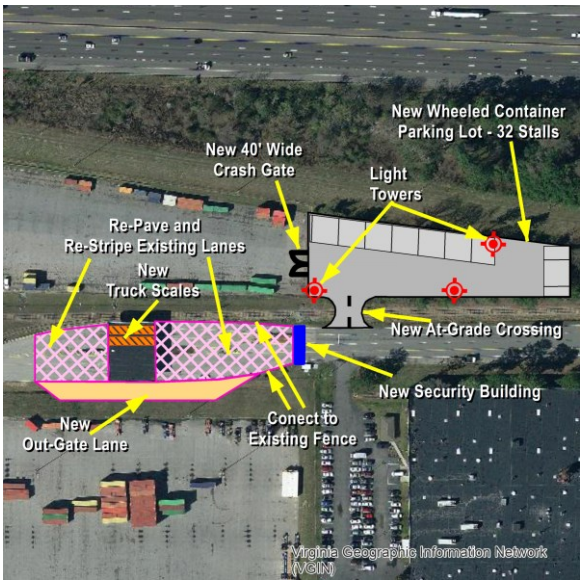
Date Requested 6/14/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 113832

Jurisdiction: Richmond
Route/Street: RMT Terminal
Description: RMT Gate Improvements & New Drop-Off Lot
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/6/2018	2/4/2020	Completed
Right of Way (RW):	2/4/2020	1/26/2021	Completed
Construction (CN):	1/26/2021	6/7/2022	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	$0
Total:	$3,378,607

Previous Obligations	
Fund Source	Obligation

Goals addressed

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

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$11,234	$0	$44,936	$0	$0
CN	AC OTHER	$0	$0	$2	$0	$0
CN	RSTP	$564,487	$0	$2,257,948	$0	$0

Adjustments

Adj 70 3/25/2022 Completed

1). Change cost from $2,550,000 to $3,378,607. 2). Add PE phase to FY22 and obligate $44,936 (match $11,234) STBG funds. 3). Obligate $2,257,948 (match $564,487) CN RSBG funds in FY22. 4). Obligate $2 (no match) CN AC Other funds in FY22. 4). Eliminate FY21 $334,051 CN AC funds (no match). 5). Eliminate FY21 $1,372,759 (match $343,190) CN STBG funds.

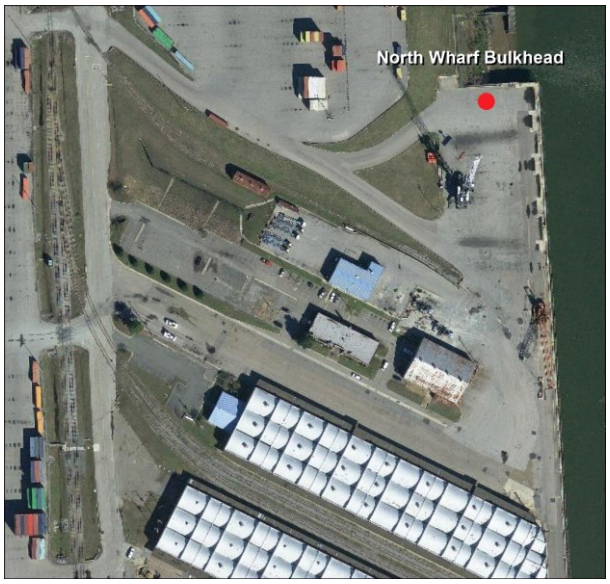
Date Requested 3/23/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 114631

Jurisdiction: Richmond
Route/Street:
Description: RMT - Emergency Bulkhead Reapair
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/20/2019	8/24/2020	Completed
Right of Way (RW):			
Construction (CN):	8/24/2020	1/10/2022	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$988,986		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$1,397	$5,589	$0	$0	$0

Adjustments

Adj 23 12/11/2020 Completed

1). Revise cost from $992,000 to $982,000. 2). Eliminate FY21 CN $8,000 AC funds (no match).

Date Requested 11/5/2020

Adj 56 4/14/2021 Completed

1). Revise cost from $992,000 to $988,986. 2). Add PE phase to FY21 and obligate $5,589 RSTBG funds (match $1,397).

Date Requested 4/5/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 115815

Jurisdiction: Richmond
Route/Street: Rmt Terminal
Description: I-64 Express Barge Service Expansion
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	2/29/2024	8/20/2025	FFY24

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$3,000,000		
Total:	$3,000,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**Yes**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	CMAQ	$600,000	$0	$0	$0	$2,400,000

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 115818

Jurisdiction: Richmond
Route/Street: RideFinders
Description: Cash For Carpool Incentive Program
Scope: Transit
From: Various
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	2/24/2020	3/24/2022	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	**Obligation**
PE:			
RW:			
CN:	$135,000		
Total:	$135,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	CMAQ	$27,000	$108,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 118148

Jurisdiction: Richmond
Route/Street:
Description: Richmond Signal System - Phase IV
Scope: Safety
From: Various
To: Various
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:
RW:
CN:
Total: $5,488,000

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	**Fund Source**	**Match**	**FY21**	**FY22**	**FY23**	**FY24**
PE	AC	$140,000	$0	$560,000	$0	$0
PE	AC CONVERSION	$140,000	$0	$0	$560,000	$0
PE	CM	$118,600	$0	$474,400	$0	$0

Amendments

Amd 25

7/7/2022 Approved 1). This is a new project added to the TIP. 2). Add PE phase to FY22 and obligate $474,400 CMAQ funds (match $118,600), and $560,000 AC funds (match$140,000). 3). Add PE phase to FY23 and obligate $560,000 AC Conversion funds (match $140,000).

Date Requested 3/31/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CAA0001

Jurisdiction: DRPT
Route/Street: Capital Area Agency on Aging, Senior Connections
Description: Operating Assistance
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$133,000	$237,000	$60,000	$60,000
State	$106,000	$12,000	$48,000	$48,000
Local	$27,000	$3,000	$12,000	$12,000

Adjustments

Adj 1 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $166,000 to $133,000. 2). Revise FY21 State match funds from $158,000 to $106,000. 3). Revise FY21 local match funds from $8,000 to $27,000.

Date Requested 9/17/2020

Adj 46 3/24/2021 Completed

1). Obligate $222,000 FTA Sec 5310 funds to FY22. 2). Eliminate FY22 $133,000 FTA Sec 5310 funds; and FY23 $133,000 FTA Sec 5310 funds. 3). Eliminate FY22 $106,000 State match; and FY23 $106,000 State match. 4). Eliminate FY22 $27,000 local match; and FY23 $27,000 local match.

Date Requested 3/15/2021

Public Transportation

UPC CAA0001

Adj 78 4/27/2022 Completed

1). Change FY22 FTA 5310 funds from $222,000 to $237,000, and add $12,000 stae match and local match $3,000 to FY22. 2). Obligate $60,000 FTA 5310 funds (state match $48,000 and local match $12,000) in FY23. 3). Obligate $60,000 FTA 5310 funds (state match $48,000 and local match $12,000) in FY24.

Date Requested 4/20/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CAA0002

Jurisdiction: DRPT
Route/Street: Capital Area Agency on Aging, Senior Connections
Description: Mobility Management
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$53,000	$247,000	$172,000	$172,000
State	$11,000	$34,000	$34,000	$34,000
Local	$2,000	$9,000	$9,000	$9,000

Adjustments

Adj 2 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $82,000 to $53,000. 2). Revise FY21 State match funds from $17,000 to $11,000. 3). Revise FY21 local match funds from $4,000 to $2,000.

Date Requested 9/17/2020

Adj 47 3/24/2021 Completed

1). Obligate $76,000 FTA Sec 5310 funds to FY22. 2). Eliminate FY22 $53,000 FTA Sec 5310 funds; and FY23 $53,000 FTA Sec 5310 funds. 3). Eliminate FY22 $11,000 State match; and FY23 $11,000 State match. 4). Eliminate FY22 $2,000 local match; and FY23 $2,000 local match.

Date Requested 3/15/2021

Public Transportation

UPC CAA0002

Adj 79 4/27/2022 Completed

1). Change FY22 FTA 5310 funds from $76,000 to $247,000, and add state match $34,000 and local match $9,000 to FY22. 2). Obligate $172,000 FTA 5310 funds (state match $34,000 and local match $9,000) in FY23. 3). Obligate $172,000 FTA 5310 funds (state match $34,000 and local match $9,000) in FY24.

Date Requested 4/20/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CBI0001

Jurisdiction: DRPT
Route/Street:
Description: Paratransit Vehicle
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$65,000	$0	$0

Amendments

Amd 15

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate 65,000 FTA Section 5310 funds (100% Fed) to FY22.
Date Requested 3/15/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CHS0001

Jurisdiction: DRPT
Route/Street: Chesterfield Mental Health Support Services
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$302,000	$120,000	$120,000
Local	$0	$27,000	$30,000	$30,000

Adjustments

Adj 3 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $104,000 to $0. 2). Revise local match funds from $26,000 to $0.

Date Requested 9/17/2020

Adj 48 3/24/2021 Completed

1). Obligate $195,000 FTA Sec 5310 funds to FY22.

Date Requested 3/15/2021

Adj 80 4/27/2022 Completed

1). Change FY22 FTA 5310 funds from $195,000 to $302,000 and add $27,000 local match to FY22. 2). Obligate $120,000 FTA 5310 funds (local match $30,000) in FY23. 3). Obligate $120,000 FTA 5310 funds (local match $30,000) in FY24.

Date Requested 4/20/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CHS0002

Jurisdiction: DRPT
Route/Street: Chesterfield Mental Health Support Services
Description: Mobility Management
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$0	$0	$0
State	$0	$0	$0	$0
Local	$0	$0	$0	$0

Adjustments

Adj 4 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $24,000 to $0. 2). Revise FY21 State match funds from $5,000 to $0. 3). Revise FY21 local match funds from $1,000 to $0.

Date Requested 9/17/2020

Adj 81 4/27/2022 Completed

1). Obligate $400,000 FTA 5310 funds (state match $80,000 and local match $20,000) in FY22. 2). Obligate $400,000 FTA 5310 funds (state match $80,000 and local match $20,000) in FY23. 3). Obligate $400,000 FTA 5310 funds (state match $80,000 and local match $20,000) in FY24.

Date Requested 4/20/2022

Public Transportation

UPC CHS0002

Adj 86 5/4/2022 Completed

1). Eliminate FY22 $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000). 2).Eliminate FY23 $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000). 3). Eliminate FY24 $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000).

Date Requested 4/27/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC **CHS0003**

Jurisdiction: DRPT
Route/Street: Chesterfield County Citizens Information & Services
Description: Operating Assistance
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$114,000	$105,000	$30,000	$30,000
State	$91,000	$6,000	$24,000	$24,000
Local	$23,000	$1,000	$6,000	$6,000

Adjustments

Adj 5 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $100,000 to $114,000. 2). Revise FY21 State match funds from $80,000 to $91,000. 3). Revise FY21 local match funds from $20,000 to $23,000.

Date Requested 9/17/2020

Adj 49 3/24/2021 Completed

1). Obligate $98,000 FTA Sec 5310 funds to FY22. 2). Eliminate FY22 $114,000 FTA Sec 5310 funds; and FY23 $114,000 FTA Sec 5310 funds. 3). Eliminate FY22 $91,000 State match; and FY23 $91,000 State match. 4). Eliminate FY22 $23,000 local match; and FY23 $23,000 local match.

Date Requested 3/15/2021

Public Transportation

UPC CHS0003

Adj 82 4/27/2022 Completed

1). Change FY22 FTA 5310 funds from $98,000 to $105,000, and add state match $6,000 and local match $1,000 to FY22. 2). Obligate $30,000 FTA 5310 funds (state match $24,000 and local match $6,000) in FY23. 3). Obligate $30,000 FTA 5310 funds (state match $24,000 and local match $6,000) in FY24.

Date Requested 4/20/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC CHS0004

Jurisdiction: DRPT
Route/Street:
Description: Capital Cost of Contracting
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$400,000	$400,000	$400,000
State	$0	$80,000	$80,000	$80,000
Local	$0	$20,000	$20,000	$20,000

Amendments

Amd 23

7/7/2022 Approved 1). This is a new project added to the TIP. 2). Obligate $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000) in FY22; $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000) in FY23; and $400,000 FTA Sec 5310 funds (state match $80,000 and local match $20,000) in FY24.

Date Requested 4/27/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GCS0001

Jurisdiction: DRPT
Route/Street: Goochland Cares
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$0	$0	$0
Local	$0	$0	$0	$0

Adjustments

Adj 6 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $40,000 to $0. 2). Revise FY21 local match funds from $10,000 to $0.

Date Requested 9/17/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC HCS0001

Jurisdiction: DRPT
Route/Street: Hanover County
Description: Operating Assistance
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$94,000	$230,000	$35,000	$35,000
State	$75,000	$4,000	$28,000	$28,000
Local	$18,000	$1,000	$7,000	$7,000

Adjustments

Adj 7 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $82,000 to $94,000. 2). Revise FY21 State match funds from $65,000 to $75,000. 3). Revise FY21 local match funds from $16,000 to $18,000.

Date Requested 9/17/2020

Adj 50 3/24/2021 Completed

1). Obligate $225,000 FTA Sec 5310 funds to FY22. 2). Eliminate FY22 $94,000 FTA Sec 5310 funds; and FY23 $94,000 FTA Sec 5310 funds. 3). Eliminate FY22 $75,000 State match; and FY23 $75,000 State match. 4). Eliminate $18,000 local match; and FY23 $18,000 local match.

Date Requested 3/15/2021

Public Transportation

UPC HCS0001

Adj 83 4/27/2022 Completed

1). Chage FY22 FTA 5310 funds from $225,000 to $230,000. 2). Add stae match $4,000 and local match $1,000 to FY22.

Date Requested 4/20/2022

Adj 85 5/4/2022 Completed

1). Obligate $35,000 FTA Sec 5310 funds (state match $28,000 and local match $7,000) in FY23. 2). Obligate $35,000 FTA Sec 5310 funds (state match $28,000 and local match $7,000) in FY24.

Date Requested 4/29/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC HCS0002

Jurisdiction: DRPT
Route/Street:
Description: Capital Cost of Contracting
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$557,000	$600,000	$600,000
State	$0	$111,000	$120,000	$120,000
Local	$0	$28,000	$30,000	$30,000

Amendments

Amd 24

7/7/2022 Approved 1). This is a new project added to the TIP. 2). Obligate $557,000 FTA Sec 5310 funds (state match $111,000 and local match $28,000) in FY22; $600,000 FTA Sec 5310 funds (state match $120,000 and local match $30,000) in FY23; and $600,000 FTA Sec 5310 funds (state match $120,000 and local match $30,000) in FY24.

Date Requested 4/27/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC HHI0001

Jurisdiction: DRPT
Route/Street:
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	Congestion	Environment
Freight	Landuse	Maintenance
Safety	Reliability	Multimodal

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$0	$130,000	$0	$0

Amendments

Amd 16

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate $130,000 FTA Section 5310 funds (100% Fed) to FY22.

Date Requested 3/15/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC SJV0001

Jurisdiction: DRPT
Route/Street: St. Joseph's Villa
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$104,000	$65,000	$0	$0
Local	$26,000	$0	$0	$0

Adjustments

Adj 8 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $80,000 to $104,000. 2). Revise FY21 local match funds from $20,000 to $26,000.

Date Requested 9/17/2020

Adj 51 3/24/2021 Completed

1). Obligate $65,000 FTA Sec 5310 funds to FY22. 2). Eliminate FY22 $104,000 FTA Sec 5310 funds; and FY23 $104,000 FTA Sec 5310 funds. 3). Eliminate FY22 $26,000 local match; and FY23 $26,000 local match.

Date Requested 3/15/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC SOAR001

Jurisdiction: DRPT
Route/Street: SOAR 365
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$144,000	$0	$0	$0
Local	$36,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC060

Jurisdiction: GRTC
Route/Street:
Description: Mobility Management
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5310	$71,000	$71,000	$65,298	$0
State	$14,000	$14,000	$13,060	$0
Local	$4,000	$4,000	$3,265	$0

Adjustments

Adj 9 10/19/2020 Completed

1). Revise FY21 Sec 5310 funds from $120,000 to $71,000. 2). Revise FY21 State match funds from $24,000 to $14,000. 3). Revise FY21 local match funds from $6,000 to $4,000.

Date Requested 9/17/2020

Adj 84 4/27/2022 Completed

1). Obligate $65,000 FTA Sec 5310 funds (state match $13,000 and local match $3,000) in FY22. 2). Obligate $68,000 FTA Sec 5310 funds (state match $14,000 and local match $3,000) in FY23. 3). Obligate $68,000 FTA Sec 5310 funds (state match $14,000 and local match $3,000) in FY24.

Date Requested 4/20/2022

Public Transportation

UPC GRTC060

Adj 97 9/1/2022 Completed

1). Revise FTA 5310 funds from $65,000 to $71,000 in FY22, from $68,000 to $65,298 in FY23 and from $68,000 to $0 in FY24. 2). Revise State funds from $13,000 to $14,000 in FY22, from $14,000 to $13,600 in FY23 and from $14,000 to $0 in FY24. 3). Revise Local funds from $3,000 to $4,000 in FY22, from $3,000 to $3,265 in FY23, and from $3,000 to $0 in FY24.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC003

Jurisdiction: GRTC
Route/Street:
Description: Preventive Maintenance
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$6,000,000	$0	$0	$6,650,000
Local	$1,500,000	$0	$0	$1,662,500

Amendments

Amd 26

10/6/2022 Approved 1). Revise FTA 5307 funds from $6,000,000 to $0 in FY22, and FY23 and from $6,000,000 to $6,650,000 in FY24. 2). Revise Local funds from $1,500,000 to $0 in FY22, and FY23 and from $1,500,000 to $1,662,500 in FY24.

Date Requested 8/16/2022

Adjustments

Adj 33 3/23/2021 Completed

1). Obligate $6,000,000 FTA Sec 5307 funds to FY21; $6,000,000 FTA Sec 5307 funds to FY22; and $6,000,000 FTA Sec 5307 funds to FY24. 2). Obligate $1,500,000 local match to FY21; $1,500,000 local match to FY22; and $1,500,000 local match to FY24. 3). Eliminate FY21 $5,600,000 FTA Sec 5307 funds; and FY22 $5,760,000 FTA Sec 5307 funds. 4). Eliminate FY21 $1,400,000 local match; and FY22 $1,440,000 local match.

Public Transportation

UPC GRTC003

Date Requested 3/9/2012

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC004

Jurisdiction: GRTC
Route/Street: Greater Richmond Transit Company
Description: Replacement Rolling Stock
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$1,473,606	$0	$1,344,000
FTA 5339	$0	$2,882,757	$10,032,000	$0
State	$0	$11,068,050	$2,006,400	$3,264,000
Local	$0	$622,338	$501,600	$192,000
CMAQ	$0	$1,953,249	$0	$0

Adjustments

Adj 34 3/23/2021 Completed

1). Obligate $1,473,606 FTA Sec 5307 funds to FY22; $3,528,000 FTA Sec 5307 funds to FY23; and $3,024,000 FTA Sec 5307 funds to FY24. 2). Obligate $2,882,757 FTA Sec 5339 funds to FY22. 3). Obligate $1,953,249 CMAQ funds to FY22. NOTE: CMAQ funds from UPC #T20113 and #109362. 4). Obligate $11,068,050 State match to FY22; $8,568,000 State match to FY23; and $7,344,000 State match to FY24. 5). Obligate $622,338 local match to FY22; $504,000 local match to FY23; and $432,000 local match to FY24. 6). Eliminate FY21 $1,153,600 FTA Sec 5307 funds; and FY22 $3,256,400 FTA Sec 5307 funds. 7). Eliminate FY21 $2,801,600 State match; and FY22 $7,908,400 State match. 8). Eliminate FY21 $164,800 local match; and FY22 $465,200 local match.

Date Requested 3/9/2021

Public Transportation

UPC GRTC004

Adj 91 9/1/2022 Completed

1). Revise FTA 5307 funds from $3,528,000 to $0 in FY23, and $3,024,000 to $1,344,000 in FY24. 2). Revise FTA 5339 funds from $0 to $ 10,032,000 in FY23. 3). Revise State funds from $8,568,000 to $2,006,400 in FY23 and from $7,344,000 to $3,264,000 in FY24. 4). Revise Local funds from $504,000 to $501,600 in FY23 and from $432,000 to $192,000 in FY24.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC005

Jurisdiction: GRTC
Route/Street:
Description: Bus Stop Amenities
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:**
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$70,000	$0	$267,080	$28,000
FTA 5339	$0	$0	$1,402,578	$0
State	$170,000	$0	$3,753,260	$68,000
Local	$10,000	$0	$251,388	$4,000

Amendments

Amd 41

2/2/2023 Approved 1). Obligate $1,402,578 FTA 5339 funds in FY23. 2). Revise State funds from $347,000 to $3,753,260, and Local funds from $51,020 to $251,388 in FY23.

Date Requested 12/19/2022

Adjustments

Adj 35 3/23/2021 Completed

1). Obligate $70,000 FTA Sec 5307 funds to FY21; $142,800 FTA Sec 5307 funds to FY22; $56,000 FTA Sec 5307 funds to FY23; and $56,000 FTA Sec 5307 funds to FY24. 2). Obligate $170,000 State match to FY21; $346,800 State match to FY22; $136,000 State match to FY23; and $136,000 State match to FY24. 3). Obligate $10,000 local match to FY21; $20,400 local match to FY22; $8,000

Public Transportation

UPC GRTC005

local match to FY23; and $8,000 local match to FY24. 4). Eliminate FY21 $119,280 FTA Sec 5307 funds; FY22 $100,800 FTA Sec 5307 funds; and FY23 $100,800 FTA Sec 5307 funds. 5). Eliminate FY21 $289,680 State match; FY22 $244,800 State match; and FY23 $244,800 State match. 6). Eliminate FY21 $17,040 local match; FY22 $14,400 local match; and FY23 $14,400 local match.

Date Requested 3/9/2021

Adj 92 9/1/2022 Completed

1). Revise FTA 5307 funds from $56,000 to $53,880 in FY23, and $56,000 to $28,000 in FY24. 2). Revise State funds from $136,000 to $91,800 in FY23 and from $136,000 to $68,000 in FY24. 4). Revise Local funds from $8,000 to $9,420 in FY23 and from $8,000 to $4,000 in FY24.

Date Requested 8/16/2022

Adj 105 12/7/2022 Completed

1). Remove $142,800 FTA 5307 funds, $346,800 State funds and $20,400 Local funds in FY22. 2). Obligate $213,200 FTA 5307 funds, $255,200 State funds, and $41,600 Local funds in FY23.

Date Requested 12/5/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC008

Jurisdiction: GRTC
Route/Street:
Description: Paratransit Vehicles
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$0	$0	$740,600
State	$0	$0	$0	$1,798,600
Local	$0	$0	$0	$105,800

Amendments

Amd 27

10/6/2022 Approved 1). Revise FTA 5307 funds from $772,800 to $0 in FY23, and $772,800 to $740,600 in FY24. 2). Revise State funds from $1,876,800 to $0 in FY23 and from $1,876,800 to $1,798,600 in FY24. 4). Revise Local funds from $110,400 to $0 in FY23 and from $110,400 to $105,800 in FY24.

Date Requested 8/16/2022

Adjustments

Adj 36 3/23/2021 Completed

1). Obligate $772,800 FTA Sec 5307 funds to FY23; and $772,800 FTA Sec 5307 funds to FY24. 2). Obligate $1,876,800 State match to FY23; and $1,876,800 State match to FY24. 3). Obligate $110,400 local match to FY23; and $110,400 local match to FY24. 4). Eliminate FY21 $1,501,947 FTA Sec 5307 funds; FY22 $1,342,880 FTA Sec 5307 funds; and FY23 $1,342,,000 FTA Sec 5307 funds. 5).

Public Transportation

UPC GRTC008

Eliminate FY21 $3,650,000 State match; FY22 $3,270,000 State match; and FY23 $3,270,000 State match. 6). Eliminate FY21 $215,000 local match; FY22 $200,000 local match; and FY23 $200,000 local match.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC031

Jurisdiction: GRTC
Route/Street:
Description: Security/Surveillance Equipment
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$120,000	$42,000	$120,000	$168,000
State	$0	$102,000	$0	$408,000
Local	$30,000	$6,000	$30,000	$24,000

Adjustments

Adj 37 3/23/2021 Completed

1). Obligate $120,000 FTA Sec 5307 funds to FY21; $42,000 FTA Sec 5307 funds to FY22; $42,000 FTA Sec 5307 funds to FY23; and $42,000 FTA Sec 5307 funds to FY24. 2). Obligate $102,000 State match to FY22; $102,000 State match to FY23; and $102,000 State match to FY24. 3). Obligate $30,000 local match to FY21; 6,000 local match to FY22; $6,000 local match to FY23; and $6,000 local match to FY24. 4). Eliminate FY21 $255,000 FTA Sec 5307 funds; FY22 $140,000 FTA Sec 5307 funds; and FY23 $140,000 FTA Sec 5307 funds. 5). Eliminate FY21 $619,286 State match; FY22 $340,000 State match; and FY23 $340,000 State match. 6). Eliminate FY21 $36,429 local match; FY22 $20,000 local match; and FY23 $20,000 local match.

Date Requested 3/9/2021

Public Transportation

UPC GRTC031

Adj 67 11/10/2021 Completed

1). Change FY22 FTA Sec 5307 from $42,000 to $120,000. 2). Eliminate FY22 $102,000 State match. 3). Change FY22 local match from $6,000 to $30,000.

Date Requested 11/3/2021

Adj 93 9/1/2022 Completed

1). Revise FTA 5307 funds from $120,000 to $42,000 in FY22, from $42,000 to $120,000 in FY23 and from $42,000 to $168,000 in FY24. 2). Revise State funds from $0 to $102,000 in FY22 from $102,000 to $0 in FY23 and from $102,000 to $408,000 in FY24. 3). Revise Local funds from $30,000 to $6,000 in FY22, from $6,000 to $30,000 in FY23 and from $6,000 to $24,000 in FY24.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC032

Jurisdiction: GRTC
Route/Street:
Description: Acquire Maintenance Equipment
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$196,000	$243,208	$155,400
State	$0	$476,000	$590,648	$377,400
Local	$0	$28,000	$34,744	$22,200

Adjustments

Adj 38 3/23/2021 Completed

1). Obligate $196,000 FTA Sec 5307 funds to FY22; $84,000 FTA Sec 5307 funds to FY23; and $84,000 FTA Sec 5307 funds to FY24. 2). Obligate $476,000 State match to FY22; $204,000 State match to FY23; and $204,000 State match to FY24. 3). Obligate $28,000 local match to FY22; $12,000 local match to FY23; and $12,000 local match to FY24. 4). Eliminate FY21 $28,000 FTA Sec 5307 funds; FY22 $28,000 FTA Sec 5307 funds; and FY23 $28,000 FTA Sec 5307 funds. 5). Eliminate FY21 $68,000 State match; FY22 $68,000 State match; and FY23 $68,000 State match. 6). Eliminate FY21 $4,000 local match; FY22 $4,000 local match; and FY23 $4,000 local match.

Date Requested 3/9/2021

Public Transportation

UPC GRTC032

Adj 94 9/1/2022 Completed

1). Revise FTA 5307 funds from $84,000 to $243,208 in FY23 and from $84,000 to $155,400 in FY24. 2). Revise State funds from $204,000 to $590,648 in FY23 and from $204,000 to $377,400 in FY24. 3). Revise Local funds from $12,000 to $34,744 in FY23 and from $12,000 to $22,200 in FY24.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC033

Jurisdiction: GRTC
Route/Street:
Description: Acquire Computer Hardware
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:**
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$513,000	$0	$513,000	$836,360
State	$977,000	$0	$977,000	$2,031,160
Local	$86,000	$0	$86,000	$119,480

Amendments

Amd 28

10/6/2022 Approved 1). Revise FTA 5307 funds from $42,000 to $513,000 in FY22, from $140,000 to $39,340 in FY23 and from $84,000 to $836,360 in FY24. 2). Revise State funds from $102,000 to $977,000 in FY22, from $340,000 to $95,540 in FY23 and from $204,000 to $2,031,160 in FY24. 3). Revise Local funds from $6,000 to $86,000 in FY22, from $20,000 to $5,620 in FY23 and from $12,000 to $119,480 in FY24.

Date Requested 8/16/2022

Adjustments

Adj 39 3/23/2021 Completed

1). Obligate $513,000 FTA Sec 5307 funds to FY21; $42,000 FTA Sec 5307 funds to FY22; $140,000 FTA Sec 5307 funds to FY23; and $84,000 FTA Sec 5307 funds to FY24. 2). Obligate $977,000 State match to FY21; $102,000 State match to FY22; $340,000 State

Public Transportation

UPC GRTC033

match to FY23; and $204,000 State match to FY24. 3). Obligate $86,000 local match to FY21; $6,000 local match to FY22; $20,000 local match to FY23; and $12,000 local match to FY24. 4). Eliminate FY21 $280,000 FTA Sec 5307 funds; FY22 $308,000 FTA Sec 5307 funds; and FY23 $336,000 FTA Sec 5307 funds. 5). Eliminate FY21 $680,000 State match; FY22 $748,000 State match; and FY23 $816,000 State match. 6). Eliminate FY21 $40,000 local match; FY22 $44,000 local match; and FY23 $48,000 local match.

Date Requested 3/9/2021

Adj 106 12/7/2022 Completed

1). Remove $513,000 FTA 5307 funds, $977,000 State funds, and $86,000 Local funds in FY22. 2). Obligate $473,660 FTA 5307 funds, $881,460 State funds, and $80,380 Local funds in FY23.

Date Requested 12/5/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC034

Jurisdiction: GRTC
Route/Street:
Description: Acquire Computer Software
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$563,000	$563,000	$698,820	$358,824
State	$1,034,000	$1,034,000	$851,020	$871,430
Local	$99,000	$99,000	$137,160	$51,261

Amendments

Amd 29

10/6/2022 Approved 1). Revise FTA 5307 funds from $669,000 to $563,000 in FY22, from $1,120,000 to $698,820 in FY23 and from $1,120,000 to $358,824 in FY24. 2). Revise State funds from $1,236,000 to $1,034,000 in FY22, from $2,720,000 to $851,020 in FY23 and from $2,720,000 to $871,430 in FY24. 3). Revise Local funds from $95,000 to $99,000 in FY22, from $160,000 to $137,160 in FY23 and from $160,000 to $51,261 in FY24.

Date Requested 8/16/2022

Adjustments

Adj 40 3/23/2021 Completed

1). Obligate $562,960 FTA Sec 5307 funds to FY21; $560,000 FTA Sec 5307 funds to FY22; $1,120,000 FTA Sec 5307 funds to FY23; and $1,120,000 FTA Sec 5307 funds to FY24. 2). Obligate $1,034,000 State match to FY21; $1,360,000 State match to FY22;

Public Transportation

UPC GRTC034

$2,720,000 State match to FY23; and $2,720,000 State match to FY24. 3). Obligate $99,100 local match to FY21; $80,000 local match to FY22; $160,000 local match to FY23; and $160,000 local match to FY24. 4). Eliminate FY21 $784,000 FTA Sec 5307 funds; FY22 $504,000 FTA Sec 5307 funds; and FY23 $504,000 FTA Sec 5307 funds. 5). Eliminate FY21 $1,904,000 State match; FY22 $1,224,000 State match; and FY 23 $1,224,000 State match. 6). Eliminate FY21 $112,000 local match; FY22 $72,000 local match; and FY23 $72,000 local match.

Date Requested 3/9/2021

Adj 68 11/10/2021 Completed

1). Change FTA Sec 5307 funds from FY21 $562,960 to FY21 $563,000; and from FY22 $560,000 to FY22 $669,000. 2). Change FY22 State match from $1,360,000 to $1,236,000. 3). Change local match from FY21 $99,100 to FY21 $99,000; and from FY22 $80,000 to FY22 $95,000.

Date Requested 11/3/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC035

Jurisdiction: GRTC
Route/Street:
Description: Purchase Support Vehicles
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$34,000	$0	$205,734
State	$0	$82,000	$0	$499,640
Local	$0	$5,000	$0	$29,391

Amendments

Amd 30

10/6/2022 Approved 1). Revise FTA 5307 funds from $33,600 to $0 in FY23, and from $33,600 to $205,734 in FY24. 2). Revise State funds from $81,600 to $0 in FY23 and from $81,600 to $499,640 in FY24. 3). Revise Local funds from $4,800 to $0 in FY23 and from $4,800 to $29,391 in FY24.

Date Requested 8/16/2022

Adjustments

Adj 41 3/23/2021 Completed

1). Shift $33,600 FTA Sec 5307 funds from FY21 to FY24. 2). Shift $81,600 State match from FY21 to FY24. 3). Shift $4,800 local match from FY21 to FY24.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC037

Jurisdiction: GRTC
Route/Street: GRTC service area
Description: Capital Cost of Contracting
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$440,000	$440,000	$440,000	$440,000
State	$0	$88,000	$88,000	$88,000
Local	$110,000	$22,000	$22,000	$22,000

Adjustments

Adj 42 3/23/2021 Completed

1). Obligate $440,000 FTA Sec 5307 funds to FY24. 2). Shift $88,000 State match from FY21 to FY24. 3). Revise FY21 local match from $22,000 to $110,000. 4). Obligate $22,000 local match to FY24.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC050

Jurisdiction: GRTC
Route/Street:
Description: Maintenance/Admin Facility Renovation
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5339	$0	$0	$952,192	$0
State	$0	$0	$0	$0
Local	$0	$0	$238,048	$0

Adjustments

Adj 43 3/23/2021 Completed

1). Obligate $238,000 FTA Sec 5307 funds to FY22. 2). Obligate $578,000 State match to FY22. 3). Obligate $34,000 local match to FY22. 4). Eliminate FY21 $814,560 FTA Sec 5307 funds; FY22 $1,380,000 FTA Sec 5307 funds; and FY23 $6,900,000 FTA Sec 5307 funds. 5). Eliminate FY22 $1,500,000 State match; and FY23 $7,500,000 State match. 6) Eliminate FY21 $203,640 local match; FY22 $120,000 local match; and FY23 $600,000 local match.

Date Requested 3/9/2021

Adj 95 9/1/2022 Completed

1). Revise FTA 5307 funds from $238,000 to $0 in FY22. 2). Revise FTA 5339 funds from $0 to $952,192 in FY23. 3). Revise State funds from $578,000 to $0 in FY22. 4). Revise Local funds from $34,000 to $0 in FY22 and from $0 to $238,048 in FY23.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC055

Jurisdiction: GRTC
Route/Street:
Description: Employee Education/Training
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$56,000	$56,000	$56,000	$0
Local	$14,000	$14,000	$14,000	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC056

Jurisdiction: GRTC
Route/Street:
Description: Rehab/Renovate Admin & Facility
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$70,000	$56,000	$143,800	$77,000
State	$170,000	$136,000	$30,600	$187,000
Local	$10,000	$8,000	$34,600	$11,000

Adjustments

Adj 44 3/23/2021 Completed

1). Revise FY22 FTA Sec 5307 funds from $70,000 to $56,000; FY23 FTA Sec 5307 funds from $70,000 to $28,000; and FY24 FTA Sec 5307 funds from $70,000 to $28,000. 2). Revise FY22 State match from $170,000 to $136,000; FY23 State match from $170,000 to $68,000. 3). Obligate $68,000 State match to FY24. 4). Revise FY22 local match from $10,000 to $8,000; FY23 local match from $10,000 to $4,000. 5) Obligate $4,000 local match to FY24.

Date Requested 3/9/2021

Adj 96 9/1/2022 Completed

1). Revise FTA 5307 funds from $28,000 to $143,800 in FY23, and from $28,000 to $77,000 in FY24. 2). Revise State funds from $68,000 to $30,600 in FY23 and from $68,000 to $187,000 in FY24. 3). Revise Local funds from $4,000 to $34,600 in FY23 and from $4,000 to $11,000 in FY24.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC058

Jurisdiction: GRTC
Route/Street:
Description: Southside Transfer Plaza
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5339	$280,000	$0	$0	$0
State	$680,000	$0	$0	$0
Local	$40,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC059

Jurisdiction: GRTC
Route/Street:
Description: Non-Fixed Route ADA Paratransit Svc
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$1,248,000	$1,248,000	$1,248,000	$1,248,001
Local	$312,000	$312,000	$312,000	$312,000

Adjustments

Adj 45 3/23/2021 Completed

1). Obligate $1,248,001 FTA Sec 5307 funds to FY24. 2). Obligate $312,000 local match to FY24.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC061

Jurisdiction: GRTC
Route/Street:
Description: Enterprise Resource Planning (ERP) Consultant
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$200,000	$0	$2,165,600	$0
State	$100,000	$0	$0	$0
Local	$15,000	$0	$541,400	$0

Adjustments

Adj 52 4/2/2021 Completed

1). Obligate $200,000 FTA Sec 5307 funds to FY21 and $560,000 FTA Sec 5307 funds to FY22. 2). Obligate $100,000 State match to FY21 and $1,360,000 State match to FY22. 3). Obligate $15,000 local match to FY21 and $80,000 local match to FY22.

Date Requested 3/4/2021

Adj 98 9/1/2022 Completed

1). Revise FTA 5307 funds from $560,000 to $0 in FY22 and from $0 to $2,165,600 in FY23. 2). Revise State funds from $1,360,000 to $0 in FY22. 3). Revise Local funds from $80,000 to $0 in FY22 and from $0 to $541,400 in FY23.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC062

Jurisdiction: GRTC
Route/Street:
Description: BRT Park & Ride
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5339	$2,400,000	$2,400,000	$2,400,000	$0
Local	$600,000	$600,000	$600,000	$0
Other Federal	$7,317	$7,317	$7,317	$0

Adjustments

Adj 63 8/26/2021 Completed

1). Change funding source from FTA Sec 5307 to FTA Sec 5339. 2). Add $7,317 Other Federal funds to FY21. NOTE: The funding source is corrected and the funding amount is the same.

Date Requested 8/23/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC063

Jurisdiction: GRTC
Route/Street:
Description: Downtown Transfer Plaza
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$2,383,323	$0	$0
State	$0	$476,665	$0	$0
Local	$0	$119,166	$0	$0

Adjustments

Adj 53 4/2/2021 Completed

1). Shift $2,383,323 FTA Sec 5307 funds from FY21 to FY22. 2). Shift $476,665 State match from FY21 to FY22. 3). Shift $119,166 local match from FY21 to FY22. 4). Eliminate FY22 $9,362,000 FTA Sec 5307 funds; FY22 $5,134,000 State match; and FY22 $604,000 local match.

Date Requested 3/4/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC064

Jurisdiction: GRTC
Route/Street:
Description: Replacement Buses
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
	$0	$0	$0	$0

Adjustments

Adj 12 12/9/2020 Completed

1). Eliminate this project from the FY21 - FY24 TIP due to duplication with the GRTC Replacement of Rolling Stock CNG Buses projects (#T20113 and #109362).

Date Requested 12/3/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC065

Jurisdiction: GRTC
Route/Street:
Description: Articulated Buses
Scope: Transit
From: GRTC service area
To: GRTC service area
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$0	$672,000	$672,000
State	$0	$0	$1,632,000	$1,632,000
Local	$0	$0	$96,000	$96,000

Amendments

Amd 12

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate $672,000 FTA Sec 5307 funds to FY23 and $672,000 FTA Sec 5307 funds to FY24. 3). Obligate $1,632,000 State match to FY23 and $1,632,000 State match to FY24. 4). Obligate $96,000 local match to FY23 and $96,000 local match to FY24.

Date Requested 3/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC066

Jurisdiction: GRTC
Route/Street:
Description: Enterprise Resource Planning (ERP) Consultant
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$200,000	$560,000	$0	$0
State	$100,000	$1,360,000	$0	$0
Local	$15,000	$80,000	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC067

Jurisdiction: GRTC
Route/Street:
Description: Planning Consulting Services
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates

PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$714,000	$27,200	$0
State	$0	$1,734,000	$27,200	$0
Local	$0	$102,000	$5,600	$0

Amendments

Amd 13

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate $277,760 FTA Sec 5307 funds to FY21 and $714,000 FTA Sec 5307 funds to FY22. 3). Obligate $674,560 State match to FY21 and $1,734,000 State match to FY22. 4). Obligate $102,000 local match to FY22.

Date Requested 3/9/2021

Adjustments

Adj 62 7/8/2021 Completed

1). Revise project name from "Consultant Services" to "Consultant Service--ENG & DESIGN." 2). Add $39,680 local match to FY21.

Date Requested 6/30/2021

Public Transportation

UPC GRTC067

Adj 64 9/17/2021 Completed

1). Change the project name from "Consultant Services--ENG & DESIGN" to "Planning Consulting Services." 2). Eliminate $277,760 FY21 FTA Sec 5307 funds, $674,560 FY21 State match, and $39,680 FY21 local match.

Date Requested 9/9/2021

Adj 69 11/10/2021 Completed

1). Change FY22 FTA Sec 5307 funds from $714,000 to $1,173,000. 2). Change FY22 State match from $1,734,000 to $1,275,000.

Date Requested 11/3/2021

Adj 99 9/1/2022 Completed

1). Revise FTA 5307 funds from $1,173,000 to $714,000 in FY22 and from $0 to $27,200 in FY23. 2). Revise State funds from $1,275,000 to $1,734,000 in FY22 and from $0 to $27,200 in FY23. 3). Revise Local funds from $0 to $5,600 in FY23.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC068

Jurisdiction: GRTC
Route/Street:
Description: BRT Station Modification
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$0	$420,000	$0
State	$0	$0	$1,020,000	$0
Local	$0	$0	$60,000	$0

Amendments

Amd 14

5/6/2021 Approved 1). This is a new project added to the TIP. 2). Obligate $420,000 FTA Sec 5307 funds to FY22. 3). Obligate $1,020,000 State match to FY22. 4). Obligate $60,000 local match to FY22.

Date Requested 3/9/2021

Adjustments

Adj 100 9/1/2022 Completed

1). Revise FTA 5307 funds from $420,000 to $0 in FY22 and from $0 to $420,000 in FY23. 2). Revise State funds from $1,020,000 to $0 in FY22 and from $0 to $1,020,000 in FY23. 3). Revise Local funds from $60,000 to $0 in FY22 and from $0 to $60,000 in FY23.

Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC069

Jurisdiction: GRTC
Route/Street:
Description: Acquire Storage Facility
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$7,000	$0	$0
State	$0	$17,000	$0	$0
Local	$0	$1,000	$0	$0

Amendments

Amd 20

8/5/2021 Approved 1). This is a new project added to the TIP. 2). Oligate $7,000 FTA Sec 5307 funds (State match $17,000 and local match $1,000) to FY21.

Date Requested 6/21/2021

Adjustments

Adj 65 9/17/2021 Completed

1). Change the project name from "Shop Equipment Shed" to "Acquire Storage Facility." 2). Shift $7,000 FTA Sec 5307 funds, $17,000 State match, and $1,000 local match from FY21 to FY22.

Date Requested 9/9/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC070

Jurisdiction: GRTC
Route/Street:
Description: TSP - Transit Strategic Plan
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$0	$126,500	$0
State	$0	$0	$137,500	$0
Local	$0	$0	$11,000	$0

Amendments

Amd 31

10/6/2022 Approved 1). This is a new project added to the TIP. 2). Obligate $126,500 in FY23 FTA 5307 funds. 3). Obligate $137,500 in FY23 State funds. 4). Obligate $11,000 in FY23 Local funds.
Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC GRTC071

Jurisdiction: GRTC
Route/Street:
Description: Ridership Survey
Scope: Transit
From:
To:
Length:
Administered By: GRTC **Regionally Significant:** No
MPO Note:

No Image Available

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	
Total:	

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
FTA 5307	$0	$0	$133,400	$0
State	$0	$0	$145,000	$0
Local	$0	$0	$11,600	$0

Amendments

Amd 32

10/6/2022 Approved 1). This is a new project added to the TIP. 2). Obligate $133,400 in FY23 FTA 5307 funds. 3). Obligate $145,000 in FY23 State funds. 4). Obligate $11,600 in FY23 Local funds.
Date Requested 8/16/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC T20113

Jurisdiction: Richmond
Route/Street:
Description: GRTC Replacement Of Rolling Stock CNG Buses
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

Schedule

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

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	
RW:	
CN:	$2,465,420
Total:	$2,465,420

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
State	$370,454	$0	$0	$0
CMAQ	$1,481,816	$0	$0	$0

Adjustments

Adj 10 12/9/2020 Completed

1). Obligate $1,481,816 CMAQ funds (match $370,454) to FY21.

Date Requested 12/3/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC 109362

Jurisdiction: Richmond
Route/Street:
Description: GRTC Replacement Of Rolling Stock CNG Buses
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	5/25/2018	6/25/2020	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	**Obligation**
PE:			
RW:			
CN:	$589,291		
Total:	$589,291		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

	Federal Obligations			
Fund Source	**FY21**	**FY22**	**FY23**	**FY24**
State	$117,858	$0	$0	$0
CMAQ	$471,433	$0	$0	$0

Adjustments

Adj 11 12/9/2020 Completed

1). Obligate $471,433CMAQ funds (match $117,858) to FY21.

Date Requested 12/3/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 70550

Jurisdiction: Chesterfield County
Route/Street: I-295
Description: Rte 295 - Construct Interchange
Scope: New Construction Roadway
From: At Meadowville Road - Route 618
To:
Length:
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/25/2004	7/1/2010	Completed
Right of Way (RW):			
Construction (CN):	7/1/2010	12/21/2011	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$210,655	Fund Source	Obligation
RW:			
CN:	$11,928,474		
Total:	$12,139,129		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	DEMO	$0	$56,315	$0	$0	$0
CN	AC	$0	$8,132,943	$0	$0	$0
CN	DEMO	$0	$100,421	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 90347

Jurisdiction: Hanover County
Route/Street: 802/Lewistown Road
Description: Rte 802/I95 - Replace Bridge, Ramps & Airpark Rd
Scope: Bridge Replacement w/o Added Capacity
From: 0.252 MI W Int I-95
To: 0.431 MI E Int I-95
Length: 0.683 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/7/2009	1/29/2013	Completed
Right of Way (RW):	1/29/2013	12/9/2014	Completed
Construction (CN):	12/9/2014	8/16/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$3,350,331
RW:	$5,508,916
CN:	$23,049,499
Total:	$31,908,746

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

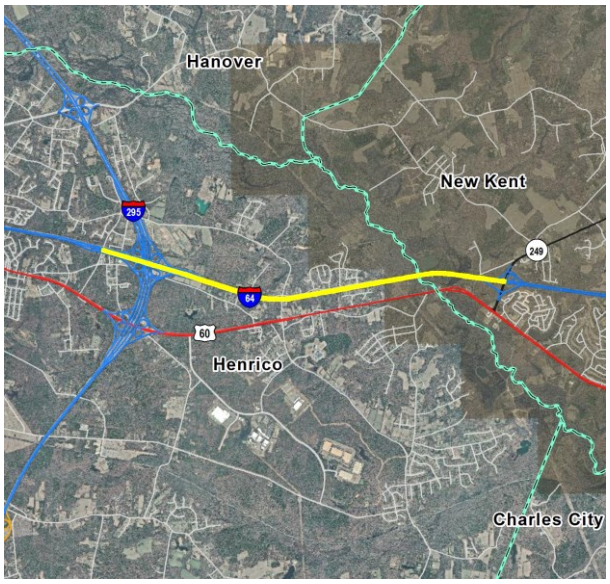
			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$14,688	$58,750	$0	$0	$0
RW	AC	$194	$774	$0	$0	$0
CN	MISC	$0	($229,779)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 107458

Jurisdiction: Henrico County
Route/Street: I-64
Description: Rte 64 - Major Widening
Scope: Reconstruction w/ Added Capacity
From: Rte 295
To: Exit 205 (Bottom's Br)
Length: 3.93 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note: Corresponding GARVEE Debt Service UPC 110394



COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	8/1/2016	3/13/2017	Completed
Right of Way (RW):	3/13/2017	3/17/2017	Completed
Construction (CN):	3/17/2017	8/20/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,882,133
RW:	$125,000
CN:	$48,483,301
Total:	$50,490,434

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

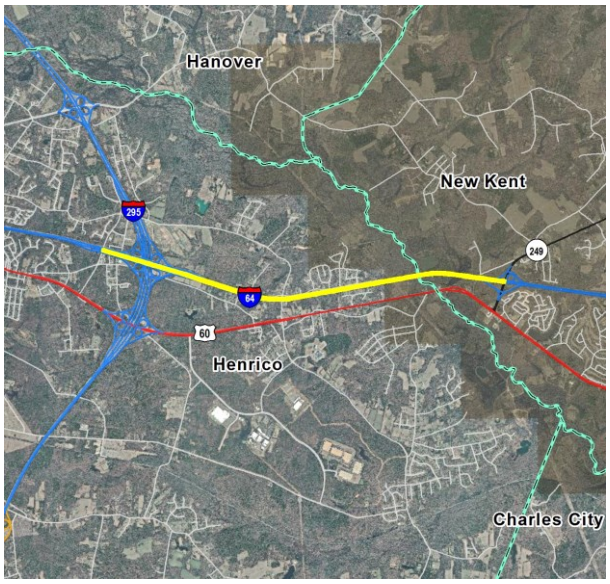
			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	NHS/NHPP	$0	$1,280	$0	$0	$0
CN	AC	$0	$41,340,105	$0	$0	$0
CN	AC CONVERSION	$0	$0	$2,456,755	$2,581,691	$2,711,639
CN	NHS/NHPP	$0	$2,338,815	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 110394

Jurisdiction: Henrico County
Route/Street: I-64
Description: Rte 64 - Major Widening - Garvee Debt Service
Scope:
From:
To:
Length:
Administered By: VDOT **Regionally Significant:** TBD
MPO Note: GARVEE Debt Service Related to UPC: 107458



COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/1/2017	6/30/2034	Underway
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:		Fund Source	Obligation
RW:			
CN:			
Total:	$18,195,057		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$10,064,020	$0	$0	$0
PE	AC CONVERSION	$0	$0	$1,639,728	$1,515,347	$1,384,653
PE	NHS/NHPP	$0	$1,758,120	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 107459

Jurisdiction: Henrico County
Route/Street: I-64
Description: Rte 64 - Extend Acceleration/Deceleration Lanes
Scope: Reconstruction w/ Added Capacity
From: At Weigh Stations
To:
Length: 3.93 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/1/2015	3/17/2017	Completed
Right of Way (RW):			
Construction (CN):	3/17/2017	8/20/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$103,839		
RW:			
CN:	$3,942,349		
Total:	$4,046,188		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 107461

Jurisdiction: Henrico County
Route/Street: I-64
Description: Rte 64 Eastbound - Pavement Marking
Scope: Reconstruction w/o Added Capacity
From: At Rte 295
To:
Length: 3.93 MI
Administered By: VDOT
Regionally Significant: No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	8/12/2015	3/17/2017	Completed
Right of Way (RW):			
Construction (CN):	3/17/2017	8/20/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$13,070		
RW:			
CN:	$1,452,444		
Total:	$1,465,514		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 111732

Jurisdiction: Henrico County
Route/Street: I-64
Description: I-64 at Gaskins Road IMR
Scope: Traffic Management/Engineering
From: W. Broad St
To: 500' S of Three Chopt Rd
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	5/14/2018	12/2/2019	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$400,000		
RW:			
CN:			
Total:	$400,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 107460

Jurisdiction: New Kent County
Route/Street: I-64
Description: Rte 64 - Interchange Modification Study
Scope: Preliminary Engineering
From: Rte 295
To: Exit 205 (Bottom's Br)
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/14/2015	5/28/2019	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$250,000	Fund Source	Obligation
RW:			
CN:			
Total:	$250,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Interstate

UPC 70542

Jurisdiction: Richmond District-wide
Route/Street: I-64
Description: I-64 - Widen To 6 Lanes, Improve Rte 623 Int
Scope: Reconstruction w/ Added Capacity
From: 0.99 MI W Rte 623 (WB - Rte 622, EB - Rte 623)
To: 0.38 MI W Rte 295 In Short Pump (Pouncey Tract Rd)
Length: 4.52 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/21/2005	3/7/2013	Completed
Right of Way (RW):			
Construction (CN):	3/7/2013	12/31/2015	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$1,575,470	Fund Source	Obligation
RW:			
CN:	$35,653,361		
Total:	$37,228,831		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
		$0	$0	$0	$0	$0

Adjustments

Adj 17 12/11/2020 Completed

1). Eliminate FY21 CN $7,620,499 AC funds (no match).

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 15988

Jurisdiction: Chesterfield County
Route/Street: 1/Jefferson Davis Highway
Description: Rte 1 - Bridge Replacement & Mod LTL at DSCR
Scope: Bridge Replacement w/o Added Capacity
From: Intersection W/ Rte 145 (Chester Road)
To: 0.351 MI North of Rte 145 (Chester Road)
Length: 0.351 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/22/1996	5/1/2012	Completed
Right of Way (RW):	5/1/2012	7/22/2014	Completed
Construction (CN):	7/22/2014	3/13/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,986,431
RW:	$3,472,467
CN:	$13,392,128
Total:	$18,851,026

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
RW	AC	$0	$1,384,148	$0	$0	$0
RW	STP/STBG	$0	$272,758	$0	$0	$0
CN	AC	$0	$810,398	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 102959

Jurisdiction: Chesterfield County
Route/Street: 60/Midlothian Turnpike
Description: Rte 60 - Widen To 6 Lanes
Scope: Reconstruction w/ Added Capacity
From: Int Rte 677 (Old Buckingham Rd)
To: Int Rte 727 (Alverser Drive)
Length: 1.25 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/3/2012	10/20/2014	Completed
Right of Way (RW):	10/20/2014	10/28/2014	Completed
Construction (CN):	10/28/2014	12/31/2016	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,076,114
RW:	$9,422
CN:	$9,134,234
Total:	$10,219,770

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 109191

Jurisdiction: Chesterfield County
Route/Street: Route 288
Description: Rte 288/Commonwealth Ctr Pkwy & Bailey Bridge Connector IMR
Scope: Preliminary Engineering
From: 288 360
To: 288 360
Length: 6.85 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/18/2017	9/5/2017	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$405,466		
RW:			
CN:			
Total:	$405,466		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	($18,907)	($75,627)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 17768

Jurisdiction: Hanover County
Route/Street: 360/Mechanicsville Turnpike
Description: Rte 360 - Widening From 4 To 6 & 8 Lanes
Scope: Reconstruction w/ Added Capacity
From: Rte 295N Bridge
To: Rte 1133 (Wynbrook Ln)
Length: 0.634 MI
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/17/1998	7/21/2011	Completed
Right of Way (RW):	7/21/2011	12/23/2014	Completed
Construction (CN):	12/23/2014	12/11/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,985,434
RW:	$2,087,924
CN:	$9,261,146
Total:	$13,334,504

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	Other	$11,694	$46,774	$0	$0	$0
RW	AC	$0	$1,780	$0	$0	$0
CN	AC	$0	$2,208,703	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 18962

Jurisdiction: Hanover County
Route/Street:
Description: Rte 360 - Intersection Relocation
Scope: Relocation
From: 0.012 MI S Rte 360
To: 0.333 MI S Rte 360
Length: 0.32 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/17/1998	9/17/2007	Completed
Right of Way (RW):	9/17/2007	12/23/2014	Completed
Construction (CN):	12/23/2014	12/11/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,017,507
RW:	$3,820,649
CN:	$3,307,203
Total:	$8,145,359

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Primary

UPC 56181

Jurisdiction: Hanover County
Route/Street:
Description: Rte 33 - Add Left Turn Lanes at Rte 623
Scope: Reconstruction w/ Added Capacity
From: 0.310 MI S Rte 623 (Ashland Rd)
To: 0.285 MI N Rte 623 (Ashland Rd)
Length: 0.585 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/24/2001	9/11/2014	Completed
Right of Way (RW):	9/11/2014	3/28/2017	Completed
Construction (CN):	3/28/2017	1/22/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$9,065,060		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
		$0	$0	$0	$0	$0

Adjustments

Adj 18 12/11/2020 Completed

1). Revise cost from $9,025,742 to $9,065,060.

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 59166

Jurisdiction: Charles City County
Route/Street: 607/Wayside Road
Description: Rte 607 - Minor Widening
Scope: Reconstruction w/o Added Capacity
From: 0.035 MI E Rte 639 (The New Road)
To: 0.603 MI E Rte 639 (The New Road)
Length: 0.568 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/10/2004	9/2/2014	Completed
Right of Way (RW):	9/2/2014	11/8/2016	Completed
Construction (CN):	11/8/2016	8/31/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$2,324,938		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
RW	RSTP	$1,023	$4,090	$0	$0	$0
CN	RSTP	$48	$190	$0	$0	$0

Adjustments

Adj 13 12/11/2020 Completed

1). Revise cost from $2,193,226 to $2,324,938. 2). Eliminate FY21 PE $1,009 RSTBG funds (match $252).

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 85337

Jurisdiction: Charles City County
Route/Street: 609/Barnetts Road
Description: Rte 609 - Reconstruction
Scope: Reconstruction w/o Added Capacity
From: On Rte 602, 0.133 MI E of Rte 609 To Rte 609
To: On Rte 609, From Rte 602 To 0.145 MI N of Rte 602
Length: 0.277 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	8/20/2010	6/9/2015	Completed
Right of Way (RW):	6/9/2015	10/11/2016	Completed
Construction (CN):	10/11/2016	10/6/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$475,525
RW:	$407,043
CN:	$1,003,814
Total:	$1,886,382

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	RSTP	$207	$827	$0	$0	$0

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 17179

Jurisdiction: Chesterfield County
Route/Street: 649/Newbys Bridge Road
Description: Rte 649 - Reconstruction
Scope: Reconstruction w/o Added Capacity
From: 0.343 MI S Rte 3186 (Sussex Dr)
To: Rte 3186 (Sussex Dr)
Length: 0.33 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/25/1996	9/4/2015	Completed
Right of Way (RW):	9/4/2015	9/12/2017	Completed
Construction (CN):	9/12/2017	9/24/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$655,400
RW:	$725,050
CN:	$1,158,975
Total:	$2,539,425

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$1,014,300	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 17180

Jurisdiction: Chesterfield County
Route/Street: 649/Newbys Bridge Road
Description: Rte 649 - Reconstruction
Scope: Reconstruction w/o Added Capacity
From: 0.12 MI S Rte 743 (Burnett Dr)
To: 0.12 MI N Rte 743 (Burnett Dr)
Length: 0.24 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/9/2012	9/4/2015	Completed
Right of Way (RW):	9/4/2015	9/12/2017	Completed
Construction (CN):	9/12/2017	9/24/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$634,856		
RW:	$644,542		
CN:	$706,740		
Total:	$1,986,138		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$1,663	$6,652	$0	$0	$0
RW	AC	$31,240	$124,958	$0	$0	$0
CN	AC	$0	$706,740	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 101243

Jurisdiction: Chesterfield County
Route/Street: 604/Genito Road
Description: Rte 604 - Replace Bridge Over Tomahawk Creek
Scope: Bridge Replacement w/o Added Capacity
From: 0.257 MI W Rte 4656 (Cover Ridge La)
To: 0.025 MI W Rte 4656 (Cover Ridge La)
Length: 0.232 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	5/15/2012	11/24/2014	Completed
Right of Way (RW):	11/24/2014	11/10/2015	Completed
Construction (CN):	11/10/2015	9/6/2016	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$769,996
RW:	$536,633
CN:	$1,846,970
Total:	$3,153,599

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 77121

Jurisdiction: Hanover County
Route/Street: 638/Atlee Road
Description: Rte 638 - Construct Left Turn Lane & Add SB Rec Lane
Scope: Reconstruction w/ Added Capacity
From: 0.2 MI S of Route 301
To: Intersection Route 301
Length: 0.2 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/8/2006	9/12/2012	Completed
Right of Way (RW):	9/12/2012	12/6/2015	Completed
Construction (CN):	12/6/2015	12/31/2016	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$424,751
RW:	$518,717
CN:	$1,645,049
Total:	$2,588,517

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$160,431	$0	$0	$0
CN	CMAQ	$4,906	$19,622	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 82399

Jurisdiction: Hanover County
Route/Street: 625/Greenwood Road
Description: Rte 625 - Bridge Replacement
Scope: Bridge Replacement w/ Added Capacity
From: 0.071 MI E of Henrico County Line
To: 0.045 MI W of Hanover County Line
Length: 0.119 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/11/2011	5/18/2015	Completed
Right of Way (RW):	5/18/2015	9/13/2016	Completed
Construction (CN):	9/13/2016	10/23/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$649,552
RW:	$262,638
CN:	$1,940,433
Total:	$2,852,623

Previous Obligations	
Fund Source	Obligation

Goals addressed

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

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 98236

Jurisdiction: Hanover County
Route/Street: 638/Atlee Road
Description: Rte 638 - Extend Atlee Rd To Atlee Station Rd
Scope: New Construction Roadway
From: 0. 234 MI N of Buckingham Branch Railroad
To: 0. 244 MI S of Buckingham Branch Railroad
Length: 0.478 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/13/2011	8/7/2013	Completed
Right of Way (RW):	8/7/2013	10/28/2016	Completed
Construction (CN):	10/28/2016	11/14/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,433,046
RW:	$2,672,618
CN:	$17,072,013
Total:	$21,177,677

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$4,091,819	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 103014

Jurisdiction: Hanover County
Route/Street: 623/Cedar Lane
Description: Rt 623 - Improve Intersection
Scope: Reconstruction w/o Added Capacity
From: 0.184 MI W Rte 1 (Washington Hwy)
To: Rte 1 (Washington Hwy)
Length: 0.184 MI
Administered By: Locally
Regionally Significant: No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/3/2013	7/29/2015	Completed
Right of Way (RW):	7/29/2015	11/17/2017	Completed
Construction (CN):	11/17/2017	6/28/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$673,000
RW:	$1,054,000
CN:	$4,207,000
Total:	$5,934,000

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 104875

Jurisdiction: Hanover County
Route/Street: 606/Studley Road
Description: Rte 606 - Roundabout
Scope: Safety
From: 0.103 MI W Int Rte 643 (Rural Point Rd)/ Rte 606
To: 0.068 MI E Int Rte 643/Rte 606 (Studley Rd)
Length: 0.171 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/16/2014	4/13/2016	Completed
Right of Way (RW):	4/13/2016	2/28/2018	Completed
Construction (CN):	2/28/2018	11/21/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$346,487	Fund Source	Obligation
RW:	$122,000		
CN:	$2,160,000		
Total:	$2,628,487		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
		$0	$0	$0	$0	$0

Adjustments

Adj 20 12/11/2020 Completed

1). Eliminate FY21 RW $12,745 RSTBG funds (match $3,186); FY21 CN $511,277 AC funds (no match); and FY21 CN $53,611 RSTBG funds (match $13,403).

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 50528

Jurisdiction: Henrico County
Route/Street:
Description: Three Chopt Road - Widening - PE Only
Scope: Reconstruction w/ Added Capacity
From: Barrington Hill Drive
To: Gaskins Road
Length: 1.5 MI
Administered By: Locally **Regionally Significant:** Yes
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/6/1999	3/28/2018	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$2,933,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

Adjustments

Adj 25 1/12/2021 Completed

1). Revise cost from $2,583,000 to $2,933,000.

Date Requested 1/4/2021

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 104881

Jurisdiction: Henrico County
Route/Street: John Rolfe Parkway
Description: John Rolfe Pkwy - Add Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Ridgefield Pkwy
To: Gayton Rd
Length: 0.66 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	7/16/2014	8/2/2017	Completed
Right of Way (RW):	8/2/2017	4/15/2018	Completed
Construction (CN):	4/15/2018	3/14/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$158,200		
RW:	$9,866		
CN:	$322,500		
Total:	$490,566		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
RW	CMAQ	($627)	($2,508)	$0	$0	$0
CN	CMAQ	($5,646)	($22,584)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 8216

Jurisdiction: Powhatan County
Route/Street: 1343/Carter Gallier Boulevard
Description: Rte 1343 - New Roadway Construction
Scope: New Construction Roadway
From: Intersection Luck Stone Entrance
To: Intersection Route 60 (State Police Crossover)
Length: 0.55 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	5/3/1988	5/19/2015	Completed
Right of Way (RW):	5/19/2015	4/25/2017	Completed
Construction (CN):	4/25/2017	8/16/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$1,381,398
RW:	$1,937,016
CN:	$3,518,840
Total:	$6,837,254

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Secondary

UPC 86442

Jurisdiction: Powhatan County
Route/Street: 711/Huguenot Trail
Description: Rte 711 - Major Widening
Scope: Reconstruction w/ Added Capacity
From: 0.370 MI E of Rte 288
To: 0.142 MI E of Powhatan/Chesterfield County Line
Length: 1.2 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/26/2011	7/1/2013	Completed
Right of Way (RW):	7/1/2013	11/8/2016	Completed
Construction (CN):	11/8/2016	6/4/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$2,205,170
RW:	$2,823,330
CN:	$14,621,775
Total:	$19,650,275

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**No**
Freight	**Yes**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$127	$509	$0	$0	$0
CN	AC	$0	$5,660,213	$0	$0	$0
CN	RSTP	$83,944	$335,775	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 13463

Jurisdiction: Ashland
Route/Street: 1/North & South Washington Hwy
Description: Rte 1 - Improve Intersection at Rte 54
Scope: Safety
From: 0.119 MI S of Int W/ Rte 54
To: 0.086 MI N of Int W/ Rte 54
Length: 0.207 MI
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/3/1994	7/13/2012	Completed
Right of Way (RW):	7/13/2012	10/14/2014	Completed
Construction (CN):	10/14/2014	5/23/2016	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$862,707
RW:	$1,282,719
CN:	$3,845,271
Total:	$5,990,697

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	Other	$0	$51,123	$0	$0	$0
RW	CMAQ	($243,552)	($974,208)	$0	$0	$0
CN	AC	$146,630	$586,518	$0	$0	$0
CN	RSTP	$47,431	$189,725	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 15955

Jurisdiction: Richmond
Route/Street: 1/Jefferson Davis Highway
Description: Rte 1 - Intersection Improvements at Hopkins Rd & Harwood St
Scope: Reconstruction w/o Added Capacity
From: 0.008 MS Chesterman Ave
To: 0.435 MN Chesterman Ave
Length: 0.42 MI
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/3/2008	1/3/2008	Completed
Right of Way (RW):	1/3/2008	11/27/2019	Completed
Construction (CN):	11/27/2019	11/18/2021	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:		Fund Source	Obligation
RW:			
CN:			
Total:	$11,637,223		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**Yes**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	STP/STBG	$83,821	$0	$335,285	$0	$0
RW	EB/MG	($258,222)	$0	($1,032,889)	$0	$0
RW	STP/STBG	($38,534)	$0	($154,134)	$0	$0
CN	AC OTHER	$0	$0	$5,114,384	$0	$0
CN	STP/STBG	$59,065	$0	$236,258	$0	$0

Adjustments

Adj 77 4/19/2022 Completed

1). Change cost from $11,602,886 to $11,637,223. 2). Change road segment from "0.45 MN Fairfax Ave" to "0.435 MN Chesterman Ave." 3). Add PE phase to FY22 and allocate $335,285 STP/STBG funds (match $83,821). 4). Add RW phase to FY22 and obligate -$1,032,889 EB/MG funds (match -$258,222) and -$154,134 STP/STBG funds (match -$38,534). 5). Obligate $236,258 CN STP/STBG funds (match $59,065), and $5,114,384 CN AC Other funds (no match) in FY22. 6). Eliminate FY21 $4,276,437 CN AC funds (no match).

Date Requested 4/12/2022

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 64219

Jurisdiction: Richmond
Route/Street: Main Street Station
Description: Capital Preventative Maintenance
Scope: Safety
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	8/15/2011	8/15/2013	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$41,903,805		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 100498

Jurisdiction: Richmond
Route/Street: Chippenham Parkway And Others
Description: City Signal Systems South Of James River
Scope: Safety
From: James River
To: City's South Limit
Length: 0.8 MI
Administered By: Locally
Regionally Significant: No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/9/2011	9/28/2014	Completed
Right of Way (RW):			
Construction (CN):	9/28/2014	10/31/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$1,567,331	Fund Source	Obligation
RW:			
CN:	$9,237,017		
Total:	$10,804,348		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$109,765	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 103899

Jurisdiction: Richmond
Route/Street: Franklin Street
Description: Multimodal Improvement To Franklin St
Scope: Reconstruction w/o Added Capacity
From: 14Th Street
To: 18Th Street
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	7/1/2016	12/1/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$2,500,000		
Total:	$2,500,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

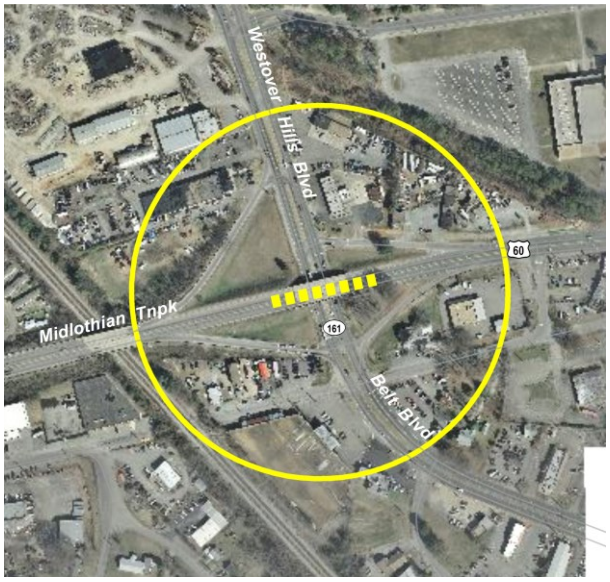
COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 104887

Jurisdiction: Richmond
Route/Street: 60/Midlothian Turnpike
Description: Rte 60 - Bridge Rehabilitation
Scope: Bridge Rehab w/o Added Capacity
From: At Rte 161 (Belt Blvd)
To:
Length: 0.19 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/10/2015	4/27/2018	Completed
Right of Way (RW):			
Construction (CN):	4/27/2018	10/31/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$2,027,729		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

Adjustments

Adj 27 1/12/2021 Completed

1). Revise cost from $2,015,000 to $2,027,729. 2). Eliminate FY21 PE $137,729 AC funds (no match) and FY21 CN $125,000 AC funds (no match).

Date Requested 11/5/2020

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 105701

Jurisdiction: Richmond
Route/Street: Main Street Station
Description: Main Street Station Site Improvements
Scope: Other
From: Main Street Station
To: Main Street Station
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	3/1/2017	3/31/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$3,500,000		
Total:	$3,500,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$3,500,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Urban

UPC 112373

Jurisdiction: Richmond
Route/Street:
Description: Central Business District - Retiming Signals
Scope: Safety
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/2/2018	9/17/2018	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$800,000		
RW:			
CN:			
Total:	$800,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**Yes**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 105192

Jurisdiction: Chesterfield County
Route/Street: Smoketree Drive
Description: Rte 2770 - Add Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Yarrow Lane (Rte 3400)
To: Rte 653 (Courthouse Rd)
Length: 0.37 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	3/20/2014	11/3/2014	Completed
Right of Way (RW):	11/3/2014	9/30/2015	Completed
Construction (CN):	9/30/2015	11/30/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$106,000
RW:	$556
CN:	$544,000
Total:	$650,556

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
RW	TAP/F	($52)	($206)	$0	$0	$0
CN	TAP/F	$5,403	$21,611	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 106201

Jurisdiction: Chesterfield County
Route/Street: Le Gordon Drive
Description: Rte 707 - Sidewalks
Scope: Facilities for Pedestrians and Bicycles
From: Rte 950 (Charter Colony Pkwy)
To: 0.025 MI N Rte 7564 (MIdlothian Wood Blvd)
Length: 0.36 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/2/2015	5/19/2016	Completed
Right of Way (RW):	5/19/2016	11/17/2017	Completed
Construction (CN):	11/17/2017	9/7/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$124,004
RW:	$32,540
CN:	$209,513
Total:	$366,057

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	RTAP	($1,298)	($5,190)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 107536

Jurisdiction: Chesterfield County
Route/Street: Harrowgate Road
Description: Rte 144 (Harrowgate Rd) - Add Sidewalks
Scope: Facilities for Pedestrians and Bicycles
From: 0.148 Mi W of Rieves Pond Drive
To: 0.078 MI E of Rieves Pond Drive
Length: 0.227 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	12/10/2015	4/25/2017	Completed
Right of Way (RW):	4/25/2017	6/7/2017	Completed
Construction (CN):	6/7/2017	12/7/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$145,101	Fund Source	Obligation
RW:	$0		
CN:	$413,886		
Total:	$558,987		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$2,820	$11,281	$0	$0	$0
CN	RTAP	($2,023)	($8,091)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 108978

Jurisdiction: Chesterfield County
Route/Street: Spring Run Road
Description: Rte 662 (Spring Run Road) Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Rte 5150 (Brocket Drive)
To: Spring Run Elementary School
Length: 0.05 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/23/2016	5/11/2017	Completed
Right of Way (RW):	5/11/2017	6/14/2017	Completed
Construction (CN):	6/14/2017	12/22/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$0
RW:	$0
CN:	$0
Total:	$99,895

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RTAP	($1,464)	($5,856)	$0	$0	$0
CN	RTAP	($6,063)	($24,250)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 109082

Jurisdiction: Chesterfield County
Route/Street: Bailey Bridge Road
Description: Rte 654 (Bailey Bridge Road) Sidewalk
Scope: Facilities for Pedestrians and Bicycles
From: Rte 5013 (Battlecreek Drive)
To: Manchester High School
Length: 0.3 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	9/23/2016	11/21/2017	Completed
Right of Way (RW):	11/21/2017	6/25/2018	Completed
Construction (CN):	6/25/2018	4/17/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates	
PE:	$185,000
RW:	$15,000
CN:	$525,451
Total:	$725,451

Previous Obligations	
Fund Source	Obligation

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 105209

Jurisdiction: Richmond
Route/Street: Floyd Avenue
Description: Floyd Ave Bike Boulevard
Scope: Facilities for Pedestrians and Bicycles
From: Various Locations
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/3/2014	7/12/2015	Completed
Right of Way (RW):			
Construction (CN):	7/12/2015	12/31/2015	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$197,494		
RW:			
CN:	$375,214		
Total:	$572,708		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

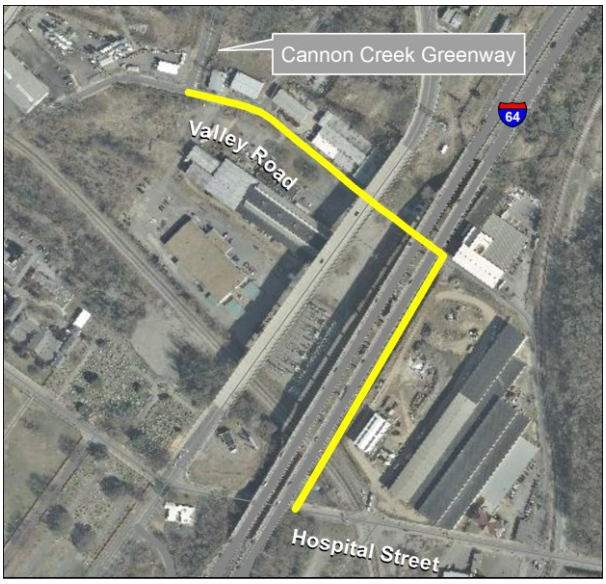
Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 106246

Jurisdiction: Richmond
Route/Street:
Description: Cannon Creek Greenway
Scope: Facilities for Pedestrians and Bicycles
From: Valley Road
To: Hospital Road (At Oliver Hill Wy)
Length: 0.4 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:



COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/24/2016	7/27/2018	Completed
Right of Way (RW):			
Construction (CN):	7/27/2018	11/1/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$10,000	Fund Source	Obligation
RW:			
CN:	$992,835		
Total:	$1,002,835		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	TAP/F	($40,809)	($163,234)	$0	$0	$0
CN	OTHER	$195,316	$195,316	$0	$0	$0

Adjustments

Adj 28 1/12/2021 Completed

1). Revise FY21 PE TAP/F funds from -$160,000 (match -$40,000) to -$163,234 (match -$40,809). 2). Eliminate FY21 CN $22,203 AC funds (no match) and FY21 CN $312,000 TAP/F funds (match $78,000).

Date Requested 11/5/2020

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 106247

Jurisdiction: Richmond
Route/Street:
Description: Munford & Fox Elementary Schools - Sidewalks
Scope: Facilities for Pedestrians and Bicycles
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

Mary Munford Elementary

Fox Elementary

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	4/2/2015	2/9/2018	Completed
Right of Way (RW):			
Construction (CN):	2/9/2018	2/28/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$30,000		
RW:			
CN:	$370,000		
Total:	$400,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	TAP/F	$200	$800	$0	$0	$0
CN	TAP/F	($200)	($800)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Enhancement

UPC 107531

Jurisdiction: Richmond
Route/Street:
Description: Bellemeade Park - Pedestrian Trail
Scope: Facilities for Pedestrians and Bicycles
From: Minefree St
To: Oak Grove-Bellemeade School
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	2/9/2016	6/28/2016	Completed
Right of Way (RW):			
Construction (CN):	6/28/2016	5/25/2017	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$108,793	Fund Source	Obligation
RW:			
CN:	$196,114		
Total:	$304,907		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	TAP/F	($12,570)	($50,279)	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 103393

Jurisdiction: Ashland
Route/Street:
Description: Ashland Trolley Line Trail
Scope: Facilities for Pedestrians and Bicycles
From: Maple St Extension
To: Trolley Line Trail Park
Length: 0.27 MI
Administered By: Locally **Regionally Significant:** No
MPO Note:

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/16/2016	12/13/2017	Completed
Right of Way (RW):	12/13/2017	7/25/2018	Completed
Construction (CN):	7/25/2018	10/31/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:		Fund Source	Obligation
RW:			
CN:			
Total:	$1,710,156		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**Yes**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	RSTP	$27,000	$0	$108,000	$0	$0

Adjustments

Adj 24 1/12/2021 Completed

1). Revise FY21 CN RSTBG funds from $206,830 (match $51,708) to $210,492 (match $52,623). 2). Eliminate FY21 PE $2,732 RSTBG funds (match $683) and FY21 RW $931 RSTBG funds (match $233).

Date Requested 11/5/2020

Adj 71 4/11/2022 Completed

1). Change cost from $1,575,156 to $1,710,156. 2). Obligate $108,000 CN STBG funds (match $27,000) in FY22. 3). Eliminate FY21 CN $210,492 STBG funds (match $52,623).

Date Requested 3/24/2022

COMPLETE

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 109193

Jurisdiction: Henrico County
Route/Street:
Description: CRAC CNG Bus Purchase
Scope: Transit
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	11/9/2016	2/21/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$140,150		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	CMAQ	$28,000	$112,000	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 86357

Jurisdiction: Multi-jurisdictional: Richmond MPO
Route/Street: Richmond Regional Transportation Planning Org
Description: Travel Demand Modeling On-Call Consultant Support
Scope: Other
From:
To:
Length:
Administered By: Other **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/31/2014	10/31/2014	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
PE:	$800,000	Fund Source	Obligation
RW:			
CN:			
Total:	$800,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	RSTP	$100,000	$400,000	$0	$0	$0

Miscellaneous

UPC **T206**

Jurisdiction: Richmond
Route/Street: Greater Richmond Transit Company
Description: Alternative Fuel Trolley Vehicle Replacement
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

No Image Available

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	7/1/2010	8/31/2010	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$180,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

Miscellaneous

UPC T41

Jurisdiction: Richmond
Route/Street: Greater Richmond Transit Company
Description: Renovation Of Transportation Facility
Scope: Transit
From:
To:
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:

COMPLETE

No Image Available

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	10/1/2007	9/30/2010	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$3,786,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
PE	AC	$0	$2,202,588	$0	$0	$0

Miscellaneous

UPC 104892

Jurisdiction: Richmond
Route/Street: Port Of Richmond
Description: Port Of Virginia Green Operator (Go) Program
Scope: Other
From:
To:
Length:
Administered By: Other **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	9/2/2015	9/1/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$1,543,052		
Total:	$1,543,052		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

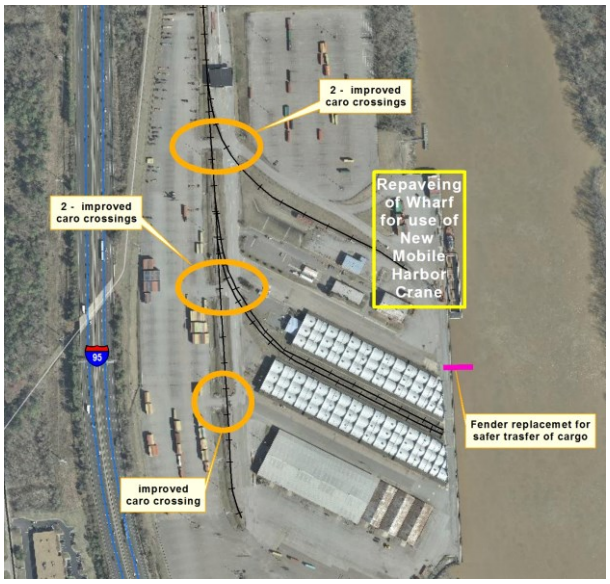
Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 109266

Jurisdiction: Richmond
Route/Street:
Description: RMT - Intermodal Transfer Improvements
Scope: Other
From: Various
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:



COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	4/23/2018	2/7/2019	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$2,050,000		
Total:	$2,050,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**Yes**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

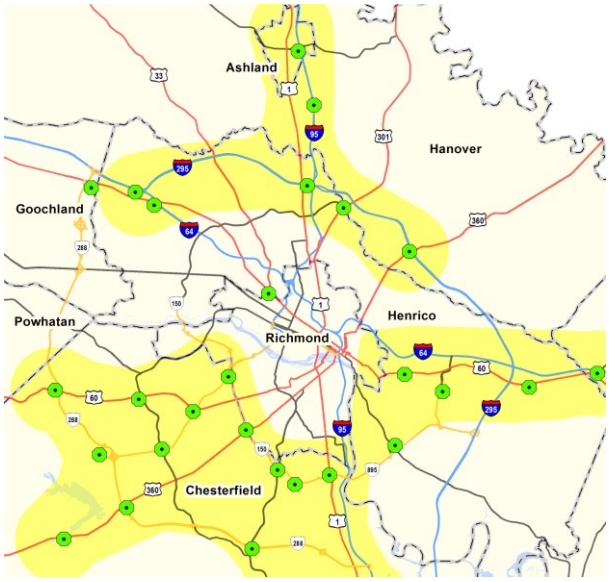
Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Miscellaneous

UPC 106304

Jurisdiction: Richmond District-wide
Route/Street:
Description: Park And Ride Lots at Priority Locations - Pe Only
Scope: Preliminary Engineering
From: Various Locations
To:
Length:
Administered By: VDOT **Regionally Significant:** No
MPO Note:



Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	11/14/2016	12/3/2018	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$125,000		
RW:			
CN:			
Total:	$125,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**Yes**

Federal Obligations

COMPLETE

Miscellaneous

UPC **T20741**

Jurisdiction: Statewide
Route/Street:
Description: Vehicle Fuel Conversion Program Marketing
Scope:
From:
To:
Length:
Administered By: Other **Regionally Significant:** TBD
MPO Note:

No Image Available

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	8/1/2012	8/1/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$360,000		
Total:	$360,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	CMAQ	$72,000	$288,000	$0	$0	$0

Miscellaneous

UPC T11802

Jurisdiction: Statewide
Route/Street:
Description: Vehicle Fuel Conversion Program
Scope: Other
From:
To:
Length:
Administered By: Other **Regionally Significant:** TBD
MPO Note:

No Image Available

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	8/1/2012	8/1/2018	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$8,640,000		
Total:	$8,640,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**No**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	CM	$1,370,964	$5,483,854	$0	$0	$0

Adjustments

Adj 32 2/24/2021 Completed

1). Add CN phase to FY21 and obligate $5,483,854 (match $1,370,964) CMAQ funds.

Date Requested 2/5/2021

Public Transportation

UPC T2131

Jurisdiction: Chesterfield County
Route/Street:
Description: Expansion Of Bus Service
Scope: Transit
From:
To:
Length:
Administered By: VDOT **Regionally Significant:** Yes
MPO Note:

COMPLETE

No Image Available

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	6/1/2008	6/30/2008	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$2,595,508		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC T9879

Jurisdiction: Multi-jurisdictional: Richmond MPO
Route/Street:
Description: ARRA - GRTC Bus Replacement
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	9/15/2010	9/15/2011	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$3,120,000		
Total:	$3,120,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	Other	$0	$3,120,000	$0	$0	$0

Public Transportation

UPC T9717

Jurisdiction: Multi-jurisdictional: Richmond MPO
Route/Street:
Description: Mechanicsville Commuter Transit Service
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

No Image Available

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	11/1/2011	11/1/2013	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$399,500		
Total:	$399,500		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**Yes**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC T9678

Jurisdiction: Multi-jurisdictional: Richmond MPO
Route/Street:
Description: GRTC Bus Replacement
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	11/1/2010	11/1/2011	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$2,100,000		
Total:	$2,100,000		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC T11907

Jurisdiction: Richmond
Route/Street:
Description: GRTC Replacement Buses
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	12/1/2012	6/1/2013	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$4,219,130		
Total:	$4,219,130		

Goals addressed

Access	**No**	Congestion	**No**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

			Federal Obligations			
Phase	Fund Source	Match	FY21	FY22	FY23	FY24
CN	AC	$0	$843,826	$0	$0	$0

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC T1811

Jurisdiction: Richmond
Route/Street:
Description: City Of Richmond: Employee Trip Reduction Program
Scope: Transit
From:
To:
Length:
Administered By: Locally **Regionally Significant:** No
MPO Note:

No Image Available

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	8/31/2009	6/30/2018	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:			
Total:	$3,196,251		

Goals addressed

Access	**Yes**	Congestion	**Yes**	Environment	**Yes**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

FY 2021 to FY 2024 Richmond Region TPO Transportation Improvement Program

Public Transportation

UPC 104958

Jurisdiction: Richmond
Route/Street:
Description: Purchase Of GRTC Replacement Buses
Scope: Transit
From:
To:
Length:
Administered By: DRPT **Regionally Significant:** No
MPO Note:

COMPLETE

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):			
Right of Way (RW):			
Construction (CN):	6/30/2014	6/1/2015	Completed

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:			
RW:			
CN:	$1,266,000		
Total:	$1,266,000		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**No**
Safety	**No**	Reliability	**Yes**	Multimodal	**No**

Federal Obligations

Public Transportation

UPC 109361

Jurisdiction: Richmond
Route/Street:
Description: GRTC Transit Development Plan
Scope: Transit
From: Various
To:
Length:
Administered By: Locally
Regionally Significant: No
MPO Note:

COMPLETE

No Image Available

Schedule

Phase	Start	End	Status
Preliminary Engineering (PE):	1/5/2017	7/26/2018	Completed
Right of Way (RW):			
Construction (CN):			

Cost Estimates / Previous Obligations

Cost Estimates		Previous Obligations	
		Fund Source	Obligation
PE:	$155,700		
RW:			
CN:			
Total:	$155,700		

Goals addressed

Access	**No**	Congestion	**Yes**	Environment	**No**
Freight	**No**	Landuse	**No**	Maintenance	**Yes**
Safety	**No**	Reliability	**Yes**	Multimodal	**Yes**

Federal Obligations

GROUPED PROJECTS

How to read grouped projects…

Grouped projects are projects that do not have the same regional significance as projects that are ungrouped. Examples include guardrail installation along an interstate or a rumble strip on a roadway center line. Grouped projects fall into seven categories:

1) Bridge Rehabilitation/Replacement/Reconstruction
2) Rail
3) Safety/Intelligent Transportation Systems/Operational Improvements
4) Transportation Enhancement/Byway/Non-Traditional
5) Preventive Maintenance and System Preservation
6) Preventive Maintenance for Bridges
7) Traffic and Safety Operations

All of the projects in these groups are combined to shows total obligation information for each identified group. If the obligation data for any of these overall groups is revised, then the RRTPO has the opportunity to consider these changes as an administrative modification or an amendment. However, the individual projects within each group can be revised without input or review from the RRTPO. FHWA allows project grouping for projects that are not considered of appropriate scale for individual identification. The RRTPO can request that a project be ungrouped at any time.

The following section lists the seven overall project groupings and the aggregated obligation information. Also listed are the individual grouped projects. The information shown for these projects includes UPC, a basic project description and a cost estimate. This information is a snapshot of grouped projects from the time the updated TIP is approved and is not updated during the life of the TIP.

Richmond District

Project Groupings

MPO		Richmond				
GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction				
ROUTE/STREET					TOTAL COST	$106,539,240
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
PE	Federal - AC CONVERSION	$105,000	$0	$420,000	$0	$0
	Federal - NHS/NHPP	$0	$2,476,840	$0	$0	$0
PE TOTAL		$105,000	$2,476,840	$420,000	$0	$0
RW	Federal - AC CONVERSION	$245,000	$0	$380,000	$600,000	$0
	Federal - NHFP	$0	$1	$0	$0	$0
	Federal - NHS/NHPP	$0	$268,060	$0	$1,478,205	$0
	Federal - STP/STBG	$0	$0	$0	$266,357	$0
RW TOTAL		$245,000	$268,061	$380,000	$2,344,562	$0
CN	Federal - AC CONVERSION	$50,000	$0	$13,738,026	$9,012,602	$4,012,221
	Federal - NHFP	$16,447	$1,463,471	$65,789	$0	$0
	Federal - NHS/NHPP	$1,944,643	$9,995,039	$7,778,573	$0	$7,805,103
	Federal - RSTP	$1,150,000	$0	$4,600,000	$0	$0
	Federal - STP/STBG	$0	$0	$0	$0	$3,344,097
CN TOTAL		$3,161,091	$11,458,510	$26,182,388	$9,012,602	$15,161,421
CN AC	Federal - AC	$1,604,750	$30,223,322	$2,900,001	$0	$0
	Federal - AC OTHER	$363,909	$9,329,785	$1,455,637	$0	$8,470,585
CN AC		$1,968,660	$39,553,107	$4,355,638	$0	$8,470,585
MPO Note		TIP AMD - add $2,476,840 (NHPP) FFY21 PE phase; add $268,060 (NHPP) FFY21, $1,478,205 (NHPP) & $266,357 (STP/STBG) FFY23 RW phase; add $9,995,039 (NHPP), $1,463,471 (NHFP), add $20,767,260 (AC-NHPP) & $15,266,847 (AC-Other) FFY21, add $13,738,026 (ACC-NHPP) FFY22, $8,812,602 (ACC-NHPP) FFY23 & $4,012,221 (ACC-NHPP) FFY24, add $7,805,103 (NHPP), $3,344,097 (STP/STBG) & $8,470,585 (AC-Other) FFY24 CN phase.				

Amendment 17

GROUPING		Construction : Rail				
ROUTE/STREET					TOTAL COST	$6,265,026
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
CN	Federal - AC CONVERSION	$2,743	$0	$0	$24,685	$0
	Federal - RAIL	$265,844	$0	$2,010,895	$381,700	$0
CN TOTAL		$268,587	$0	$2,010,895	$406,385	$0
CN AC	Federal - AC	$2,743	$0	$24,685	$0	$0

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	$471,215,965
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
PE	Federal - AC CONVERSION	$407,384	$30,987	$1,267,000	$46,672	$691,800
	Federal - CMAQ	($175,000)	($700,000)	$0	$0	$0
	Federal - HSIP	$256,605	$240,000	$50,000	$2,019,444	$0
	Federal - NHFP	($158,863)	($635,450)	$0	$0	$0
	Federal - NHS/NHPP	$175,550	$702,200	$0	$0	$0
	Federal - RSTP	$364,676	$0	$148,000	$729,000	$581,702
	Federal - STP/STBG	$204,506	$818,024	$0	$0	$0
PE TOTAL		$1,074,858	$455,761	$1,465,000	$2,795,116	$1,273,502
PE AC	Federal - AC	$119,251	$0	$37,000	$662,800	$145,425
	Federal - AC OTHER	$0	$1,267,000	$0	$333,334	$0
PE AC		$119,251	$1,267,000	$37,000	$996,134	$145,425
RW	Federal - AC CONVERSION	$1,813,455	$1,880,562	$1,793,254	$2,018,005	$1,562,000
	Federal - HSIP	$122,222	$1,000,000	$50,000	$0	$50,000
	Federal - NHPP/E	$551,250	$0	$0	$0	$2,205,000
	Federal - NHS/NHPP	$266,750	$1	$1,067,000	$0	$0
	Federal - RSTP	$255,800	$1,023,200	$0	$0	$0
	Federal - STP/STBG	$40,000	$0	$160,000	$0	$0
RW TOTAL		$3,049,478	$3,903,763	$3,070,254	$2,018,005	$3,817,000
RW AC	Federal - AC	$873,450	$476,800	$3,007,000	$10,000	$0
CN	Federal - AC CONVERSION	$11,263,638	$7,330,706	$21,128,455	$11,859,203	$8,055,574
	Federal - CMAQ	$2,121,588	$8,486,353	$0	$0	$0
	Federal - HSIP	$1,353,175	$7,175,917	$2,502,659	$0	$2,500,000
	Federal - NHFP	$409,789	$1,639,156	$0	$0	$0
	Federal - NHPP/E	$125,000	$0	$0	$0	$500,000
	Federal - NHS/NHPP	$4,419,379	$11,904,195	$2,242,966	$251,015	$3,279,339
	Federal - RSTP	$941,616	$0	$301,200	$2,280,264	$1,185,000
	Federal - STP/STBG	$2,227,465	$3,275,796	$5,445,528	$188,536	$0
	Other	$31,950	$140,055	$0	$0	$0
CN TOTAL		$22,893,600	$39,952,178	$31,620,808	$14,579,018	$15,519,913

Adj 107 - Remove the project page for UPC 111466 and add the project to CN: Safety/ITS/Operational Improvements grouping.
Adj 108 - Remove the project page for UPC 15958 and add the project to CN: Safety/ITS/Operational Improvements grouping.

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional				
ROUTE/STREET					TOTAL COST	$88,365,212
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
PE	Federal - AC CONVERSION	$38,500	$0	$0	$154,000	$0
	Federal - CMAQ	$100,000	$0	$400,000	$0	$0
	Federal - NHS/NHPP	$178,500	$0	$0	$0	$714,000
	Federal - RSTP	$54,000	$0	$216,000	$0	$0
	Federal - STP/STBG	$672,667	$0	$0	$0	$2,690,668
PE TOTAL		$1,043,667	$0	$616,000	$154,000	$3,404,668
PE AC	Federal - AC	$38,500	$0	$54,000	$100,000	$0
RW	Federal - AC CONVERSION	$22,550	$0	$90,200	$0	$0
	Federal - CMAQ	$333,700	$1,034,800	$0	$300,000	$0
	Federal - HSIP	$18,111	$0	$163,000	$0	$0
	Federal - RSTP	$62,500	$100,000	$0	$150,000	$0
	Federal - TAP/F	$98,500	$384,000	$10,000	$0	$0
RW TOTAL		$535,361	$1,518,800	$263,200	$450,000	$0
RW AC	Federal - AC	$72,550	$90,200	$0	$200,000	$0
CN	Federal - AC CONVERSION	$1,285,909	$500,000	$565,237	$2,939,200	$1,139,200
	Federal - CMAQ	$298,159	$992,834	$199,800	$0	$0
	Federal - HSIP	$120,611	$0	$1,085,500	$0	$0
	Federal - RSTP	$566,986	$131,944	$1,620,000	$0	$516,000
	Federal - RTAP	$453,000	$1,088,000	$724,000	$0	$0
	Federal - TAP/F	$632,600	$264,000	$1,968,000	$298,400	$0
CN TOTAL		$3,357,265	$2,976,778	$6,162,537	$3,237,600	$1,655,200
CN AC	Federal - AC	$1,234,175	$0	$4,702,700	$0	$234,000
	Federal - AC OTHER	$0	$1,144,724	$0	$87,100	$0
CN AC		$1,234,175	$1,144,724	$4,702,700	$87,100	$234,000

MPO		Richmond				
GROUPING		Maintenance : Preventive Maintenance and System Preservation				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	$128,026,686
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
CN	Federal - NHFP	$0	$2,500,000	$2,500,000	$0	$0
	Federal - NHS/NHPP	$0	$8,194,023	$24,582,069	$0	$0
	Federal - STP/STBG	$0	$21,974,931	$65,038,149	$0	$3,237,514
CN TOTAL		$0	$32,668,954	$92,120,218	$0	$3,237,514
MPO Note		TIP AMD - move $8,194,023 (NHPP) FFY23 to FFY22, move $20,568,747 (STP/STBG) FFY23 to FFY22, move $8,194,023 (NHPP) & $16,265,099 (STP/STBG) from FFY24 to FFY22				

Adjustment 87

MPO		Richmond				
GROUPING		Maintenance : Preventive Maintenance for Bridges				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	$104,922,106
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
CN	Federal - NHFP	$0	$6,624,541	$0	$0	$0
	Federal - NHS/NHPP	$0	$7,905,053	$23,974,224	$0	$14,126,050
	Federal - STP/STBG	$0	$21,822,250	$28,268,102	$0	$2,201,886
CN TOTAL		$0	$36,351,844	$52,242,326	$0	$16,327,936
MPO Note		TIP AMD- move $15,149,840 (NHFP) & $11,627,147 (STP/STBG) FFY23 to FFY22, move $7,687,915 (STP/STBG) FFY24 to FFY22				

Adjustment 88

MPO		Richmond				
GROUPING		Maintenance : Traffic and Safety Operations				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	$18,232,749
	FUND SOURCE	MATCH	FY21	FY22	FY23	FY24
CN	Federal - STP/STBG	$0	$4,155,321	$7,983,289	$750,671	$5,343,468
MPO Note		FFY22-09 STIP MOD - move $2,000,000 (STP/STBG) FFY23 to FFY22				

Adjustment 89 and 101

Projects by Grouping

Richmond MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	111294	Richmond	0064	$6,111,770
		#SGR - BRIDGE REHAB 1-64/5TH ST OVER I-95		
		FROM: I-64 RAMP 190A OVER I-95 TO: I-64 RAMP 190A OVER I-95		
Interstate	111303	Richmond	0064	$4,050,000
		#SGR - BRIDGE-ONLY REHAB I-64 OVER I-95 (FED. ID 21441)		
		FROM: I-64W/LAB. AVE RAMP OVER I-95 TO: I-64W/LAB. AVE RAMP OVER I-95 (0.2200 MI)		
Miscellaneous	T18932	Richmond District-wide	0000	$0
		BRIDGE REHABILITATION/REPLACEMENT		
Primary	113371	New Kent County	POCOHONTAS TRAIL (0060)	$1,500,000
		REPLACE SUPERSTRUCTURE RTE 60		
		FROM: 0.0 TO: 0.0		
Primary	110997	New Kent County	COURTHOUSE ROAD (0155)	$899,455
		RTE 155 - DECK REPLACEMENT OVER CHICKAHOMINY RIVER CANAL		
		FROM: .2 miles North of Charles City County Line TO: .22 miles North of Charles City County Line		
Primary	112043	Richmond District-wide	VARIES (9999)	$3,200,001
		Richmond District I-95 Corridor Substructure Bridge Rehab		
		FROM: Varies TO: Varies		
Secondary	107085	Chesterfield County	DUNDAS ROAD (0641)	$6,019,000
		RTE 641 - REPLACE SD BRIDGE FED ID 5280		
		FROM: 0.118 Miles West of CSX Railroad TO: 0.203 Miles East of CSX Railroad (0.3210 MI)		
Secondary	110784	Goochland County	MAIDENS ROAD (0634)	$953,607
		RTE 634 - DECK REPLACEMENT ON MAIDENS RD-Bridge Only		
		FROM: .05 MI N. Int. Rte. 6 (River Road West) TO: .07 MI N. Int. Rte. 6		
Secondary	111297	Hanover County	ASHCAKE RD (0657)	$5,000,000
		#SGR - BRIDGE REHAB RTE 657 OVER I-95		
		FROM: 0.4 MI TO RTE 808 TO: 0.1 MI TO RTE 659		
Urban	104217	Richmond	0000	$1,100,000
		#SGR FY19 - LYNNHAVEN ST - BRIDGE IMPROVEMENTS		
		LYNHAVEN OVER BROAD ROCK CREEK		
Urban	113073	Richmond	COLUMBIA STREET (U000)	$2,405,323
		COLUMBIA ST - REPLACE STR		
		FROM: CHESTERMAN AVE TO: MIMOSA ST (0.1000 MI)		
Urban	104888	Richmond	MAYO BRIDGE (U000)	$8,250,000
		#SGR - RTE 360 - REHAB MAYO BRIDGE		
		EAST 14TH STREET @ JAMES RIVER (0.2600 MI)		
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total				$39,489,156

Richmond MPO

Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18927	Richmond District-wide	0000		$0
		CN: RAIL			
Miscellaneous	112018	Statewide	HIGHWAY-RAIL SAFETY (0000)		$700,000
		Highway-Rail Safety Inventory Section 130 PE Only			
		FROM: Statewide TO: Statewide			
Miscellaneous	112213	Statewide	HIGHWAY RAIL SAFETY (0000)		$300,000
		Highway-Rail Section 130 Pre Scoping PE Only			
		FROM: Statewide TO: Statewide			
Miscellaneous	112497	Statewide	VARIOUS (0000)		$500,000
		ENVIRONMENTAL EQ429 FORM PROCESSING CHARGES			
		FROM: FOR HIGHWAY/RAIL SAFETY PROJECTS WITHOUT PE NUMBERS TO: ASSIGNED			
Primary	110977	Ashland	ENGLAND ST. (0054)		$381,700
		Rt. 54 - Upgrade Existing Flashing Lights and Gates			
		FROM: Int of Railroad Ave.and England St. TO: at CSX RR Crossing 860459F			
Primary	107071	Hanover County	PATRICK HENRY ROAD (0054)		$71,337
		RTE 54 - INSTALL FLASHING SIGNALS			
		FROM: APPROX. 2000' WEST BBRR CROSSING #224991U TO: AT BBRR CROSSING #224991U (0.3700 MI)			
Primary	109363	Hanover County	PATRICK HENRY RD. (0054)		$198,515
		Rt.54-Install New Flashing Lights & Gates Add CWT Predictors			
		FROM: 220 Feet North of Palmico Rd. - MP .95 TO: at BBRR Crossing 224991U			
Secondary	110993	Hanover County	CEDAR LN. (0623)		$125,000
		Rt. 623 / Cedar Lane - Install Cantilever in the SW Quadrant			
		FROM: 56 ft East of Kenmont Ln. TO: at CSX RR Crossing 860443J			
Secondary	112932	Hanover County	COOL SPRING RD (0652)		$60,000
		Rt.652-Close and Remove Crossing			
		FROM: 27 Ft SW of Williams Trl TO: at BBRR Crossing #224976S			
Secondary	110994	Hanover County	DOSWELL RD. (0688)		$204,632
		Rt.688-Upgrade Flashing Lights and Gates w CWT Predictors			
		FROM: 57 ft East of Doswell Park Rd. TO: at BB RR Crossing 225003U			
Secondary	110970	Hanover County	EAST CADYS MILL RD (0695)		$198,665
		Rt.695-Upgrade Flashing Lights and Gates w CWT Predictors			
		FROM: .10 Mi. North of Rt. 657 TO: at BB RR Crossing 224985R			
Secondary	110995	Hanover County	HEWLETT RD (0601)		$198,665
		Rt.601-Upgrade Flashing Lights and Gates w CWT Predictors			
		FROM: 14 ft North of Ingleside Dairy Dr. TO: at BB RR Crossing 225022Y			
Secondary	110996	Hanover County	INDUSTRIAL PARK RD (1250)		$203,665
		Rt.1250-Upgrade Flashing Lights and Gates w CWT Predictors			
		FROM: 335 ft NW of Meadowbridge Rd TO: at BB RR Crossing 228389E			
Urban	110992	Ashland	COLLEGE AVE. (0000)		$407,700
		College Ave. - Upgrade Existing Flashing Lights and Gates			
		FROM: Int of Railroad Ave. and Center St. TO: at CSX RR Crossing 860462N			
Urban	110978	Ashland	FRANCIS ST (0000)		$299,480
		Francis St. - Upgrade Existing Flashing Lights and Gates			
		FROM: Int of Railroad Ave. and Francis St. TO: at CSX RR Crossing 860450U			

Richmond MPO

Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	110979	Ashland	MYRTLE ST. (0000)		$381,700
		Myrtle St. - Upgrade Existing Flashing Lights and Gates			
		FROM: Int of S. Center St. and Myrtle St. TO: at CSX RR Crossing 860454W			
Urban	110991	Ashland	WEST PATRICK ST. (0000)		$381,700
		W.Patrick St. - Upgrade Existing Flashing Lights and Gates			
		FROM: Int of Center St. and Patrick St. TO: at CSX RR Crossing 860512P			
Urban	114957	Henrico County	HUNGARY RD. (7526)		$400,000
		Hungary Rd.-Upgrade Existing Flashing Lights and Gates			
		FROM: 158 ft West of Oakview Ave. TO: At CSXRR Crossing DOT#860437F			
Urban	107987	Richmond	HERMITAGE RD (0000)		$182,447
		Hermitage Rd - Upgrade Cantilever Flashing Lights and Gates			
		FROM: 147 ft S of Ownby Ln. TO: At CSX RR Crossing 623518E (0.1000 MI)			
Urban	110971	Richmond	HOPKINS RD. (0000)		$440,000
		Hopkins Rd.-Install Concrete Crossing Surface			
		FROM: .15 Mi. West of Rt.1 TO: at CSX RR Crossing 623635A			
Urban	109364	Richmond	HOSPITAL STREET (0000)		$260,000
		Hospital St.- New Flashing Lights & Gates add CWT Predictors			
		FROM: 43 ft East of Valley Rd. TO: at BBRR Crossing #224964X			
Urban	109365	Richmond	PEAR ST (0000)		$369,820
		Pear St. - Upgrade Flashing Lights and Add Gates			
		FROM: 48 Ft East of Dock St. TO: at NSRR Crossing#714228Y (0.1000 MI)			
Construction : Rail Total					$6,265,026

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	109261	Henrico County	0064 (0064)		$4,563,340
		I-64 EAST RICHMOND ATMS PROJECT			
		FROM: I-95 Interchange TO: I-295 Interchange (10.3000 MI)			
Interstate	109322	Chesterfield County	0095		$10,000,000
		#HB2.FY17 RTE 95 - IMPROVE INTERCHANGE AT RTE 10			
		FROM: 0.09 mi. S of Rt. 10 TO: 0.59 mi. N of Rt. 10 (0.6820 MI)			
Interstate	111705	Chesterfield County	I-95 (0095)		$47,000,000
		I-95 AND WILLIS RD INTERCHANGE IMPROVEMENTS			
		FROM: NORTH OF INTERCHANGE TO: SOUTH OF INTERCHANGE (0.0900 MI)			
Interstate	106938	Henrico County	0095		$4,054,664
		RTE 95 - INSTALL ITS DEVICES			
		FROM: North of 5th Street TO: Existing cell tower & hub building south of Sliding Hill (11.1000 MI)			
Interstate	107795	Richmond	0095		$2,803,368
		#HB2.FY17 RTE 95 - IMPROVE RAMP AREA AT FRANKLIN ST			
		FROM: 0.008 MI N OF INTERSECTION MAIN/15TH STREET TO: 0.04 MI N OF INTERSECTION OF 15TH/FRANKLIN STREET (0.1150 MI)			
Interstate	107796	Richmond	0095		$2,720,000
		#HB2.FY17 RTE 95 - EXTEND NB DECEL LANE AT HERMITAGE RD			
		FROM: 0.363 MILES EAST OF HERMITAGE ROAD TO: 0.012 MILES EAST OF HERMITAGE ROAD (0.3500 MI)			

Richmond MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	107797	Richmond	0095	$3,203,300
		#HB2.FY17 RTE 95 - EXTEND NB ACCEL LANE AT BELVIDERE ST		
		FROM: 0.02 MI S RTE 301 TO: 0.35 MI N RTE 301 (0.3170 MI)		
Interstate	109083	Richmond	0095	$4,065,748
		#SMART18 - RTE 95 - ROADWAY LIGHTING		
		FROM: MP 76.56 ON I-95 AT BELVIDERE TO: MP 183 ON I-64 AT GLENSIDE (5.7000 MI)		
Interstate	109319	Richmond	0095	$822,140
		#HB2.FY17 RTE 95 - ITS LOW BRIDGE WARNING SYSTEM		
		FROM: RTE 195 TO: RTE 64 W EXIT (6.2500 MI)		
Interstate	109320	Richmond	0095	$7,986,534
		#HB2.FY17 SB I95 Belvidere St Interchange Safety Improvement		
		FROM: 0.08 MI. W INT. RTE. 1 & I-95 SB TO: 0.18 MI. E INT. RTE. 1 & I-95 SB (0.2611 MI)		
Interstate	109321	Richmond	MAURY ST (0095)	$8,553,801
		#HB2.FY17 RTE 95 - IMPROVE INTERCHANGE AT MAURY ST		
		FROM: 0.058 MI. W OF MAURY ST TO: 0.050 MI. E OF MAURY ST (0.1090 MI)		
Interstate	111465	Richmond	I-95 (0095)	$3,598,607
		#SMART18 - I-95/I-64 Overlap: Emergency Pull-Offs		
		FROM: MAURY STREET TO: I-64 W		
Interstate	107769	Richmond District-wide	0095	$4,868,149
		RTE 95 - UPGRADE SIGNS		
		FROM: I-95 MM 73.80 TO: I-95 MM 82.60 (8.8000 MI)		
Interstate	107772	Richmond District-wide	0095	$1,502,859
		RTE 95 - INSTALL ITS DEVICES		
		FROM: WAGNER RD TO: RTE 161 (BELLS RD) (20.8900 MI)		
Interstate	108004	Richmond District-wide	0095	$4,438,354
		RTE 95 - IMPROVE TRAFFIC OPERATIONS AND SOUND WALL DESIGN		
		FROM: 0.18 Miles North of Interstate 295 TO: 0.53 Miles South of Route 656 (0.6410 MI)		
Interstate	108005	Richmond District-wide	0095	$2,346,580
		RTE 95 - IMPROVE TRAFFIC OPERATIONS AND SOUND WALL DESIGN		
		FROM: 1.50 MILES NORTH OF RTE 656 (SLIDING HILL RD) TO: 0.86 MILES SOUTH OF RTE 802 (LEWISTOWN RD) (0.2680 MI)		
Interstate	109278	Richmond District-wide	0095	$984,637
		RTE 95 - Improve Traffic Operations		
		FROM: Rte 295 TO: Rte 656 (Sliding Hill Rd) (1.3300 MI)		
Interstate	109482	Richmond District-wide	0095	$10,000,000
		Richmond Transportation Operations Center Upgrade		
		FROM: 2430 Pine Forest Drive, Richmond TOC TO: 2430 Pine Forest Drive, Richmond TOC		
Interstate	112051	Richmond	0195	$1,330,000
		I-195 - SAFETY IMPROVEMENTS		
		FROM: 0.04 mi. north of Rte. 250 TO: 1.40 mi. north of Rte. 250 (1.3600 MI)		
Interstate	113867	Richmond	VARIOUS (9999)	$227,800
		WRONG WAY MITIGATION AT RAMPS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	107802	Statewide	9999	$918,907
		Incident Management Emergency Evacuation and Detour Plans		
		FROM: Various TO: Various		
Interstate	110551	Statewide	9999	$362,560
		Traffic Video Expansion - Statewide		
		FROM: Various TO: Various		
Interstate	110912	Statewide	9999	$813,019
		Statewide Truck Parking Management System - Phase 1		
		FROM: Various TO: Various		
Interstate	111613	Statewide	9999	$1,807,000
		Statewide Truck Parking Management System - Phase 2		
		FROM: Various TO: Various		
Interstate	111892	Statewide	9999	$0
		ATMS - Phase 1, 2, 3, 4		
		FROM: Various TO: Various		
Interstate	114400	Statewide	9999	$300,000
		Drone Technology Project		
		FROM: Various TO: Various		
Interstate	115850	Statewide	9999	$15,000,000
		ITTF FY20 I-95 VSL Compliance Monitoring		
		FROM: Various TO: Various		
Interstate	115851	Statewide	9999	$150,000
		ITTF FY20 Hanover County Specialized Transit Program		
		FROM: Various TO: Various		
Interstate	115854	Statewide	9999	$1,250,000
		ITTF FY20 Arterial Operations Program Dashboard		
		FROM: n/a TO: n/a		
Interstate	115855	Statewide	9999	$4,700,000
		ITTF FY20 High Speed Communications		
		FROM: Various TO: Various		
Miscellaneous	T18930	Richmond District-wide	0000	$0
		CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS		
Miscellaneous	108890	Richmond District-wide	VARIOUS (0000)	$1,049,969
		SAFETY PRESCOPING-RICHMOND DISTRICT		
		FROM: VARIOUS LOCATIONS TO: various		
Miscellaneous	105481	Statewide	0000	$1,400,000
		Impement iPeMS (Iteris Performance Measrement System)		
		FROM: various TO: various		
Miscellaneous	113814	Richmond	VARIOUS (9999)	$1,500,000
		F Roadway Conversions - Citywide Phase II		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	106240	Richmond District-wide	9999	$1,803,332
		INSTALL PEDESTRIAN ACCOMMODATIONS - DISTRICTWIDE		
		FROM: HENRICO CO - RTE 250 - VARIOUS LOC TO: CHFLD CO - RTE 668 - VARIOUS LOC		

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	107034	Richmond District-wide	9999	$2,629,136
		INSTALL FLASHING YELLOW ARROWS - DISTRICTWIDE (PHASE 1)		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	107036	Richmond District-wide	9999	$1,500,000
		INSTALL PEDESTRIAN SIGNALS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	107038	Richmond District-wide	9999	$4,000,000
		REPLACE TRAFFIC SIGNALS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	107045	Richmond District-wide	9999	$2,960,000
		SYSTEMIC UNSIGNALIZED INTERSECTION TREATMENTS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	108669	Richmond District-wide	9999	$2,400,000
		PEDESTRIAN SIGNALIZED INTERSECTION ACCOMODATIONS - DW		
		FROM: Various TO: Various		
Miscellaneous	109628	Richmond District-wide	9999	$1,038,763
		SYSTEMIC ROADWAY DEPARTURE TREATMENTS - RTE 460 CORRIDOR		
		FROM: Various TO: Various		
Miscellaneous	110833	Richmond District-wide	9999	$1,930,000
		INSTALL PEDESTRIAN ACCOMMODATIONS - DISTRICTWIDE		
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS		
Miscellaneous	110836	Richmond District-wide	9999	$3,570,000
		SYSTEMIC IMPROVEMENTS TO COUNTER ROADWAY DEPARTURE CRASHES		
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS		
Miscellaneous	110837	Richmond District-wide	9999	$540,000
		SYSTEMIC SIGNAL TIMING OPTIMIZATION #2 - DW (PE-ONLY)		
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS		
Miscellaneous	113772	Richmond District-wide	VARIOUS (9999)	$727,800
		SYSTEMIC SIGNAL TIMING OPTIMIZATION #3 - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	113908	Richmond District-wide	VARIOUS (9999)	$231,200
		SYSTEMIC SIGNAL TIMING OPTIMIZATION #1 - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	113998	Richmond District-wide	VARIOUS (9999)	$684,000
		SYSTEMIC PEDESTRIAN CROSSING ACCOMMODATIONS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	113999	Richmond District-wide	9999	$3,603,800
		SIDEWALK AND RAMP ACCOMMODATION - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	114000	Richmond District-wide	9999	$1,621,853
		SYSTEMIC LANE DEPARTURE IMPROVEMENTS - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		
Miscellaneous	115887	Richmond District-wide	VARIOUS (9999)	$3,001,870
		SYSTEMIC CURVE DELINEATION - DISTRICTWIDE		
		FROM: VARIOUS TO: VARIOUS		

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Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	115888	Richmond District-wide	VARIOUS (9999)		$3,687,188
		SYSTEMIC PEDESTRIAN CROSSINGS - DISTRICTWIDE			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	116034	Richmond District-wide	VARIOUS (9999)		$2,000,000
		SYSTEMIC ROADWAY DEPARTURE TREATMENTS CN - DISTRICTWIDE			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	116225	Richmond District-wide	VARIOUS (9999)		$927,778
		SYSTEMIC UNSIGNALIZED INTERSECTION TREATMENTS - DW (PE ONLY)			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	114193	Statewide	VARIOUS (9999)		$0
		PEDESTRIAN IMPROVEMENTS AT PRIORITY CORRIDOR STATEWIDE			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	108888	Richmond	U000		$1,746,816
		ROAD DIETS - IMPROVE BICYCLE ACCOMMODATIONS			
		FROM: Various TO: Various			
Miscellaneous	110841	Richmond	U000		$1,310,000
		SYSTEMIC PEDESTAL TO MAST ARM SIGNAL IMPROVEMENTS - URBAN			
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS			
Miscellaneous	110843	Richmond	VARIOUS (U000)		$175,000
		PEDESTRIAN IMPROVEMENTS AT MARY MUMFORD ELEMENTARY SCHOOL			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	110844	Richmond	VARIOUS (U000)		$2,170,000
		PHASE 2 - PEDESTRIAN SAFETY IMPROVEMENTS - CITYWIDE			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	110880	Richmond	U000		$755,500
		PEDESTRIAN SAFETY IMPROVEMENTS WITH HAWKS AND RRFBS			
		FROM: VARIOUS TO: VARIOUS			
Miscellaneous	110886	Richmond	VARIOUS (U000)		$284,200
		PEDESTRIAN IMPROVEMENTS AT OAK GROVE ELEMENTARY SCHOOL			
		FROM: VARIOUS TO: VARIOUS			
Primary	111712	Chesterfield County	JEFF DAVIS HWY (0001)		$2,082,640
		#SMART18 - Route 1 (Marina Dr. to Merriewood Rd.) Sidewalk			
		FROM: MARINA DRIVE TO: MERRIEWOOD ROAD			
Primary	104665	Henrico County	BROOK ROAD (0001)		$1,905,645
		RTE 1 - UPGRADE SIGNALS TO PROVIDE PEDESTRIAN ACCOMMODATION			
		FROM: 0.063 MI S VILLA PARK DR TO: 0.318 MI N VILLA PARK DR (0.3810 MI)			
Primary	115406	Charles City County	JOHN TYLER MEMORIAL HIGHWAY (0005)		$4,110,000
		#SMART20 - Route 106/ Route 5 Roundabout			
		FROM: Various TO: Various			
Primary	114337	Henrico County	NEW MARKET RD (0005)		$0
		PEDESTRIAN SAFETY ENHANCEMENTS ALONG THE CAPITAL TRAIL			
		FROM: 0.17 MI E. BICKERSTAFF RD TO: 0.63 MI W HENRICO/CHARLES CITY CL. (11.6000 MI)			
Primary	109317	Goochland County	PATTERSON AVENUE (0006)		$880,793
		#HB2.FY17 RTE 6 - INSTALL SIGNAL			
		FROM: 0.08 MI W RTE 1250 (WEST CREEK RD) TO: 0.08 MI E RTE 1250 (WEST CREEK RD) (0.1600 MI)			

Richmond MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	101034	Henrico County	PATTERSON AVENUE (0006)	$11,882,926
		#HB2.FY17 RTE 6 PATTERSON AVE AT PARHAM RD INTERSECTION		
		FROM: 0.27 MI W RTE 7518 (PARHAM RD) TO: 0.28 MI E RTE 7518 (PARHAM RD) (0.5500 MI)		
Primary	108590	Hanover County	PATRICK HENRY HIGHWAY (0054)	$36,941
		RTE. 54 & 671 INTERSECTION IMPROVEMENTS		
		FROM: 0.10 West of Rte 671 TO: 0.10 East of Rte 671 (0.2000 MI)		
Primary	110908	Hanover County	PATRICK HENRY HIGHWAY (0054)	$130,000
		RTE. 54 - INTERSECTION IMPROVEMENTS		
		FROM: 0.10 MI W RTE 671 TO: 0.10 MI E RTE671 (0.2000 MI)		
Primary	114336	Hanover County	PATRICK HENRY HIGHWAY (0054)	$0
		RTE. 54 & 671 INTERSECTION IMPROVEMENTS		
		FROM: 0.10 West of Rte 671 TO: 0.10 East of Rte 671 (0.2000 MI)		
Primary	115404	Chesterfield County	VARIOUS (0060)	$10,440,000
		#SMART20 - ITS SIGNAL UPGRADES		
		FROM: Various TO: Various		
Primary	115412	Chesterfield County	MIDLOTHIAN TURNPIKE (0060)	$13,239,000
		#SMART20 - Superstreet - Rt 60 at Woolridge/Old Buck. Rd		
		FROM: .25 miles west of Old Buckingham/Woolridge TO: Heaths Way (_)		
Primary	115414	Powhatan County	ROUTE 60 (0060)	$2,471,870
		#SMART20 - Jude's Ferry Road & Route 60		
		FROM: east of Judes Ferry Rd TO: west of Judes Ferry Rd (0.2400 MI)		
Primary	105444	Richmond District-wide	0060	$180,000
		RTE 60 - (RTE 64 CORRIDOR TECH) SCC-JAMES CITY TO HENRICO		
		FROM: Richmond Corp Limits TO: James City CL (29.3300 MI)		
Primary	98564	Henrico County	PARHAM ROAD (0073)	$575,627
		Modify Signal, Add Ped Accomodations at Parham and Shrader		
		FROM: 0.153 mi. WEST OF INT. WITH SHRADER RD TO: 0.157 mi. EAST OF INT. WITH SHRADER RD (0.3100 MI)		
Primary	100561	Henrico County	PARHAM ROAD (0073)	$302,341
		RTE 73 - INSTALL SIDEWALK AND CURB AND GUTTER		
		FROM: 0.208 mi. WEST OF INT. WITH VILLA PARK DR TO: 0.041 mi. EAST OF INT. WITH VILLA PARK DR (0.2490 MI)		
Primary	80330	Chesterfield County	0076	$1,047,365
		ELECTRONIC TOLL CUSTOMER SERV. & VIOLATION ENFORCEMENT SYS.		
		AT THE POWHITE PARKWAY EXTENSION		
Primary	107037	Henrico County	HUGUENOT ROAD (0147)	$900,000
		RTE 147 - INSTALL PEDESTRIAN LIGHTING - HUGUENOT BRIDGE		
		FROM: 0.10 W RIVERSIDE DR RAMPS TO: RIVER RD (1.2000 MI)		
Primary	92652	New Kent County	NORTH COURTHOUSE ROAD (0155)	$5,702,196
		#SMART18 - RTE 155 - WIDEN SHOULDERs		
		FROM: 0.848 MILES SOUTH INT. KENTFIELD PARKWAY TO: RTE 249 (NEW KENT CO HWY) (4.4260 MI)		
Primary	111468	Hanover County	COLD HARBOR (0156)	$1,357,200
		#SMART18 - Cold Harbor (Rt 156) & Catlin Rd (Rt.1440)LT Lane		
		FROM: 0.087 MILES WEST CATLIN RD. (Rt. 1440) TO: 0.141 MILES EAST CATLIN RD. (Rt. 1440) (0.2270 MI)		

Richmond MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	101023	Henrico County	SPRINGFIELD ROAD (0157)	$2,285,000
		RTE 157 (SPRINGFIELD RD) FRANCISTOWN RD INTERSECTION IMP.		
		FROM: 0.033 MI N. OF FRANCISTOWN TO: 0.047 MI E. OF FRANCISTOWN (0.1600 MI)		
Primary	104666	Henrico County	BROAD STREET (0250)	$1,585,925
		RTE 250 - PROVIDE PEDESTRIAN ACCOMMODATIONS		
		FROM: RICHMOND CITY LIMITS TO: I-64 INTERCHANGE (1.9500 MI)		
Primary	111106	Henrico County	W BROAD ST (0250)	$2,248,000
		RTE 250 SIDEWALK - DOMINION BLVD TO SPRINGFIELD RD		
		FROM: 0.011 MI W DOMINION BLVD TO: 1.520 MI E DOMINION BLVD (1.5310 MI)		
Primary	111637	Henrico County	WEST BROAD STREET (0250)	$1,367,000
		#SMART18 - BROAD ST PEDESTRIAN & TRANSIT STOP IMPROVEMENTS		
		FROM: FOREST AVENUE TO: WILLOW LAWN AVENUE		
Primary	115417	Henrico County	W BROAD STREET (0250)	$10,857,000
		#SMART20 - W Broad St Pedestrian and Transit Improvements		
		FROM: Pemberton Road TO: Parham Road (_)		
Primary	109315	Goochland County	0288	$3,765,475
		#HB2.FY17 RTE 288 - IMPROVE INTERCHANGE AT RTE 250		
		FROM: RTE 288 SB RAMPS TO: 0.127 MI EAST OF RTE 288 NB RAMPS (0.5150 MI)		
Primary	104886	Chesterfield County	HULL STREET ROAD (0360)	$2,141,000
		RTE 360 -(at Spring Run Rd) INTERSECTION IMPROVEMENTS		
		FROM: 0.02 MI W RTE 702 (N SPRING RUN RD) TO: 0.16 MI E RTE 702 (N SPRING RUN RD) (0.1300 MI)		
Primary	115200	Richmond	HULL STREE (0360)	$11,664,209
		Hull Street Improvement Project Phase III		
		FROM: Warwick Rd TO: Arizona avenue		
Primary	104664	Richmond District-wide	VARIOUS (9999)	$4,740,000
		REPLACE SIGNALS - VARIOUS INTERSECTIONS		
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS		
Primary	114333	Richmond District-wide	VARIOUS (9999)	$0
		INSTALL ADVANCED SIGNAL CONTROL TECHNOLOGY AND COMMUNICATION		
		FROM: VARIOUS TO: VARIOUS		
Primary	108889	Richmond	U000	$3,746,338
		PEDESTRIAN IMPROVEMENTS - CITY WIDE		
		FROM: Various TO: Various		
Secondary	82892	Charles City County	ADKINS ROAD (0618)	$1,533,062
		RTE 618 - RECONSTRUCTION		
		FROM: 1.469 MI S of RTE 60 TO: 0.710 MI S of RTE 60 (0.7630 MI)		
Secondary	111714	Chesterfield County	COGBILL ROAD (0638)	$2,945,000
		#SMART18 - Cogbill/Hopkins/Chippenham - Park and Ride Lot		
		FROM: Hopkins Road TO: East of Hopkins Road		
Secondary	111715	Chesterfield County	COURTHOUSE ROAD (2099)	$1,200,000
		#SMART18 - Courthouse Rd Tr (Salem Ch Rd to Cts Complex Rd)		
		FROM: Rte. 642 (SALEM CHURCH ROAD) TO: 0.07 MI West of Rte. 4795 (COURTS COMPLEX RD) (0.9300 MI)		
Secondary	114200	Chesterfield County	DEER RUN DRIVE (4700)	$550,000
		INSTALL SIDEWALK - DEER RUN ROAD - CHESTERFIELD		
		FROM: Chital Drive TO: Key Deer Drive		

Richmond MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	108639	Chesterfield County	ELKHARDT ROAD (0663)	$5,044,000
		#SMART18 - ELKHARDT RD - ROADWAY, PEDESTRIAN, & BIKE IMPROVE		
		FROM: 0.345 miles W RTE 733 (RUTHERS ROAD) TO: 0.002 miles W RTE 733 (RUTHERS ROAD) (0.3400 MI)		
Secondary	106197	Chesterfield County	HOPKINS ROAD (0637)	$3,400,000
		RTE 637 - CONSTRUCT ROUNDABOUT		
		FROM: 0.065 MI S RTE 611 TO: 0.073 MI N RTE 611 (0.1400 MI)		
Secondary	115557	Chesterfield County	INDIAN SPRINGS ROAD (2447)	$775,000
		RTE. 2447 - EXTEND INDIAN SPRINGS RD OVER REEDY CREEK		
		FROM: Cochise TO: Upton (0.0700 MI)		
Secondary	109313	Goochland County	0623	$766,837
		#HB2.FY17 RTE 64 - INSTALL SIGNAL AT RTE 623		
		FROM: 0.10 MI W RTE 623 TO: 0.11 MI E RTE 623 (0.2100 MI)		
Secondary	105733	Goochland County	HOCKETT ROAD (0623)	$5,476,000
		RTE 623 - IMPROVE INTERSECTION		
		FROM: RTE 1006 (HOLLY LN) TO: RTE 250/RTE 623 (ASHLAND RD) (0.5050 MI)		
Secondary	107512	Goochland County	RIVER RD (0650)	$255,872
		RTE 650 - WB TURN LANE EXTENSION PROJECT		
		FROM: 250 feet east of Patterson Ave. TO: Patterson Ave.		
Secondary	53525	Henrico County	CAROLINA AVENUE (9999)	$0
		RTE 9999 - CAROLINA AVENUE - RECONSTRUCTION		
		FROM: LABURNUM AVENUE TO: AZALEA AVENUE (1.5000 MI)		
Secondary	115769	Henrico County	LIBBIE AVENUE (9999)	$1,725,000
		Libbie Avenue Road Diet - Bethlehem Rd to W Broad St		
		FROM: Various TO: Various		
Secondary	109194	Henrico County	PARHAM ROAD (9999)	$4,460,000
		#SMART20 - PARHAM RD TRAFFIC SIGNAL AND SIDEWALK PROJECT		
		FROM: Entrance to JR Tucker HS TO: Homeview Drive (0.4800 MI)		
Secondary	110910	Henrico County	PARHAM ROAD (9999)	$446,000
		#SMART18 - Parham Rd Pedestrian & Transit Stop Improvements		
		FROM: .46 mi E. of Broad Steet on Parham Road TO: HUNGARY SPRING ROAD (0.5400 MI)		
Secondary	104148	Henrico County	SADLER ROAD (9999)	$27,106,587
		SADLER RD - RECONSTRUCTION		
		FROM: 0.005 MI WEST OF DOMINION BLVD TO: 0.030 MI EAST OF CEDAR FOREST ROAD (1.8830 MI)		
Secondary	106299	Henrico County	VARIOUS (9999)	$1,615,000
		PEDESTRIAN & SIGNAL IMPROVEMENTS - VARIOUS LOCATIONS(AZALEA)		
		FROM: VARIOUS TO: VARIOUS		
Secondary	109951	Henrico County	VARIOUS (0000)	$9,805,731
		Henrico County Automated Traffic Management System (ATMS)		
		FROM: Various TO: Various		
Secondary	110710	New Kent County	DISPATCH ROAD (0613)	$568,443
		RTE 613 - MINOR WIDENING PHASE II		
		FROM: .21 MI S. Int. Rte. 675 (Arrowhead Rd.) TO: Quaker Road (1.1500 MI)		
Secondary	90931	Powhatan County	HUGUENOT TRAIL (0711)	$3,580,773
		#SMART18 - ROUTE 711 - INTERSECTION IMPROVEMENTS		
		FROM: 0.0823 Miles West of Proposed Route 607 TO: 0.1402 Miles East of Proposed Route 607 (0.2225 MI)		

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	112042	Ashland	S WASHINGTON HWY (0001)	$9,944,379
		ROUTE 1 IMPROVEMENTS: ASHCAKE RD TO ARBOR OAK DR		
		FROM: 0.056 MI N OF ASHCAKE RD TO: 0.010 MI S OF ARBOR OAK DR (0.4300 MI)		
Urban	111701	Richmond	0000	$1,911,080
		#SMART18 - Smart Cities: Centr. Transit SP / EV Preemption		
		FROM: various TO: various		
Urban	100564	Richmond	6 LOCATIONS (0000)	$1,198,180
		CITY OF RICHMOND - UPGRADE SIGNALS		
		6 LOCATIONS		
Urban	113812	Richmond	9999	$1,444,200
		Traffic Control Signals		
		FROM: VARIOUS TO: VARIOUS		
Urban	100562	Richmond	CARY STREET (0147)	$583,077
		Rte 147 - Install Ped X-Walks, ADA Ramps and Pave Markings		
		FROM: Nansemond Street TO: Colonial Avenue		
Urban	104281	Richmond	DEEPWATER TERMINAL ROAD (U000)	$4,497,000
		DEEPWATER TERMINAL RD - EXTEND EXISTING ROADWAY		
		FROM: END EXISTING DEEPWATER TERMINAL RD TO: GOODES ST (0.6900 MI)		
Urban	111702	Richmond	E. 9TH ST. (0060)	$3,308,613
		#SMART18 - US60 / Downtown Expy Gateway Ped Improvements		
		FROM: 0 TO: 0		
Urban	15959	Richmond	HULL STREET (0360)	$21,099,700
		#SMART18 - I US360 HULL STREET SAFETY / OPS IMPROVE PHASE I		
		FROM: Hey Road TO: Warwick Road (1.5000 MI)		
Urban	111703	Richmond	HULL STREET (0360)	$4,060,829
		#SMART18 - US360 Hull St Streetscape, 9th St - Mayo Bridge		
		FROM: 9TH STREET TO: MAYO BRIDGE		
Urban	93395	Richmond	HULL STREET ROAD (0360)	$1,520,277
		RTE 360 - IMPROVE INTERSECTION		
		FROM: 1288' W of Elkhardt Rd/Hull St. Rd Intersection TO: 348' E of Orcutt Ln/Hull St. Rd Intersection (0.2100 MI)		
Urban	109311	Richmond	LABURNUM AVENUE (0000)	$2,435,580
		#HB2.FY17 LABURNUM AVE - IMPROVE INTERCHANGE AT RTE 195		
		FROM: 0.019 MI W RTE 195 SB OFF RAMP TO: 0.105 MI E RTE195 NB OFF RAMP (0.1940 MI)		
Urban	72706	Richmond	MANCHESTER BRIDG (U000)	$9,000,000
		CITY OF RICHMOND - PAINTING & REHABILITATION		
		FROM: MCDONOUGH STREET TO: EAST BYRD STREET		
Urban	109310	Richmond	U000	$28,042,650
		#HB2.FY17 SHOCKOE VALLEY ST IMPROVEMENT		
		FROM: VARIOUS TO: VARIOUS		
Urban	113813	Richmond	VARIOIUS (9999)	$560,000
		Bus Transfer Center - Pedestrian Improvements @US360 SR161		
		FROM: VARIOUS TO: VARIOUS		
Urban	105890	Richmond	VARIOUS (U000)	$6,134,232
		SIGNAL SYSTEM		
		FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS		

Richmond MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	113811	Richmond	VARIOUS (9999)		$1,418,800
		Systemic Sight Distance - Traffic Signals			
		FROM: VARIOUS TO: VARIOUS			
Urban	114701	Richmond	VARIOUS (U000)		$1,540,000
		PSAP - Pedestrian Facility Improvements in Richmond			
		FROM: VARIOUS TO: VARIOUS			
Construction : Safety/ITS/Operational Improvements Total					$471,215,965

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	106503	Richmond	0095		$504,706
		RTE 95 - LANDSCAPE AND GATEWAY SIGN AT RTE 64			
		FROM: AT RTE 64E GORE TO: _			
Enhancement	111105	Chesterfield County	RIDGEDALE PARKWAY (3259)		$1,544,529
		STRATTON PARK PED IMPROVEMENTS			
		FROM: 0.330 mi. W of Rt. 10 (Iron Bridge Rd) TO: Rt. 2145 (Ronson Rd) (0.9320 MI)			
Enhancement	91209	Richmond	EN08		$462,500
		Maymont Park - Transportation Museum Exhibit Restorations			
		Maymont Park			
Enhancement	105318	Richmond District-wide	VIRGINIA CAPITAL TRAIL (EN13)		$583,113
		VIRGINIA CAPITAL TRAIL - RICHMOND EAST - SEGMENT 2			
		FROM: GREAT SHIPLOCK PARK TO: ASH ST (0.2100 MI)			
Enhancement	106184	Henrico County	EN14		$129,818
		VIRGINIA CAPITAL TRAIL - DOREY PARK CONNECTION			
		FROM: DOREY PARK RD - LOWER PARKING LOT TO: VIRGINIA CAPITAL TRAIL, PARK PHASE (0.4000 MI)			
Enhancement	106182	Richmond	EN14		$346,876
		MAIN ST & FRANKLIN ST - CYCLE TRACK			
		FROM: 9TH STREET TO: LAUREL STREET			
Enhancement	109084	Henrico County	EN16		$314,215
		SHORT PUMP PARK TRAILS			
Enhancement	109294	Richmond	1ST, 2ND & 3RD STREET (EN16)		$307,000
		1ST, 2ND & 3RD STREET BIKE LANES			
		FROM: Spring Street TO: East Duval Street			
Enhancement	109295	Richmond	29TH STREET (EN16)		$782,427
		29TH STREET BIKE-WALK BOULEVARD			
		FROM: N. 25th Street TO: Libby Terrace			
Enhancement	111161	Richmond	EN17		$718,000
		BELVIDERE STREET GATEWAY - PHASE IV			
		FROM: Idlewood Avenue TO: Rowe Street			
Enhancement	111162	Richmond	EN17		$380,000
		GREENE ES SIDEWALKS			
		FROM: Clarkson Court TO: Catalina Drive (1.0000 MI)			

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Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	111163	Richmond	EN17		$360,000
		MAYMONT AREA SIDEWALKS			
		FROM: Hampton Street TO: South Meadow Street			
Enhancement	111164	Richmond	BROAD STREET (EN17)		$125,000
		BROAD ST PEDESTRIAN HYBRID BEACON			
		FROM: 150 feet West of 16th St TO: 250 feet West of 16th St			
Enhancement	111165	Richmond	EN17		$149,675
		ADA TRANSIT STOP IMPROVEMENTS			
		FROM: Various TO: Various			
Enhancement	113439	Chesterfield County	EN18		$1,180,000
		Bon Air Pedestrian Improvements			
		FROM: Western Road at McRae Road TO: Quaker Lane at Rockaway Road (1.1100 MI)			
Enhancement	113440	Chesterfield County	EN18		$900,000
		Clover Hill Area School Ped Improvements			
		FROM: Quail Hill Drive TO: Hunts Bridge Lane (0.5500 MI)			
Enhancement	113430	Goochland County	EN18		$250,000
		West Creek Trail			
		FROM: West Creek Emergency Center TO: Virginia Farm Bureau (1.6300 MI)			
Enhancement	113476	Henrico County	WOODMAN ROAD (EN18)		$365,000
		Woodman Road Extended - Multi-Use Trail			
		FROM: Greenwood Road TO: River Mill Development (0.6000 MI)			
Enhancement	113429	Richmond	STONY RUN ROAD (EN19)		$525,000
		GILLIES CREEK GREENWAY - PHASE III			
		FROM: GOVERNMENT ROAD TO: SCHER ROAD (_)			
Enhancement	105132	Chesterfield County	EN95		$359,546
		FALLING CREEK TRAIL & TRAILHEAD, PH 2			
		FROM: NA TO: NA			
Miscellaneous	T18924	Richmond District-wide	0000		$0
		CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL			
Miscellaneous	108887	Chesterfield County	9999		$890,000
		#SMART18 - HARROWGATE ROAD/COUGAR TRAIL - PEDESTRIAN IMPROVE			
		FROM: Various TO: Various			
Primary	113843	Chesterfield County	JEFFERSON DAVID HIGHWAY (0001)		$1,250,000
		Route 1 (Merriewood Rd to Elliham Ave) Sidewalk			
		FROM: Merriewood Road TO: Elliham Ave (0.3200 MI)			
Primary	115415	Chesterfield County	JEFFERSON DAVIS HIGHWAY (0001)		$3,331,242
		#SMART20 - Rt 1 (Falling Ck. Wayside - Food Lion) Bike/Ped			
		FROM: Falling Ck. Wayside TO: Food Lion (0.6300 MI)			
Primary	86280	Henrico County	VIRGINIA CAPITAL TRAIL - VARINA PHASE (0005)		$17,975,393
		RTE 5 - VIRGINIA CAPITAL TRAIL - VARINA PHASE			
		FROM: FR 0.52 MI W ALMOND CR TO 0.10 MI E WOOD MILL RD TO: FR 0.16 MI W FOURMILE CR TO 0.14 MI W LONG BRIDGE RD (8.0850 MI)			
Primary	115201	Henrico County	PATTERSON AVENUE (0006)		$1,366,000
		Patterson Avenue Sidewalks			
		FROM: Sweetbriar Road TO: Horsepen Road (0.2300 MI)			

Richmond MPO

Construction : Transportation Enhancement/Byway/Non-Traditional

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	115063	Chesterfield County	MIDLOTHIAN TURNPIKE (0060)	$5,504,000
		Route 60 (Ruthers Rd-Stonebridge Plaza Ave) Shared-Use Path		
		FROM: Ruthers Road TO: Stonebridge Plaza Ave (0.6300 MI)		
Primary	113445	Richmond	SEMMES AVE (US 60) (0060)	$500,000
		RTE 60 (SEMMES AVE) - PED IMPRV PH II		
		FROM: FOREST HILL AVE TO: 34th ST		
Primary	113446	Richmond	SEMMES AVE (US 60) (0060)	$300,000
		RTE 60 (SEMMES AVE)- PEDESTRIAN IMPRV. PH I		
		FROM: FOREST HILL AVE TO: 33rd ST		
Primary	97688	Charles City County	COURTHOUSE ROAD (0155)	$1,962,000
		RTE 155 - SHARED-USE PATH		
		FROM: 0.0120 Miles South of Rte. 5 TO: 0.512 Miles North of Rte. 5 (0.5250 MI)		
Primary	115784	Chesterfield County	MEADOWDALE BLVD (0160)	$3,660,000
		Meadowdale Blvd (Dalebrook Drive to Beulah Rd) Ped-Bike Imps		
		FROM: Dalebrook Drive TO: Beulah Road		
Primary	115555	Richmond	MIDLOTHIAN TURNPIKE (9999)	$1,612,000
		#SMART20 - Scott's Add BRT Station Ped Safety/Streetscape		
		FROM: various TO: various		
Primary	113447	Richmond	14TH ST (US 360) (EN19)	$487,000
		CANAL WALK (CAP TRAIL CONN) PH I		
		FROM: 1701 DOCK ST TO: 1201 E. BYRD ST		
Primary	113490	Richmond	STONY RUN ROAD (EN19)	$525,000
		GILLIES CREEK GREENWAT PH II		
		FROM: WILLIAMSBURG AVE TO: GOVERNMENT ROAD (0.5000 MI)		
Primary	113492	Richmond	14 ST (US 360) (EN19)	$550,000
		CANAL WALK (CAP TRAIL CONN) PH II		
		FROM: 1701 DOCK ST TO: 1201 E. BYRD ST		
Primary	113835	Richmond	VARIOUS (U000)	$960,000
		Transit Stop Access and Sidewalk Improvement Program		
		FROM: various TO: various		
Secondary	113846	Chesterfield County	EARLY SETTLERS RD (1775)	$1,170,000
		Early Settlers Rd Sidewalk: Robius Rd to Hospital/Park		
		FROM: Robius Road TO: Hospital/Huguenot (0.2500 MI)		
Secondary	108885	Chesterfield County	HOPKINS ROAD (0637)	$967,200
		#SMART18 - HOPKINS ROAD SIDEWALK (BONNIEBANK RD TO S MELODY)		
		FROM: Route 2308 (South Melody Road) TO: Rte. 2393 (Bonniebank Road) (0.0600 MI)		
Secondary	115411	Henrico County	LABURNUM AVENUE (9999)	$3,054,000
		#SMART20 - N Laburnum Ave Ped and Transit Improvements		
		FROM: Harvie ES TO: Creighton Rd		
Secondary	109190	Henrico County	LABURNUM AVENUE (9999)	$833,973
		LABURNUM AVENUE SIDEWALK		
		FROM: Route 360 TO: Bolling Road		
Secondary	113833	Henrico County	THREE CHOPT RD (9999)	$2,165,000
		Three Chopt Rd Sidewalk Impr. (Dinwiddie Ave to Bexhill Rd)		
		FROM: Dinwiddie Avenue TO: Bexhill Rd (0.3800 MI)		

Richmond MPO

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	115408	Richmond	BOULEVARD (9999)		$2,992,481
		#SMART20 - Blvd Shared Use Path to Science Mus BRT Station			
		FROM: Broad St. TO: N. Boulevard			
Urban	56419	Richmond	EN00		$596,767
		LANDSCAPE, CONST SIDEWALK, CROSSWALK & LIGHTING IMPROVEMENTS			
		ALONG THE EAST BROAD STREET CORRIDOR			
Urban	115556	Richmond	LEIGH STREET (9999)		$6,608,000
		#SMART20 - US 33 Leigh St Streetscape Improvements			
		FROM: 4th Street TO: MLK Bridge			
Urban	115409	Richmond	MAURY STREET (9999)		$4,618,000
		#SMART20 - Maury St Streetscape Phase II			
		FROM: I-95 Roundabout Interchange project TO: Commerce Road			
Urban	112105	Richmond	VARIOUS (VBTP)		$1,222,464
		Biotech Park Transportation Imp - Phase III			
		FROM: Biotech Park Boundary TO: Biotech Park Boundary (0.2500 MI)			
Urban	115410	Richmond	VARIOUS (9999)		$2,057,000
		#SMART20 - Riverfront/Orleans BRT Station Ped Safety/Streets			
		FROM: various TO: various			
Urban	115416	Richmond	VARIOUS (9999)		$4,900,000
		#SMART20 Shockoe Bottom BRT Station Ped Safety/Streetscape			
		FROM: various TO: various			
Urban	109306	Richmond	WEST BROAD STREET (U000)		$6,020,287
		#HB2.FY17 WEST BROAD - STREETSCAPE			
		FROM: HAMILTON ST TO: LAUREL ST (2.2100 MI)			
Construction : Transportation Enhancement/Byway/Non-Traditional Total					$88,365,212

Maintenance : Preventive Maintenance and System Preservation

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14699	Richmond	District-wide	0000	$128,026,686
		STIP-MN Richmond: Preventive MN and System Preservation			
Maintenance : Preventive Maintenance and System Preservation Total					$128,026,686

Maintenance : Preventive Maintenance for Bridges

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14700	Richmond	District-wide	0000	$104,922,106
		STIP-MN Richmond: Preventive MN for Bridges			
Maintenance : Preventive Maintenance for Bridges Total					$104,922,106

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Maintenance : Traffic and Safety Operations

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14701	Richmond District-wide	0000		$18,232,749
		STIP-MN Richmond: Traffic and Safety Operations			
Maintenance : Traffic and Safety Operations Total					$18,232,749
Richmond MPO Total					**$856,516,900**

AMENDMENTS AND ADMINISTRATIVE MODIFICATIONS

TIP AMENDMENT AND ADMINISTRATIVE MODIFICATION PROCESS

The TIP is an ever-evolving list of transportation priorities. It changes on a regular basis to include new projects or project phases. Inclusion in the TIP allows these projects to progress toward implementation by beginning the federal authorization process. There are two options for changing the TIP; amendments and administrative modifications. TIP amendments are generally defined as the adding or deleting a project from the TIP period, significantly changing a project scope, increasing a project cost substantially, or major revisions to a project's implementation schedule. If a proposed revision merits a TIP amendment, the revision must be reviewed by TAC and approved by the RRTPO before it is processed. TIP modifications are generally defined as minor project changes and may be processed by RRTPO staff.

Federal regulations for the TPO's planning and programming process (see CFR Part 450, Subpart A – Transportation Planning and Programming Definitions; Section 450.104) define amendment and administrative modification (also referred to in the TPO process as adjustment) as follows:

> **Amendment-** A revision to a long-range statewide or metropolitan plan, Transportation Improvement Program (TIP) or Statewide Transportation Improvement Program (STIP) that involves a major change to a project included in a metropolitan plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes or changing the number of stations in the case of fixed guideway transit projects). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, and a re-demonstration of fiscal constraint.
>
> **Administrative modification-** A minor revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that includes minor changes to project/project phase costs, minor changes to funding sources of previously-included projects, and minor changes to project/project phase initiation dates. An administrative modification is a revision that does not require public review and comment, or a re-demonstration of fiscal constraint.

The following briefly describes the public review process and procedure for TIP adjustments and amendments:

ADMINISTRATIVE MODIFICATIONS (ADJUSTMENTS)

Requests for adjustments are initiated by VDOT.

Proposed adjustments are submitted to the appropriate local government or regional transportation agency TAC member for their review and concurrence.

Upon reviewing TAC member concurrence, the TIP project description is updated to reflect the proposed adjustment. Documentation of such adjustment action is provided for each project (included as part of the project description).

Staff notice (memorandum on TIP adjustment action and documentation) is prepared and submitted to VDOT for VDOT records and files, and to FHWA and to appropriate local government or regional transportation agency TAC member (and to DRPT's TAC member for transit/FTA funded projects).

Updated/adjusted TIP document is posted on the TPO website.

AMENDMENTS

Requests for proposed TIP amendments are initiated by VDOT.

Proposed amendments are submitted for TAC review and recommendation.

Staff report on proposed amendment and TAC's recommendation is submitted for review and action by the TPO (included as part of the TPO agenda distributed to the TPO and posted on the TPO website).

Open public comment posted is held at the beginning of each TPO board meeting. Citizens are allowed to address/provide comments on any matter including items that are on the TPO meeting agenda (e.g. proposed TIP amendments).

Following TPO approval action, staff notice (memorandum on TIP amendment action and documentation) is prepared and submitted to VDOT for VDOT records and files, and to FHWA and to appropriate local government or regional agency TAC member (and to DRPT's TAC members for transit/FTA funded projects).

Updated/amended TIP document is posted (in final form if any edits/changes are made) on the TPO website.

APPENDIX A: PROJECT STATUS

Richmond Region Transportation Planning Organization (RRTPO)

Transportation Improvement Program for FY 2018 - FY 2021

Major Highway and Transit Projects Status

1. Projects Completed

Route	Jurisdiction	UPC	Street Name	Project Name	Project Limits	STIP Cost	CN Status
Rt 1	Chesterfield	15988	Jefferson Davis Hwy	Bridge replacement & mod. LTL	0.351 MN Rt 145 (Chester Rd)	$18,851,026	Complete
Rt 60	Chesterfield	15834	Rt 60	Reconstruction	0.058 km E of W city line to 2.850 km E of W city line	$48,410,096	Complete
Rt 60	Chesterfield	102959	Midlothian Tnpk	Widening to 6 lanes	Rt 677 (Old Buckingham Rd) to Rt 627 (Alverser Dr)	$10,219,770	Complete
I-295	Chesterfield	70550	I-295	Construct interchange	At Meadowville Rd (Rt 618)	$12,139,129	Complete
I-64	Goochland	70542	I-64	Widening from 4 lanes to 6 lanes	0.99 MW Rt 623 to 0.38 MW Rt 295	$37,228,831	Complete
Rt 360	Hanover	17768	Mechanicsville Tnpk	Widening from 4 to 6 & 8 lanes	Rt 295 N bridge to Rt 1133 (Wynbrook Ln)	$14,561,500	Complete
Rt 360	Hanover	17959	Mechanicsville Tnpk	Bridge replacement	0.498 MW Henrico CL to 0.164 ME Henrico CL	$12,456,878	Complete
Rt 147	Henrico	16519	Huguenot Bridge	Replacement	0.2 MS River Rd to 0.2 MW River Rd	$53,940,378	Complete
	Richmond	100498	South of James River	City signal systems	South of James River	$10,804,348	Complete

Source: - VDOT FY 2018 - FY 2021 STIP.

- FY 2018 - FY 2021 TIP.

- VDOT Project Cost Estimating System (PCES).

2. Advertised for Construction/Under Construction

Route	Jurisdiction	UPC	Street Name	Project Name	Project Limits	STIP Cost	CN Status
Rt 10	Chesterfield	101020	West Hundred Rd/Meadowville Rd/Old Bermuda Hundred Rd/Rivers Bend Blvd	#HB2. FY17 Rt 10 (Bermuda Triangle Rd to Meadowville Rd)	1.73 MW Rt 618 (Old Bermuda Hundred Rd) to 0.27 ME Rt 618	$64,637,849	Underway
Rt 10	Chesterfield	102952	W Hundred Rd	Widen to 6 lanes	0.087 MW Rt 1 (Jefferson Davis Hwy) to 0.507 ME Rt 1	$10,763,346	Underway
Rt 288	Chesterfield	111467	World War Veterans Memorial Hywy	WB off-ramp	Rt 288 to WB Rt 360 WB	$14,561,500	Underway
Rt 656	Hanover	104957	Sliding Hill Rd	Sliding Hill Rd corridor	0.35 MW Rt 1265 (Totopotomoy Trail to 0.676 ME Rt 1265	$11,373,620	Underway
Rt 1	Richmond	15955	Jefferson Davis Hwy	Major widening	0.008 MS Chesterman Ave to 0.045 MN Fairfax Ave	$11,602,886	Underway
I-195	Richmond	93087	I-195	Bridge repair over Rt 76	0.145 MN Rt 76 to 0.071 MS Rt 76	$15,291,000	Underway
	Richmond	19035	Jahnke Rd	2 lane improvements	Blakemore Rd to Forest Hill Ave	$15,079,805	Underway
	Richmond	19036	Forest Hill Ave	Improvements	Hathaway Rd to Powhite Pkwy	$12,700,956	Underway
	Richmond	15958	Commerce Rd	Widening	Bells Rd (south junction) to 0.13 MN Bellemeade Rd	$20,945,000	Underway

Source: - VDOT FY 2018 - FY 2021 STIP.
- FY 2018 - FY 2021 TIP.

3. Projects Programmed for Preliminary Engineering and/or Construction

Route	Jurisdiction	UPC	Street Name	Project Name	Project Limits	STIP Cost	CN Status
I-95	Chesterfield	111466	I-95	I-95 Aux lanes (nb & sb)	Between Rt 288 and Rt 10	$28,770,000	FFY22
Rt 10	Chesterfield	104889	Ironbridge Rd	Widening	Whitepine Rd to Frith Ln	$15,200,000	FFY23
Rt 360	Chesterfield	15959	Hull Street	Safety /OPS improve Phase I	Hey Rd to Warwick Rd	$20,778,946	FFY21
	Chesterfield	111713	Bailey Bridge conn,	Bailey Br Conn, Brad McNeer Conn	Brad MCNeer Pkwy to Bailey Br Rd	$22,960,000	FFY23
Rt 360	Hanover	13551	Mechanicsville Tnpk	Rt 360 Widening	0.61 MW Rt 643 (Lee Davis Rd) to 0.18 ME Rt 643	$23,894,526	FFY21
I-64	Henrico	107458	I-64	Major widening	Rt 295 to Bottoms Bridge (Exit 205)	$50,490,434	FFY21
Rt 627	Henrico	111716	Richmond-Henrico Tnpk	Reconstruction w/ added capacity: South segment	Laburnum Ave to Hummingbird Rd	$18,642,000	FFY22
Rt 627	Henrico	110911	Richmond-Henrico Tnpk	Reconstruction w/ added capacity: North segment	Hummingbird Rd to 0.69 MN Azalea Ave	$11,425,000	FFY22
	Henrico	104148	Sadler Rd	Reconstruction	0.005 MW Dominion Blvd to 0.03 ME Cedar Forest Rd	$27,106,587	FFY23

Source: - VDOT FY 2018 - FY 2021 STIP.
- FY 2018 - FY 2021 TIP.
- VDOT Project Cost Estimating System (PCES).

APPENDIX B: PUBLIC PARTICIPATION

Appendix B – Public Participation

Introduction

The Richmond Regional Transportation Planning Organization (RRTPO) firmly believes in the principle of public participation and maintains a public participation process for the development of all regional transportation plans and programs. Regarding the TIP development, federal regulations stipulate that the TIP development process must include opportunities for public involvement (23 CFR 450.324(b)), as outlined in the RRTPO's Public Participation Plan (23 CFR 450.316(a)).

Process

The RRTPO's Public Participation Plan (PPP) was approved June 2, 2016 and outlines the standard steps for the TIP update process. A new Public Engagement Plan was adopted in March 2020 to replace the PPP. These two documents guided engagement efforts for developing the TIP.

	Process Steps	Completion Date
1	Staff develops draft schedule for VDOT, FHWA, and TPO review.	September 2019
2	Presentation of the draft TIP schedule to the Executive Committee. The development of the TIP was referred to TAC to oversee.	October 3, 2020
3	Presentation of the draft TIP schedule to TAC for approval.	October 8, 2020
4	Request for TPO member jurisdiction and agency input on projects and obligation schedule for the four-year fiscal year program cycle.	December 2019 – January 2020
5	TPO staff develops the draft TIP in collaboration with VDOT for information on previous obligations, estimates by phase and project schedule information for projects as requested by the TPO.	December 2019 – January 2020
6	Draft TIP is provided to the TAC for review and recommendation to open a public comment period.	January 14, 2020
7	TPO review and action to open the public comment period.	February 6, 2020
8	Public review of the Richmond Regional TPO TIP (45-day period) and staff review and response to public comments.	February 17, 2020
9	TAC review and action to recommend the final draft TIP to the TPO.	May 12, 2020
10	TPO review and action on the final draft TIP.	June 4, 2020
11	Submission of TIP to VDOT for incorporation into the Statewide TIP, including VDOT submission to FHWA and FTA for approval.	September 2020

Outreach Efforts and Opportunities

Beyond these steps the PPP and new PEP also sets clear guidance for developing the TIP in a manner that requires both broad and targeted outreach. For example, the PPP stipulates requirements of outreach to interested parties and agencies; the PPP outlines input notification requirements and access for public review meetings; and the PPP details requirements for recording public input when it is provided. The guidance from the PPP resulted in the following outreach efforts and opportunities in developing the TIP. Due to the outbreak of COVID-19 and the recommendations around social distancing, the in-person public review meeting scheduled for March 17 was canceled.

TIP Public Involvement Efforts and Opportunities

• Approval of the TIP Development Schedule, RRTPO TAC	October 8, 2020
• Approval to open the TIP Public Review Process, RRTPO Policy Board	February 6, 2020
• Opening TIP and Conformity Review Periods	February 17, 2020
• Publishing of Public Notice in Richmond Times Dispatch and Richmond Free Press	
• Posting of the DRAFT TIP on the RRTPO website	
• Posting of Draft Conformity Report on the RRTPO website	
• Providing access to the DRAFT TIP at GRTC Transit System, RideFinders, VDOT Richmond District and Local Governments	
• Reaching out for input to interested parties (RRTPO stakeholders)	
• Reaching out for input from resources agencies	
• Hosting TIP Public Review Meeting	**CANCELED**
• Closing Air Quality Conformity 30-day Review Period	March 18, 2020
• Closing TIP 45-Day Public Review Period	April 3, 2020

Opportunities to comment on the TIP are not limited to the TIP update process. The TIP is regularly revised to accommodate projects development schedules. The RRTPO welcomes input on specific projects contained in the TIP and the format of the TIP on an on-going basis. It should be noted, that for a project to be added to the TIP it must first progress through a broader continuing, cooperative, and comprehensive (3-C) transportation planning process. The RRTPO is the Richmond region's forum for this 3-C process.

Public Comments and Responses

No public comments were received on the draft TIP.

APPENDIX C: PERFORMANCE BASED PLANNING AND PROGRAMMING

Appendix C – Performance Based Planning and Programming

Introduction

The two most recent federal transportation laws, MAP-21 and FAST Act establish performance measure requirements to ensure states and metropolitan planning organizations (MPOs) are investing transportation funds in projects that collectively will contribute towards the achievement of national goals. The USDOT has published rules for states and MPOs to collect data and establish performance targets that will support performance-based investment decisions. Specifically, this legislation requires MPOs to prepare and set targets for the following federally-established performance measures:

- Roadway Safety
- Pavement Condition
- Bridge Condition
- Roadway Performance
- Freight Movement
- Transit Asset Management and Safety
- On-road mobile source emissions and traffic congestion for CMAQ Program

Under the FAST Act, the Transportation Improvement Programs (TIPs) must include a description of the anticipated effect of the TIP toward achieving the performance targets identified by the MPO. The TIP must also demonstrate the link between investment priorities in the TIP and achievement of performance targets in the plans. A summary of each set of performance targets and the relation to regional programming is included below.

Roadway Safety

RRTPO has generally chosen to adopt the state's performance measures as its own. Roadway safety is the one area of exception. For safety, the RRTPO has adopted more ambitious targets than the statewide targets. These regional targets were adopted in February of 2023. The adopted targets are summarized in Table 1 below.

Table 1: Regional Safety Performance Targets

Fatality Reduction	**+3.69%**
Serious Injury Reduction	**-0.52%**
Non-Motorized Reduction	**-0.86%**
Vehicle Miles Travele (VMT)	**+0.77%**

To achieve these safety targets, funds from the Federal Highway Administration's Highway Safety Improvement Program (HSIP) have been programmed on grouped projects in the RRTPO's FY 2021-2024 TIP, totaling $15,588,020 million. Please note that while these federal requirements are meant to specifically track the federal funding contribution to these types of projects, there are other projects that do not use HSIP funding but do support the safety outcomes.

Safety is a priority for state allocations of other funds. The Smart Scale allocations process adopted by Virginia in 2014 directs the state's Commonwealth Transportation Board (CTB) to develop and use a prioritization process. This process is intended to promote transparency and accountability in the project selection and allocation process. Under Smart Scale, safety is one of six factors used to evaluate projects. Safety is measured by Equivalent Property Damage Only (EPDO) of Fatal and Injury Crashes. Safety accounts for 20% of the overall score for a given project in the Richmond region. The Smart Scale program is expected to continue similar overall weighting for safety in the region moving forward.

In addition to the state funding decisions, regional allocations of Regional Surface Transportation Block Grant (RSTBG) funds also reflect a focus on safety. RSTBG allocations are driven by a scoring and prioritization process which assesses projects on a 100-point scale. The table below summarizes the safety percentage of the total score for applicable project types.

Table 2: RSTBG Project Scoring - Safety

Project Category	Safety Percentage of Score
Roadway Widening	25%
New Facilities/Interchanges	25%
Intersection/Interchange Improvements	25%
Corridor Operation Improvements	20%
Other Transit Projects	30%
Planning Studies	15%
Intelligent Transportation Systems	25%

Pavement Condition

For the pavement condition performance measure, the RRTPO has opted to follow the state's adopted performance targets. As shown in the table below, the Richmond region has performed well in this area, meeting all the targets. Planned obligations for Preventative Maintenance and System Preservation total $128,026,686 over the next four years. This accounts for approximately 16% of the total obligations planned in the TIP.

Table 3: Pavement Condition Performance Targets

Measure	4-Yr Target	Actual
Percentage of Pavement in Good Condition (Interstate)	45%	57.3%
Percentage of Pavement in Poor Condition (Interstate)	<3%	0.2%
Percentage of Pavement in Good Condition (Non-Interstate NHS)	25%	26.9%
Percentage of Pavement in Poor Condition (Non-Interstate NHS)	<5%	1.0%

Bridge Condition

For bridges, RRTPO has chosen not to adopt regional performance measures and follows the targets adopted by the state. The adopted 4-year targets and actual regional performance to-date are summarized in the table below. The Richmond region has not yet met the performance targets in this area.

Table 4: Bridge Condition Performance Targets

Measure	4-Yr Target	Actual
Percentage of Deck Area of Bridges in Good Condition (NBI on NHS)	25.1%	17.7%
Percentage of Deck Area of Bridges in Poor Condition (NBI on NHS)	3.6%	4.1%

Bridge rehabilitation and replacement and preventative bridge maintenance are two categories of grouped projects in the TIP. Planned obligations for bridge rehabilitation or maintenance total $126,841,107 over the 4-years of the TIP. These planned investments are expected to improve the condition of the bridges in the region.

For regional funding, the RSTBG allocations prioritization process scores bridge rehabilitation projects separately from all other project types. Bridge projects are scored on three factors: 1) Bridge Condition, 2) Traffic Volume, and 3) Project Readiness. Projects partially funded through this program include:

- Dundas Road Bridge Replacement
- Mayo Bridge Rehabilitation

Roadway Performance

For roadway performance, RRTPO has adopted the statewide targets. The measure used for roadway performance is a little more complex and requires more data than the previous measures. First, the reliability of the system is calculated using a metric referred to as the Level of Travel Time Reliability (LOTTR). LOTTR is the ratio of the 80th percentile travel time to the 50th percentile travel time. The sections of road deemed reliable undergo further analysis involving the average traffic volume, the direction of traffic flow, and the number of people per vehicle. The result is the number of person-miles that are reliable. The Richmond region currently meets the adopted targets.

Table 5: Roadway Reliability Performance Targets

Measure	4-Yr Target	Actual
Percentage of Person-Miles Traveled that are Reliable (Interstate)	85%	97%
Percentage of Person-Miles Traveled that are Reliable (Non-Interstate NHS)	88%	96%

At the state level, congestion mitigation is one of the six factors used in Smart Scale to evaluate and prioritize projects for funding. The measures used for congestion mitigation are person throughput and person-hours of delay. As congestion impacts the reliability of travel along a road segment, congestion mitigation measures should positively impact the reliability measures.

Finally, many project types funded through the RSTBG program are evaluated for their ability to reduce congestion or improve reliability. The table below summarizes the project types and the percentage of the overall score focused on congestion mitigation.

Table 6: RSTBG Project Scoring - Congestion

Project Category	Congestion Percentage of Score
Roadway Widening	20%
New Facilities/Interchanges	20%

Intersection/Interchange Improvements	20%
Corridor Operation Improvements	20%
New or Expanded Transit Service	10%
Other Transit Projects	25%
Intelligent Transportation Systems	25%

Freight Movement

Moving freight reliably through the region is critical for the economy. The approach to measuring freight reliability is similar to the overall travel time reliability measure discussed above. Truck Travel Time Reliability (TTTR) is the ratio of the 95th percentile travel time to the 50th percentile travel time for trucks. The RRTPO has adopted the statewide performance target and meets this target.

Table 7: Freight Movement Performance Target

Measure	4-Yr Target	Actual
Truck Travel Time Reliability Index	1.64	1.34

In addition to the congestion mitigation factors discussed under Roadway Performance, the RSTBG prioritization process also includes a separate project category for intermodal facilities. These projects are evaluated for their ability to create new linkages between modes and centers, improve intermodal movement, and increase access to distribution centers, industrial clients, and ports. Through the RSTP and CMAQ programs, the region has been able to invest in improvements to the Richmond Marine Terminal and facilitate expansion of the I-64 Express Barge Service. These investments are expected to reduce freight congestion and improve truck travel time reliability in the region.

Transit Asset Management (TAM) and Safety

The federal performance measurement for transit agencies focuses on one area: transit asset management (TAM). The measures look specifically at the percentage of revenue vehicles that have exceeded their Useful Life Benchmark (ULB), the percentage of non-revenue and service vehicles that have exceeded their ULB, and percentage of facilities with a condition below 3.0 on the Federal Transit Administrator's TERM Scale. All transit agencies receiving grants from the FTA are required to complete a TAM plan. The FTA has established two tiers of agencies based on size parameters.

- A Tier I agency operates rail, OR has 101 vehicles or more all fixed route modes, OR has 101 vehicles or more in one non-fixed route mode.
- A Tier II agency is a subrecipient of FTA 5311 funds, OR is an American Indian Tribe, OR has 100 or less vehicles across all fixed route modes, OR has 100 vehicles or less in one non-fixed route mode.

For Tier I providers, any Transportation Improvement Program (TIP) is required to be consistent with the TAM Plans developed by the Tier I transit providers within the MPO as well as the regional performance measures adopted by the MPO as a whole. Within the RRTPO, GRTC Transit Systems is a Tier I provider, as such GRTC is responsible for the development of its TAM Plan. GRTC's TAM Plan can be found here:

http://ridegrtc.com/statistics-reports/projects-plans/transit-asset-management-plan/

For Tier II providers, DRPT has opted to sponsor a group TAM plan. This is a statewide set of targets which all Tier II providers can use rather than adopting their own performance targets. The performance measurements and the targets are as follows for the DRPT Group Plan:

Table 8: Tier II Group Performance Targets

Asset Category – Performance Measure	Asset Class	2020 Target
Revenue Vehicles		
Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AB – Articulated Bus	5%
	BU – Bus	15%
	CU – Cutaway	10%
	MV– Minivan	20%
	BR – Over-the-Road Bus	15%
	VN – Van	20%
Equipment		
Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non-Revenue/Service Automobile	30%
	Trucks and other Rubber Tire Vehicles	30%
Facilities		
Condition - % of facilities with a condition rating below 3.0 on the FTA TERM Scale	Administrative Facilities	10%
	Maintenance Facility	10%
	Passenger Facilities	15%
	Parking Facilities	10%

Regional programming provides opportunities for vehicle replacement to meet the TAM targets. Both the RSTBG and CMAQ programs have project categories which allows transit providers to fund vehicle replacements. Project selection is focused age of vehicles and the potential for emissions reduction. This funding is limited to GRTC; Tier II provider asset replacements are generally funded through the DRPT-administered 5310 grant program.

Congestion Mitigation and Air Quality

As an attainment area under the 2015 National Ambient Air Quality Standards (NAAQS), RRTPO is not required to adopt the CMAQ standards. See Appendix D for more information on Air Quality.

Public Transportation Agency Safety Plan

The Public Transportation Agency Safety Plan (PTASP) final rule (49 C.F.R. Part 673) intends to improve public transportation safety by guiding transit agencies to more effectively and proactively manage safety risks in their systems. It requires certain recipients and sub-recipients of Federal Transit Administration (FTA) grants that operate public transportation to develop and implement safety plans that, establish processes and procedures to support the implementation of Safety Management Systems (SMS). Agencies are required to fulfill this requirement through an individual or group plan. The PTASP rule provides two tiers of requirements for transit agencies based on size and operating characteristics:

- A Tier I agency operates rail OR has 101 vehicles or more all fixed route modes OR has 101 vehicles or more in one non-fixed route mode.
- A Tier II agency is a subrecipient of FTA 5311 funds, OR is an American Indian Tribe, OR has 100 or less vehicles across all fixed route modes OR has 100 vehicles or less in one non-fixed route mode.

The performance measurements and targets for Tier I plans can be found in each agency's individual PTASPs. Which the MPO is including in the TIP via reference. Within the Richmond Regional Transportation Planning Organization, the GRTC Transit System is a Tier 1 provider, as such GRTC Transit System is responsible for the development of its PTASP. GRTC Transit System PTASP was completed on 07/21/2020. It can be found here: www.ridegrtc.com and the PTASP performance targets are included in the Table below. The MPOs planning process integrates the goals, objectives, performance measures and targets described in the plan into its planning and programing process.

Table 8: Tier 1 Measures and targets by asset class

Performance Measures	Targets by Mode	
	Fixed Route	**Paratransit/ Demand Response**
Fatalities (total number of reportable fatalities per year)	0	0
Fatalities (rate per total vehicle revenue miles by mode)	0	0
Injuries (total number of reportable injuries per year)	108	60
Injuries (rate per total vehicle revenue miles by mode)	0.13	0.05
Safety events (total number of safety events per year)	144	96
Safety events (rate per total vehicle revenue miles by mode)	0.22	0.15
Distance between Major Failures	9,500 miles	15,500 miles
Distance between Minor Failures	3,200 miles	5,200 miles

APPENDIX D: AIR QUALITY

Appendix D – Air Quality Conformity Analysis

Introduction

The Richmond-Petersburg Area was previously designated a nonattainment area under the 1997 ozone standard and later a maintenance area before being designated an attainment area under the 2008 ozone standard. The area is currently in attainment for all standards including the 2015 ozone standard.

In February 2018, the D.C. Circuit Court issued a decision in South Coast Air Quality Management District v. EPA which impacted areas like the Richmond-Petersburg Area that had been designated nonattainment and/or maintenance under the 1997 ozone standard but designated attainment under the 2008 ozone standard. One of those impacts is that new, updated, or amended Transportation Improvement Program and Long-Range Transportation Plan must demonstrate conformity in keeping with the anti-backsliding requirements associated with the revocation of the 1997 ozone standard.

A copy of the Transportation Conformity Analysis report which includes the FY 2021-2024 Transportation Improvement Programs and 2040 Long-Range Transportation Plan (as well as the Tri-cities area plans) for the 1997 ozone standard can be found on the RRTPO website. The conformity analysis was prepared in accordance with EPA's November 24, 1993, Final Rule on Criteria and Procedures for Determining Conformity and subsequent rulemakings related to ozone. The RRTPO resolution approving the conformity analysis is attached as an informational item.

Richmond Regional
Transportation
Planning Organization

RRTPO POLICY BOARD AGENDA 5/7/20; ITEM B.4.

AIR QUALITY CONFORMITY REPORT

Richmond Regional Transportation Planning Organization

On motion of Patricia S. O'Bannon, seconded by William G. Coada, the Richmond Regional Transportation Planning Organization (RRTPO) policy board unanimously approved the following resolution:

RESOLVED, that the Richmond Regional Transportation Planning Organization policy board approves the Richmond and Tri-Cities Regional Conformity Report as presented.

****

This is to certify that the Richmond Regional Transportation Planning Organization policy board approved the above resolution at its meeting held May 7, 2020.

WITNESS:

Nicole Mueller Digitally signed by Nicole Mueller

Nicole Mueller
Program Coordinator
PlanRVA

BY:

Digitally signed by Chet Parsons
Date: 2020.05.08 10:42:11 -04'00'

Chet Parsons
Secretary
Richmond Regional Transportation Planning Organization

APPENDIX E: RESOLUTION OF APPROVAL & CERTIFICATION

Appendix F – Approval & Self-Certification

Self-Certification Requirement

In accordance with Federal regulations (23 CFR 450.336) metropolitan planning areas (MPAs) must certify at least every four years, concurrent with the submittal of the entire proposed Transportation Improvement Program (TIP) as part of the Statewide Transportation Improvement Program, that the metropolitan transportation planning and programming process is being carried out in accordance with applicable requirements. The Code of Federal Regulation (CFR) citations are enumerated in the signed Self-Certification. More details regarding the Richmond Regional Transportation Planning Organization's compliance with these regulations are summarized below.

Metropolitan Planning Requirement

Federal regulations describe the requirements of metropolitan planning, specifically the establishment of a forum to carry out a continuing, cooperative, and comprehensive multimodal transportation planning process (3-C Process), which includes the development of a Metropolitan Transportation Plan (*plan2040*) and a Transportation Improvement Program. The RRTPO continues to administer the "3-C Process" in compliance with Federal regulations and will complete updates to the Metropolitan Transportation Plan and the Transportation Improvement Program within the same state fiscal year, FY17. The signing of the Self-Certification demonstrates the RRTPO's commitment to adhering to these Federal regulations.

Air Quality Attainment Requirement

Federal regulations define the requirements of air quality conformity in relation to metropolitan planning and programming activities. In areas that do not attain air quality standards (non-attainment areas) or areas that have recently attained these standards (maintenance areas), metropolitan planning area must demonstrate that their transportation planning and programming process achieves conformity, meaning that air quality is not adversely affected by transportation projects. While the RRTPO has been designated an attainment area under the current national standards, the region is still required to conduct a conformity review under the previous 1997 8-Hour Ozone standards. More information on the conformity analysis is included in the Appendix D. The signing of the Self-Certification demonstrates the RRTPO's commitment to adhering to these Federal regulations.

TITLE VI, Environmental justice, and non-discrimination

Federal regulations designate requirements that metropolitan planning areas administer transportation planning and programming activities in a manner that ensures nondiscrimination within all programs and projects. The three primary federal nondiscrimination statutes are the Title VI of the Civil Rights Act of 1964, which prohibits discrimination based upon race, color, and national origin; the 1994 Presidential Executive Order on Environmental Justice (12898), which requires the involvement of all people regardless of age, disability, sex, race, ethnicity, income or education level; and the 2000 Presidential Executive Order on Limited English Proficiency (13166), which requires the involvement of all people regardless of English language proficiency. The RRTPO administers a robust Title VI and Environmental Justice program that impacts all areas of the transportation planning and programming process. The signing of the Self-Certification demonstrates the RRTPO's commitment to adhering to these Federal regulations.

Richmond Regional
Transportation
Planning Organization

RRTPO POLICY BOARD AGENDA 6/4/20; ITEM B.2.

DRAFT FFY21-24 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Richmond Regional Transportation Planning Organization

On motion of Patricia S. O'Bannon, seconded by Patricia A. Paige, the Richmond Regional Transportation Planning Organization (RRTPO) policy board unanimously approved the following resolution:

RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board adopts the FY21-FY24 Transportation Improvement Program as presented.

FURTHER RESOLVED, that the Virginia Department of Transportation and the RRTPO policy board, hereby certify that in accordance with 23 Code of Federal Regulations Part 450 Section 336 Self-certification and Federal certifications, the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including:

(1) 23 U.S.C. 134, 49 U.S.C. 5303 (Highways and Transit), and 23 CFR 450 subpart B – Metropolitan Planning;

(2) Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;

(3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;

(4) 49 U.S.C. 5332, prohibiting discrimination, on the basis of race, creed, national origin, sex or age in employment or business opportunity;

(5) Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;

(6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;

(7) Provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et.seq.) and 49 CFR parts 27, 37, and 38;

(8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;

(9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and

(10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

This is to certify that the Richmond Regional Transportation Planning Organization policy board approved the above resolution at its meeting held June 4, 2020.

Attest:

Richmond Regional
Transportation Planning Organization

By: _____

Chet Parsons
RRTPO Secretary

Date: June 4, 2020

By: _____

John Hodges
RRTPO Chair

Date: June 5, 2020

Attest:

Virginia Department of
Transportation

By: _____

Printed Name: MARK RIBLETT

Title: ADA-PE&P IM, VDOT, Richmond Dist.

Date: June 8, 2020

By: _____

Printed Name: SHANE MANN

Title: DISTRICT ENGINEER - RICHMOND

Date: JUNE 8, 2020