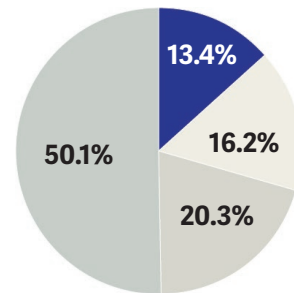


# 4.0 Financial Programming

The RRTPO is responsible for the development and maintenance of the Transportation Improvement Program (TIP), which monitors federally-funded transportation projects as they move from planning to implementation. The RRTPO also oversees project selection for several regionally-focused funding programs, and is an active agent in the development of regional-scale project applications submitted for statewide transportation funds and inclusion in the Six-Year Improvement Program (SYIP).



## KEY WORK EFFORTS

### 4.1 Transportation Improvement Program (TIP)

The TIP is the region's collaborative list of transportation investment priorities. It includes all transportation projects (highway, transit, bicycle, pedestrian, airport access, rail, and freight-related), which are federally funded. The RRTPO is responsible for updating the TIP, in concert with the State, every three years and maintaining the TIP project obligation information on an on-going basis.

### 4.2 Six-Year Improvement Program (SYIP)

The SYIP outlines planned spending for all transportation projects statewide. The RRTPO contributes to the development of the SYIP by overseeing three regional funding programs: Regional Surface Transportation Block Group (RSTBG), Congestion Mitigation and Air Quality (CMAQ), and Transportation Alternatives Set-Aside (TA); and developing applications for regional-scale transportation improvements through the SMART SCALE process.

1.0	Program Management	\$ 376,532
2.0	Transportation Planning	\$ 927,126
3.0	Data & Modeling Applications	\$ 300,355
<b>4.0</b>	<b>Financial Programming</b>	<b>\$ 248,352</b>
<b>Total RRTPO Budget</b>		<b>\$ 1,852,365</b>

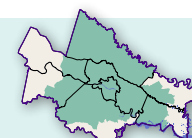
FY19		plan2040 GOALS							
WORK TASK	Access to Employment	Congestion Mitigation	Environment & Air Quality	Freight Mobility	Multimodal Connectivity	Preservation & Maintenance	Safety & Security	System Reliability	Transportation & Land Use Integration
4.1		✓	✓	✓	✓	✓	✓	✓	
4.2		✓	✓	✓	✓	✓	✓	✓	

## plan2040

There are two work tasks identified as part of the Financial Programming section of the UPWP. These tasks align with the goals in plan2040, the regional long-range transportation plan. Each of these work tasks are addressed in key work efforts.

## PARTNERS

VDOT, DRPT, DEQ, POV, GRTC, RideFinders, CRAC, RMTA, FHWA, FTA, EPA, Paratransit Operators, Freight Operators, Local Governments, Local Transportation Interest Groups



Progress Timeline



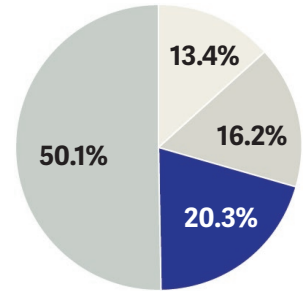
# 1.0 Program Management

## our mission

/// 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 throughout the Richmond region. ///

The RRTPO works to achieve regional goals through a multimodal, continuing, comprehensive, and cooperative planning and programming process, which involves the policy board and associated standing committees, interested parties and the public.

The RRTPO programs and activities are administered and managed by the RRPDC.



## KEY WORK EFFORTS

### 1.1 Program Management

Providing on-going support dedicated to the administration of the RRTPO.

### 1.2 Unified Planning Work Program

Focusing on the maintenance of the current UPWP and the annual preparation of the upcoming UPWP.

<b>1.0 Program Management</b>	<b>\$ 376,532</b>
2.0 Transportation Planning	\$ 927,126
3.0 Data & Modeling Applications	\$ 300,355
4.0 Financial Programming	\$ 248,352
<b>Total RRTPO Budget</b>	<b>\$ 1,852,365</b>

## PROGRAM DEVELOPMENT & PLANNING PRIORITIES

As part of the UPWP development process, a summary of work tasks based on anticipated needs for the RRTPO is developed. The FY19 UPWP focuses on the following areas:

### ◆ Federal Certification Review Comments, FAST Act and Other USDOT Priorities

Address August 2017 certification finding, execute revised agreements between the RRTPO, the Tri-Cities MPO and partners, incorporate USDOT Every Day Counts into work program tasks and elements.

### ◆ Continuation of Existing Work Efforts

Develop the Regional Travel Demand Model, advance the Commerce Corridor study, provide regional definition of the East Coast Greenway effort.

### ◆ New Initiatives

Develop a regional park and ride plan, identify bicycle and pedestrian needs to increase transit catchment, consider transportation investments to support regional commerce, workforce mobility and accessibility.

## PARTNERS

VDOT, DRPT, GRTC, CRAC, RMTA, FHWA, FTA, FRA, EPA, DEQ, VDA, RideFinders, Local Governments, CTAC, EDAC, Amtrak, Richmond Marine Terminal, Tri-Cities MPO, Crater PDC, POV

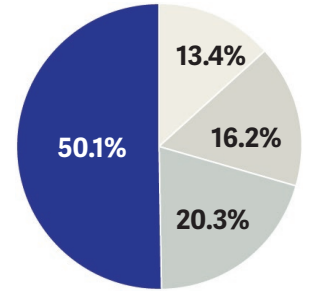


Progress  
Timeline



# 2.0 Transportation Planning

The RRTPO is charged with developing transportation plans and programs that support the development and maintenance of a regionally connected, multimodal transportation system. The process for developing these plans must consider all modes of transportation and, to the maximum extent possible, be a continuing, cooperative, and comprehensive process, incorporating the three elements of the federal "3-C" process.



## KEY WORK EFFORTS

### 2.1 Public Outreach & Equity Analysis

Development and implementation of an equitable participation program whereby citizens are informed and encouraged to participate in planning processes.

### 2.2 Performance Based Transportation Planning

Tracking and incorporating federal and state regulations; annual reporting of systems performance outcomes.

### 2.3 Transit

Implementation of the Greater RVA Transit Vision Plan (transit2040) and development of a Park & Ride Investment Strategy; providing support for the development of a Coordinated Human Services Mobility Plan, the Pulse TIGER project, and a GRTC Downtown Transfer Center.

### 2.4 Richmond Area Rail

Support of regional planning processes and policies that identify needs and investments in rail systems to facilitate the movement of goods and people in the most efficient, cost effective and environmentally beneficial manner, such as the DC2RVA study.

### 2.5 Freight & Intermodal

Implementation of Commerce Corridor Study; identify, develop and implement additional intermodal strategies that provide efficient freight connectivity throughout the region.

### 2.6 Active Transportation: Bicycle & Pedestrian

Facilitation of multimodal connections throughout the region's transportation system through policy and planning processes, as well as coordination and support of interested groups, organizations and local governments.

### 2.7 Environment

Maintain resilient air quality attainment designations through the EPA Ozone Advanced Program.

### 2.8 Special Planning Efforts & Studies

Participation in regional transportation planning efforts or studies, providing technical support, facilitation, etc.

1.0	Program Management	\$ 376,532
<b>2.0</b>	<b>Transportation Planning</b>	<b>\$ 927,126</b>
3.0	Data & Modeling Applications	\$ 300,355
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<b>Total RRTPO Budget</b>		<b>\$ 1,852,365</b>

FY19		plan2040 GOALS							
WORK TASK	Access to Employment	Congestion Mitigation	Environment & Air Quality	Freight Mobility	Multimodal Connectivity	Preservation & Maintenance	Safety & Security	System Reliability	Transportation & Land Use Integration
2.1	✓				✓			✓	✓
2.2	✓		✓	✓	✓	✓	✓	✓	✓
2.3	✓		✓		✓			✓	✓
2.4		✓			✓	✓	✓	✓	
2.5		✓			✓	✓		✓	✓
2.6	✓	✓	✓		✓				✓
2.7		✓	✓						
2.8	✓	✓			✓				✓

## plan2040

There are eight work tasks identified as part of the Transportation Planning section of the UPWP. These tasks align with the goals in plan2040, the regional long-range transportation plan. Each of these work tasks are addressed in key work efforts.

## PARTNERS

VDOT, DRPT, GRTC, CRAC, RMTA, FHWA, FTA, FRA, EPA, DEQ, VDA, RideFinders, Local Governments, CTAC, EDAC, Amtrak, Richmond Marine Terminal, Tri-Cities MPO, Crater PDC, POV

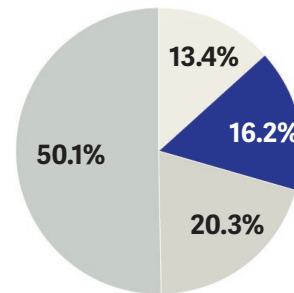


### Progress Timeline



# 3.0 Data & Modeling Applications

As part of RRTPO's data-driven transportation planning process, the transportation data and modeling application will be a critical tool used to support various VDOT, RRTPO, and local planning and study activities and for assessing transportation system performance in the Richmond region.



## KEY WORK EFFORTS

### 3.1 Transportation Data and Analysis

The 2017-2045 Socioeconomic Data (SE Data) will provide estimates and projections of population, employment and other socioeconomic data of the Richmond region within small geographic areas called Transportation Analysis Zones (TAZs). The primary purpose of the 2017-2045 Socioeconomic Data is to provide input into the RRTPO Regional Travel Demand Model. The data is also used by local governments, regional and state agencies, and other organizations for a variety of demographic planning purposes since it provides estimates of demographic data at the TAZ level.

### 3.2 Regional Travel Demand Model

The Richmond Tri-Cities (RTC) regional travel demand model will be a critical tool for assessing transportation system performance. The RTC model will be used to identify existing and future needs for the highway and transit network, and to evaluate the potential impact of investments. The RTC Model will be updated for plan2045. The RRTPO and the Tri-Cities MPO will work closely with VDOT modeling staff to update the RTC model, with VDOT having lead responsibility in completing the model update.

1.0	Program Management	\$ 376,532
2.0	Transportation Planning	\$ 927,126
<b>3.0</b>	<b>Data &amp; Modeling Applications</b>	<b>\$ 300,355</b>
4.0	Financial Programming	\$ 248,352
<b>Total RRTPO Budget</b>		<b>\$ 1,852,365</b>

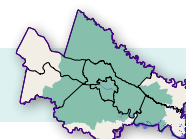
FY19		plan2040 GOALS							
WORK TASK	Access to Employment	Congestion Mitigation	Environment & Air Quality	Freight Mobility	Multimodal Connectivity	Preservation & Maintenance	Safety & Security	System Reliability	Transportation & Land Use Integration
3.1	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.2	✓	✓	✓	✓	✓			✓	✓

## plan2040

There are two work tasks identified as part of the Data and Modeling Applications section of the UPWP. These tasks align with the goals in plan2040, the regional long-range transportation plan. Each of these work tasks are addressed in key work efforts.

## PARTNERS

VDOT, DRPT, GRTC, Local Governments, Crater PDC/Tri-Cities MPO



Progress Timeline

