



# 2018 RSTP & CMAQ

*Funding the transportation priorities of the Richmond region*



## Richmond Regional Transportation Planning Organization



**\$170 Million for regional transportation priorities in FY19-FY24**

# Regional Transportation Projects Map



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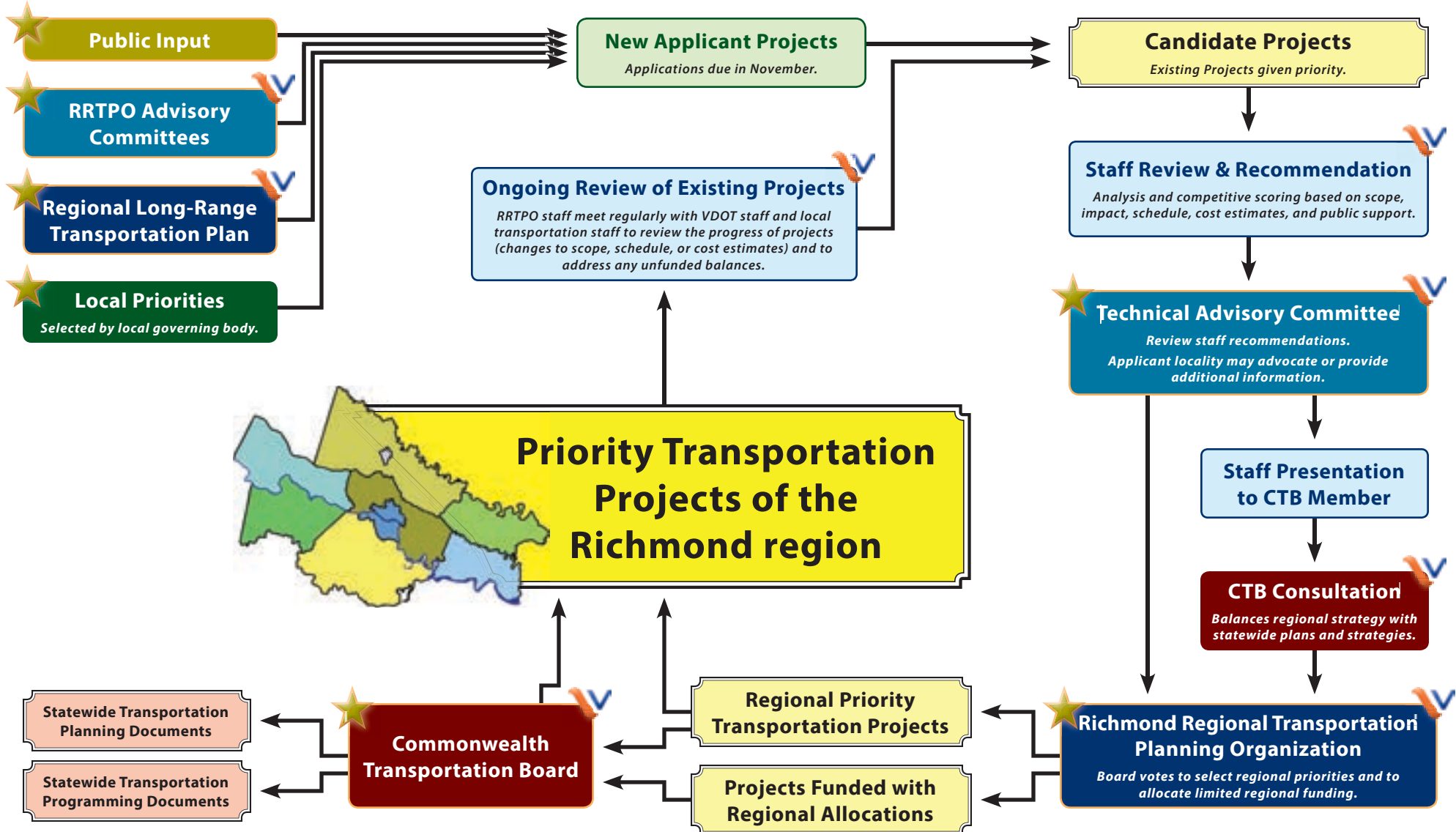
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# Regional Transportation Planning Process



Created: April 2014



**Richmond Regional  
Transportation  
Planning Organization**



**Public input**



**General Public**



**VDOT Consultation**



**Commonwealth  
Transportation Board**



**Regional Priorities**



**Transportation  
Planning Organization**



**RRTPO  
Advisory  
Committee**



**RRTPO staff**



**Local governing body**



**Local transportation  
staff**

# Regional Funding of the Transportation Improvement Program

## Regional Funding for Transportation

This report details the \$170 million of regional transportation funds allocated by the Richmond Regional Transportation Planning Organization (RRTPO) on April 5th, 2018.

The RRTPO is the federally-designated forum for regional transportation decision-making, planning, and programming for the Richmond region. It's board is the only transportation organization in the region that includes elected officials from all nine of the Region's localities. In addition, policymakers from regional, state, and federal transportation agencies sit on the board.

*The RRTPO board is the only transportation organization in the Richmond region that includes elected officials from all nine of the Region's localities.*

The RRTPO allocations include \$121 million of Regional Surface Transportation Program funds and \$49 million of Congestion Mitigation and Air Quality funds. Funds from these two transportation programs are provided by the federal government to empower locally-elected officials to cooperatively determine the future of transportation in their region. Although the

federal funds are provided to and administered by the state, the project selection and allocation decisions for expenditures are performed by locally-elected officials organized as a regional council known as a metropolitan planning organization or a transportation planning organization.

The allocation decisions taken by the RRTPO are submitted to the Commonwealth Transportation Board and included in the Six-Year Improvement Program.

## RSTBG Funding

The Surface Transportation Block Grant provides states and regions with flexible federal funding that may be used for a wide variety of highway and transit projects. Regional Surface Transportation Block Grant (RSTBG) funds are automatically suballocated to regional metropolitan planning organizations within the State.

RSTBG investments in the Richmond region support passenger and freight movement along the region's surface transportation systems. The funds can be used to preserve and improve the conditions and performance on highways, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects.

## CMAQ Funding

The Congestion Mitigation and Air Quality (CMAQ) program provides federal funding for transportation projects and programs that help improve air quality and reduce traffic congestion. The federal government provides

CMAQ funds to the Commonwealth of Virginia, a portion of which must be used on projects and programs selected by a regional agency of locally-elected officials known as a metropolitan planning organization.

Projects must be located in areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas).

*Spending under these regional programs is determined by locally-elected officials meeting together as a regional transportation body.*





# Trolley Line Trail

RSTP

**UPC: 103393**

## Construct Trolley Line Trail as part of the East Coast Greenway in Ashland

The Trolley Line Trail is the southern trail segment of the East Coast Greenway (ECG) running through the Town of Ashland and is constructed on the former “Trolley Line” that transported passengers from Ashland to Richmond until around 1930.

The ECG is a 2,900 mile trail which was designated by the White House in 2000 as one of twenty National Millennium Trails across the United States. The designated ECG trail enters Ashland at the northern corporate limits along an off-road, paved trail, known as the Rail Side Trail that parallels the CSX mainline.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 60,000	FY17
Right-of-way (RW)	\$ 75,000	FY18
Construction (CN)	\$ 1,026,620	FY19

Regional Funding from RRTPO					Non-TPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
103393	RSTP	\$ 1,161,620	\$ 155,000	\$ -	\$ -

# Courthouse to Courthouse Trail - Charles City County

RSTP

**UPC: 97688, 106296**

## Construct extension from Virginia Capital Trail in Charles City County to New Kent County

The Courthouse to Courthouse Trail is a north-south spur of the Virginia Capital Trail. The Charles City spur is approximately 6.5 miles in length and would extend from the Charles City Courthouse, which is bypassed by the Capital Trail, to the New Kent County line. The spur would extend along existing Route 155 or Courthouse Road.

This trail spur not only provides an offshoot for interested cyclists looking to explore the County, but it would also cross in front of Charles City County's Middle School and High School. This connection would facilitate a safe route to school for cyclist and pedestrians able to access the Capital Trail.



Pedestrian



Bicycle



Project Phases (97688)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 558,000	Underway
Right-of-way (RW)	\$ 547,924	FY19
Construction (CN)	\$ 910,733	FY20

Project Phases (106296)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 400,000	FY20
Right-of-way (RW)		N/A
Construction (CN)		N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
97688	RSTP	\$ 1,800,005	\$ -	\$ 216,652	\$ -
106296	RSTP	\$ -	\$ -	\$ 400,000	\$ -



# Route 60 Sidewalk - Chesterfield County

RSTP

## UPC: New Project

### Construct new sidewalk along Route 60 near Stonebridge Development

This project would improve pedestrian connectivity along the Route 60 corridor in Chesterfield County. Sidewalk would be added to gaps along the corridor connecting the Spring Rock Shopping Center and Boulders Drive on the north side of Route 60 and connecting the Stonebridge Development and Chippenham Square Shopping Center on the south side of Route 60.



Project Phases (1123?)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 250,000	N/A
Right-of-way (RW)	\$ 200,000	N/A
Construction (CN)	\$ 800,000	N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20-FY24	
New Project	RSTP	\$ -	\$ -	\$ 1,250,000	\$ -

# Early Settlers Road Sidewalk - Chesterfield County

RSTP

## UPC: New Project

### Construct new sidewalk along Early Settlers Road between Robious Road and Johnston-Willis Hospital

This project would add a sidewalk along Early Settlers Road in Chesterfield County between Robious Road and Johnston-Willis Hospital. The project also includes crosswalks and a pedestrian-actuated signal at Robious Road and Early Settlers Road.



Project Phases (97688)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 270,000	N/A
Right-of-way (RW)	\$ 150,000	N/A
Construction (CN)	\$ 750,000	N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20-FY24	
New Project	RSTP	\$ -	\$ -	\$ 1,170,000	\$ -



# Parham Road Signal and Sidewalk Project

RSTP

**UPC: 109194**

## Construct new sidewalk from the entrance of J.R. Tucker High School to Old Parham Road in Henrico County

This project would provide for the construction of approximately half-a-mile of sidewalk on the south side of N. Parham Road between Homeview Drive and Old Parham Road and the north side of N. Parham between Homeview Drive and the entrance of J.R. Tucker High School. This sidewalk will be five-feet wide and include a new signal at Homeview Drive and N. Parham Road and a signal replacement N. Parham Road and Skipwith Road. Both signals will include pedestrian accommodations.

This project will be fully-funded with a combination of RSTP funds and other funds identified by Henrico County.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$830,000	FY19
Right-of-way (RW)	\$550,000	FY21
Construction (CN)	\$3,615,000	FY23

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
109194	RSTP	\$ -	\$ 401,000	\$ 2,724,000	\$ -



# Three Chopt Rd Sidewalk - Henrico County

RSTP

## UPC: New Project

### Construct new sidewalk along Three Chopt Road between Dinwiddie Avenue and Bexhill Road

This project enhances connectivity along Three Chopt Road in Henrico County. Sidewalk would be added to gaps along the corridor connecting Dinwiddie Avenue and Bexhill Road on the north side of Three Chopt Road and connecting Dinwiddie Avenue and Camden Lane on the south side of Three Chopt Road. This project improves to access existing transit stops within the corridor.



Project Phases (106296)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 265,000	N/A
Right-of-way (RW)	\$ 100,000	N/A
Construction (CN)	\$ 1,800,000	N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
New Project	RSTP	\$ -	\$ 265,000	\$ 1,900,000	\$ -

# Route 1 Improvements

RSTP

**UPC: 112042**

## Construct improvements along Route 1 from Ashcake Road to Arbor Oak Drive in the Town of Ashland

The Town of Ashland has requested funding for improvements along the Route 1 corridor in the southern portion of the town. These improvements would add a median, turn lanes, and sidewalks along an almost half-mile segment of Route 1. Portions of Route 1 north and south of this segment already maintain similar cross-sections. This improvement will make the cross-section consistent through the corridor. The improvements will also benefit congestion and safety, as turning vehicles will be able to move out of the travel lanes allowing thru traffic to continue without stopping.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 639,599	Underway
Right-of-way (RW)	\$ 2,700,000	FY21
Construction (CN)	\$ 4,092,081	FY24

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
112042	RSTP	\$ -	\$ 675,000	\$ 6,630,000	\$ 126,680



# Dundas Road Bridge Replacement

RSTP

**UPC: 107085**

## Replace bridge on Dundas Road in Chesterfield County

The Dundas Road Bridge in Chesterfield County is structurally deficient, and in need of rehabilitation. The bridge also provides a key link between Bensley Elementary School and a nearby high-density residential area, but lacks appropriate pedestrian facilities. This project would allow the bridge to improve structural integrity while also providing much needed pedestrian facilities.

This bridge is also being funded with approximately \$3 million in revenue-sharing resources.



Pedestrian



System  
Preservation



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,500,000	Underway
Right-of-way (RW)	\$ 3,500,000	FY20
Construction (CN)	\$ 6,150,000	FY22

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
107085	RSTP	\$ -	\$ -	\$ 3,000,000	\$ 3,019,000



# Route 10 Widening (Bermuda Triangle Rd to Meadowville Rd)

RSTP

UPC: 101020

Widen West Hundred Road and improve intersection with Meadowville Road/Old Bermuda Road in Chesterfield County

Chesterfield County has two projects in various stages of planning, design and construction for the Route 10 corridor from US Route 1 to Meadowville Road. This project will widen this section of West Hundred Road from four-lanes to eight-lanes and will include improvements at the Meadowville Road/Old Bermuda Hundred Road intersection.



Automobile



Capacity



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 2,690,000	Complete
Right-of-way (RW)	\$ 9,062,000	Underway
Construction (CN)	\$ 42,439,354	FY19

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
101020	RSTP	\$5,288,800	\$ 6,555,534	\$11,366,059	\$ 30,980,961

# Route 10 Widening (Whitepine Road to Frith Lane)

RSTP

UPC: 104889

## Widen Iron Bridge Road from Whitepine Road to Frith Lane in Chesterfield County

This project will widen Route 10 to six lanes between Whitepine Road and Frith Lane through the Route 288/Route 10 interchange. Chesterfield County completed the section of Route 10 from east of Frith Lane to Greenyard Road using county bond funds.



Automobile



Capacity



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,500,000	Underway
Right-of-way (RW)	\$ 2,500,000	FY21
Construction (CN)	\$ 11,200,000	FY24

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
104889	RSTP	\$ 1,600,000	\$ -	\$ 10,100,000	\$ -



# Route 360 Widening (Lonas Pkwy to Castle Rock Rd)

RSTP

UPC: 104890

Widen eastbound Hull Street Road from Lonas Parkway to Castle Rock Road in Chesterfield County

This project will improve the vertical alignment and add a third lane to Route 360 eastbound between Lonas Parkway and Castle Rock Road. A previous phase of this project was funded by the RRTPO as well. This phase will complete a ten-mile long, six-lane Principal Arterial that connects Chippenham Parkway, Route 288 and extends to western Chesterfield.



Automobile



Capacity



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 775,000	Underway
Right-of-way (RW)	\$ 1,000,000	FY20
Construction (CN)	\$ 5,222,300	FY21

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
104890	RSTP	\$ 960,000	\$ 1,200,000	\$ 4,240,000	\$ -



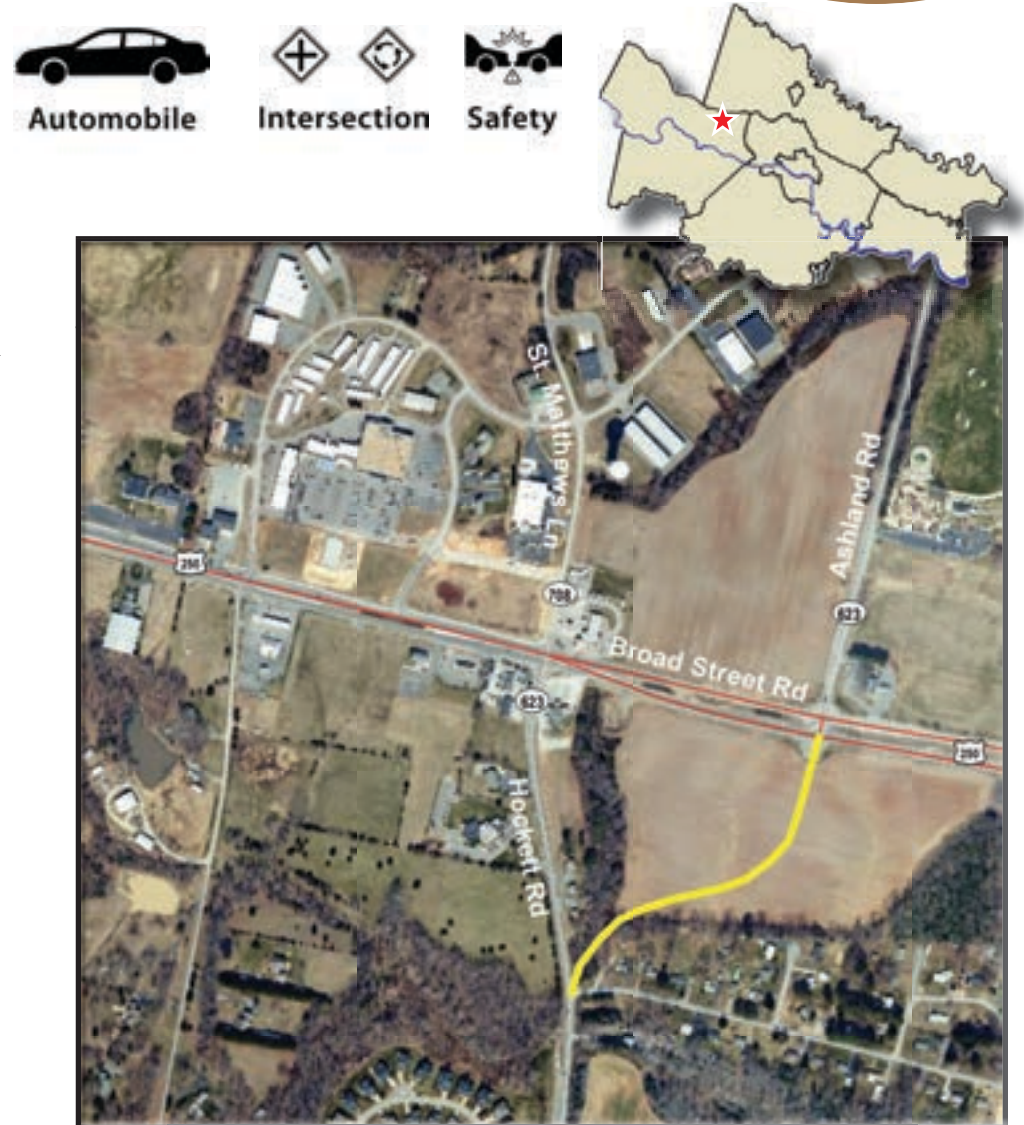
# Hockett Road Intersection Realignment at Route 250

RSTP

UPC: 105733

## Relocate Hockett Road and make intersection improvements at Route 250 Goochland County

The realignment of the road will align Hockett Road with Ashland Road at an existing signalized intersection on Broad Street Road. The project will involve the construction of approximately 0.25 miles of roadway. The funding for the PE phase of the project coming from the County's Secondary Six-Year Plan allocations, while the majority of the needed right-of-way has been donated from a property owner.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$395,000	FY23
Right-of-way (RW)	\$5,000	FY26
Construction (CN)	\$1,500,000	FY27

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
105733	RSTP	\$ -	\$ -	\$1,500,000	\$ 20,000

# Mechanicsville Tnpk Widening & Lee Davis Rd Intersection

RSTP

**UPC: 13551**

## Widen Route 360 and improve intersection at Lee Davis in Hanover County

Hanover County is working to increase capacity along the Route 360 corridor between I-295 and Walnut Grove Road, which will consist of four projects to widen the roadway from four to six/eight lanes between I-295 and Walnut Grove and realign Bell Creek Road.

CMAQ funding is being allocated to this project for the addition of turn lanes and medians.



Automobile



Intersection



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$1,939,000	Complete
Right-of-way (RW)	\$9,395,000	Underway
Construction (CN)	\$12,850,000	FY23

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
13551	RSTP	\$ 4,651,942	\$ 912,440	\$ 4,475,488	\$ 10,448,145
	CMAQ	\$ 1,008,073	\$ -	\$ 2,687,912	



# Pole Green Road Widening and Complete Street

RSTP

**UPC: 109260**

**Construct capacity improvement to Pole Green Road from Bell Creek Road to Rural Point Road in Hanover County**

This project will widen Pole Green Road in Hanover county approximately 1.5 miles and would include bike and pedestrian facilities. It would also extend an existing four-lane section, which currently ends at Bell Creek Road.



Automobile



Capacity



Pedestrian



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,600,000	FY24
Right-of-way (RW)	\$ 4,000,000	FY26
Construction (CN)	\$ 14,400,000	FY27

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
109260	RSTP	\$ -	\$ -	\$ 6,720,000	\$ 295,316



# Sadler Road Relocation and Complete Street

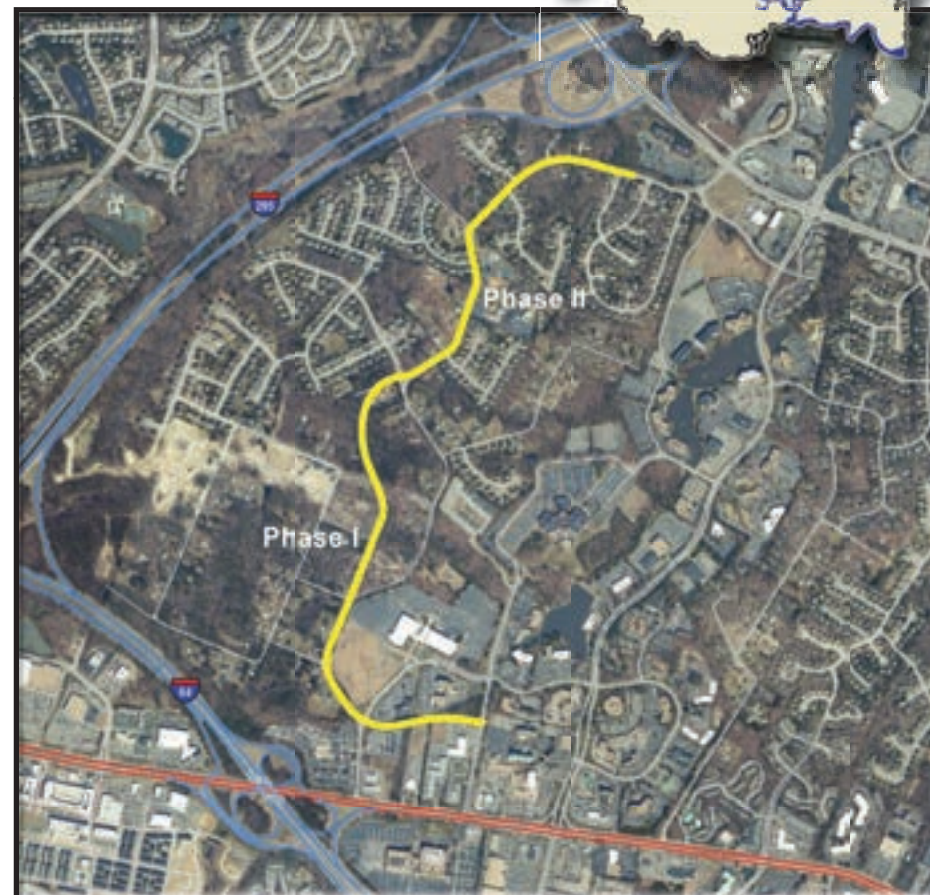
RSTP

UPC: 60934, 104148

## Construct safety and capacity improvements to Sadler Road from Cedar Branch Court to Cedar Grove Road in Henrico County

This project will improve a 1.8 mile section of Sadler Road from a two-lane road to a combination of a four-lane undivided roadway and an improved two-lane facility with sidewalks.

Sadler Road is classified as an urban collector roadway providing access between W. Broad Street and Nuckols Road in the Innsbrook area of northwestern Henrico. Traffic volumes on Sadler Road are 2,700 vehicles per day (2010); the narrow roadway with poor alignment has no pedestrian accommodations.



Project Phases (60934)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 3,600,000	Underway
Right-of-way (RW)		
Construction (CN)		

Project Phases (104148)	Estimated Cost	Schedule
Preliminary Engineering (PE)		N/A
Right-of-way (RW)	\$ 4,600,000	FY20
Construction (CN)	\$11,170,000	FY21

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
60934	RSTP	\$1,426,943	\$ -	\$ -	\$1,073,057
104148	RSTP	\$4,002,800	\$ -	\$5,600,000	\$6,167,244

# Huguenot Trail Widening

RSTP

UPC: 86442

Widen Huguenot Trail from Route 288 to the Powhatan County Line.

The Huguenot Trail widening consists of widening the existing two-lane road section to four-lanes, as well as replacing the bridge over Bernard's Creek. The entire road section is 1.2 miles between the interchange at Route 288 and the Powhatan County/Chesterfield County line. The design will also increase safety throughout the corridor by improving geometric deficiencies and intersection alignments.



Automobile



Capacity



System  
Preservation



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$2,205,170	Complete
Right-of-way (RW)	\$ 2,823,330	Complete
Construction (CN)	\$14,621,775	FY17

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
86442	RSTP	\$ 4,404,565	\$ 2,489,676	\$ -	\$12,692,628



# Deepwater Terminal Road Extension

RSTP

UPC: 104281

## Extend Deepwater Terminal Road to Goodes Street in City of Richmond

This construction project will extend Deepwater Terminal Road to Goodes Street, a distance of approximately 0.70 miles improving access to the Port of Richmond.

Currently, goods traveling to the port are limited by the 14-foot clearance restrictions of Bells Road passing under I-95. Accessing the port from Commerce Road by Goodes Street provides a second point of access to the port with a 21-foot vertical clearance under the interstate. The increased vertical clearance is necessary to accommodate over-size or “project” cargo opportunities for the Richmond Marine Terminal.

The existing and future industrial businesses along Deepwater Terminal will also benefit from having a secondary means of accessing their businesses.



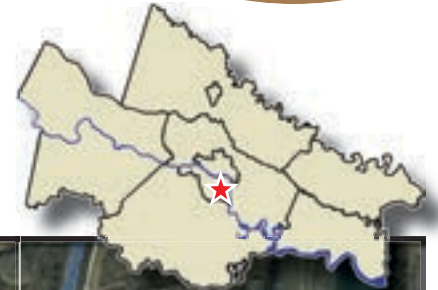
Automobile



Intermodal  
Truck



Capacity



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 175,000	Underway
Right-of-way (RW)	\$ 863,000	FY19
Construction (CN)	\$ 3,459,000	FY20

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
104281	RSTP	\$ -	\$ 1,110,795	\$ 1,136,205	\$ 2,250,000

# Jahnke Road Complete Street

RSTP

UPC: 19035

## Reconstruct Jahnke Road as a complete street in the City of Richmond

This project will improve traffic safety and flow, as well as enhance multimodal options within a 1.25 mile stretch of Jahnke Road, between Forest Hill Avenue and Blakemore Road. The project will include a variety of pedestrian-oriented improvements including a five-foot sidewalk on the south side and an eight-foot multi-use path on the northside.

Additional improvements will include turn lanes at key intersections and a new signal at Forestview School Drive, which serves as the entrance to Elizabeth Redd Elementary School. Safety enhancements will also be implemented where CSX Railroad crosses over Jahnke Road.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$2,000,000	Complete
Right-of-way (RW)	\$1,500,000	Underway
Construction (CN)	\$10,500,000	FY18

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
19035	RSTP	\$ 9,330,314	\$ 3,300,000	\$ -	\$316,458
	CMAQ	\$1,081,900	\$ -	\$ -	



# Mayo Bridge Rehabilitation over the James River

RSTP

UPC: 104888

## Rehabilitate Mayo Bridge (Route 360) over the James River in the City of Richmond

The Mayo Bridge was constructed in 1913 and structurally deficient. The bridge is in need of replacement, but until funding is secured for replacement the City is working to secure the funding for major rehabilitation which is projected to cost \$10 million. The proposed rehabilitation includes reconstructing the deck and approaches; repairing all delaminated concrete from under the arch and spandrel beams, pier caps, columns and abutments; and repairing or replacing portions of the parapets.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 750,000	Y19
Right-of-way (RW)		N/A
Construction (CN)	\$7,500,000	FY20

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
104888	RSTP	\$500,000	\$ -	\$6,000,000	\$ 1,750,000

# RMT Gate Improvements & Drop Lot - Richmond Marine Terminal

RSTP

## UPC: New Project

### Construct improvements for the entry gate of the Richmond Marine Terminal

This project would consist of five main elements at the entry gate of the Richmond Marine Terminal (RMT); establishing a canopy area for security related review, adding a new static scale at the inbound gate, adding an additional outbound lane to accommodate larger cargo, upgrading technology for more efficient processing, and constructing a drop lot for freight drop during closed hours.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 340,911	N/A
Right-of-way (RW)	\$ 170,456	N/A
Construction (CN)	\$ 1,704,583	N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
New Project	RSTP	\$ 456,995	\$ 1,758,955	\$ -	\$ -



# I - 64 at Parham Road IMR - Henrico County

RSTP

## UPC: New Project

### Study existing I-64 interchange at Parham Road to determine issues and potential improvements

Henrico County has requested a detailed Interchange Modification Report (IMR) for the interchange of I-64 and Parham Road. This IMR will facilitate the recommendation of potential safety, operational, and capacity improvements at an existing interchange.



Project Phases (106296)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 600,000	N/A
Right-of-way (RW)		N/A
Construction (CN)		N/A

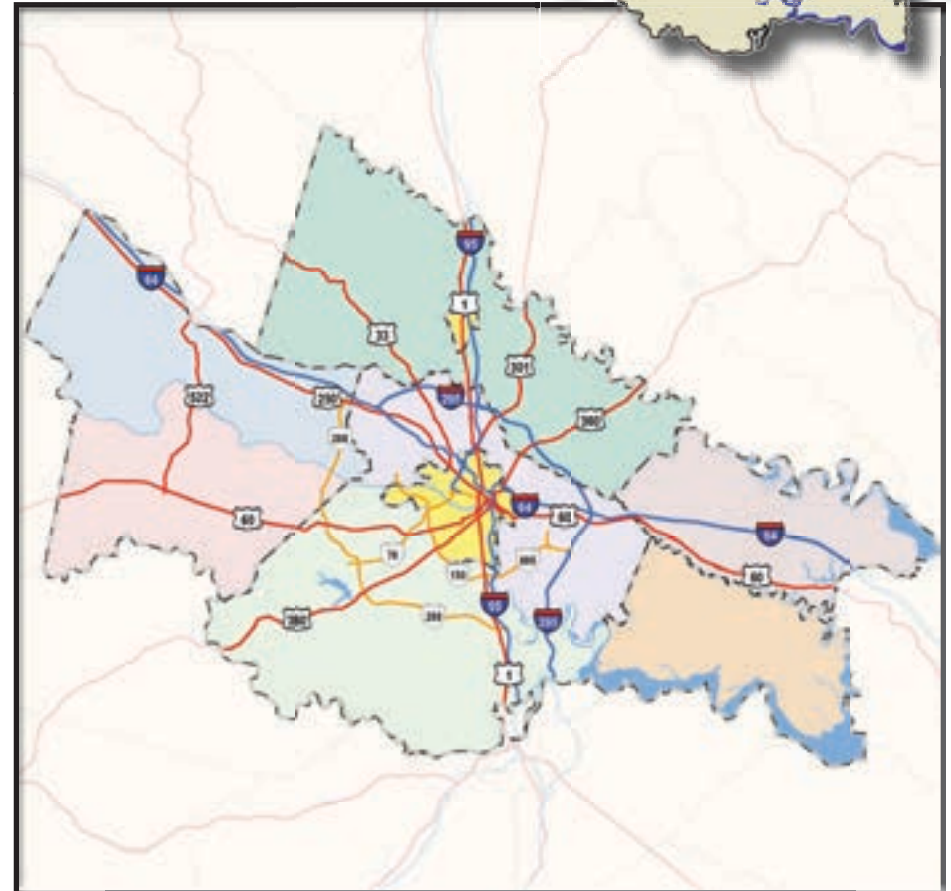
Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
New Project	RSTP	\$ -	\$ 600,000	\$ -	\$ -

**UPC: 86357**

## RRTPO Travel Demand Modeling On-Call Consultant Support

On-call consultant support to RRTPO staff in the application of the Regional Travel Demand Model. This funding will support the data driven development process of plan2045, RRTPO's next MTP as required by federal regulations including performance-based planning and encourage the use of scenario planning. The project also supports measurement of the air quality impact by any transportation project by providing the required outputs for the air quality conformity analysis.

**Alternatives Study**



Project Phases (106296)	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 800,000	FY19
Right-of-way (RW)		N/A
Construction (CN)		N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
86357	RSTP	\$ 300,000	\$ 500,000	\$ -	\$ -



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# Route 1 Sidewalk

CMAQ

## UPC: New Project

### Construct a new sidewalk along Route 1 between Merriewood Road and Elliham Avenue

This project improves pedestrian connectivity within the Route 1 corridor in Chesterfield County. This project would extend sidewalk improvements, tying into existing sidewalk on the north and south ends and filling an infrastructure gap within the corridor.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 250,000	N/A
Right-of-way (RW)	\$ 200,000	N/A
Construction (CN)	\$ 800,000	N/A

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
	CMAQ	\$ -	\$ -	\$1,250,000	

# Azalea Avenue at Richmond-Henrico Turnpike Complete Streets

CMAQ

UPC: 106299

## Install pedestrian, transit, and safety improvements to Azalea Ave at Richmond- Henrico Turnpike in Henrico County

The project will provide sidewalks in an area with a significant amount of pedestrian activity; in addition to sidewalks, it will also provide crosswalks and pedestrian signals at two intersections where none currently exist. This project will also provide improved access to three GRTC bus stops, which will facilitate transit use.

With the installation of curb and gutter and restriping of the lane markings on Richmond-Henrico Turnpike, an exclusive right-turn lane will be installed for southbound traffic.



Automobile



Pedestrian



Intersection



Safety



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 235,000	Underway
Right-of-way (RW)	\$85,000	FY19
Construction (CN)	\$1,295,000	FY21

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
106299	CMAQ	\$215,000	\$ 1,400,000	\$ -	\$ -



# Route 360 & Spring Run Intersection

CMAQ

**UPC: 104886**

## Improve intersection at Spring Run and Hull Street Road in Chesterfield County

This project will construct dual left turn lanes on Hull Street Road (Route 360) and dual right turn lanes on Spring Run Road. The dual left and right turn lanes will allow turning traffic to clear the intersection with Hull Street more quickly, which will reduce the travel delay to the through movement of traffic on Hull Street Road.



Automobile



Intersection



Safety



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$300,000	Underway
Right-of-way (RW)	\$540,000	FY20
Construction (CN)	\$2,760,000	FY21

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
104886	CMAQ	\$ 300,000	\$ 540,000	\$ 2,760,000	\$ -

# Creighton Road & Cold Harbor Road Intersection

CMAQ

**UPC: 81667**

## Install a roundabout at the Creighton Road and Cold Harbor Road Intersection

This improvement would install a one-lane roundabout at the intersection of Creighton Road and Cold Harbor Road in Hanover County. Currently this location is structured as a standard four-approach intersection and lacks adequate turn lanes. As traffic volumes have increased due to the location's proximity and access to I-295 the intersection's level of service has deteriorated, particularly during peak travel hours. Conversion of this interchange to a roundabout will increase throughput, reduce delays, and have considerably less right-of-way impacts than adding turn lanes to the current four-approach structure.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$1,468,000	Complete
Right-of-way (RW)	\$ 2,088,000	FY13
Construction (CN)	\$ 3,617,00	FY20

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
81667	CMAQ	\$ 5,844,900	\$ 247,655	\$ 1,679,345	\$ 1



# Henrico County Automated Traffic Management System

CMAQ

UPC: 109951

## Install intelligent transportation system coordinating traffic signals in Henrico County

Automated Traffic Management System (ATMS) investments include the evaluation and upgrade of equipment and communication technology resulting in an integrated signal system which can be managed from a central location/operations center enabling response to transportation issues in “real-time”.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,425,000	FY19
Right-of-way (RW)		N/A
Construction (CN)	\$ 8,380,731	FY21

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
109951	CMAQ	\$ 4,187,789	\$ 1,774,882	\$ 2,854,711	\$ -

# Parham Road and Patterson Avenue Intersection

CMAQ

UPC: 101034

## Improve intersection at Parham Road and Patterson Ave in Henrico County

This project will improve the intersection of two heavily traveled roads, Parham Road and Patterson Avenue (Route 6) in Henrico County, in order to accommodate the high volume of vehicles travelling these two corridors.

Dual left-turn lanes will be installed on Patterson Avenue's eastbound and westbound approaches to the intersection, as well as on Parham Road's northbound approach. Additional improvements include grass medians and a reduced-access point at the median on Paterson Avenue's eastbound approach. All of these improvements will facilitate increased movement through the intersection, while also making the intersection safer.



Automobile



Safety



Intersection



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,500,000	Underway
Right-of-way (RW)	\$ 5,460,000	FY18
Construction (CN)	\$ 7,040,000	FY21

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
101034	CMAQ	\$ -	\$ 1,500,000	\$ 5,050,000	\$ 5,050,000
	RSTP	\$ 2,400,000	\$ -	\$ -	



# City of Richmond Automated Traffic Management System

CMAQ

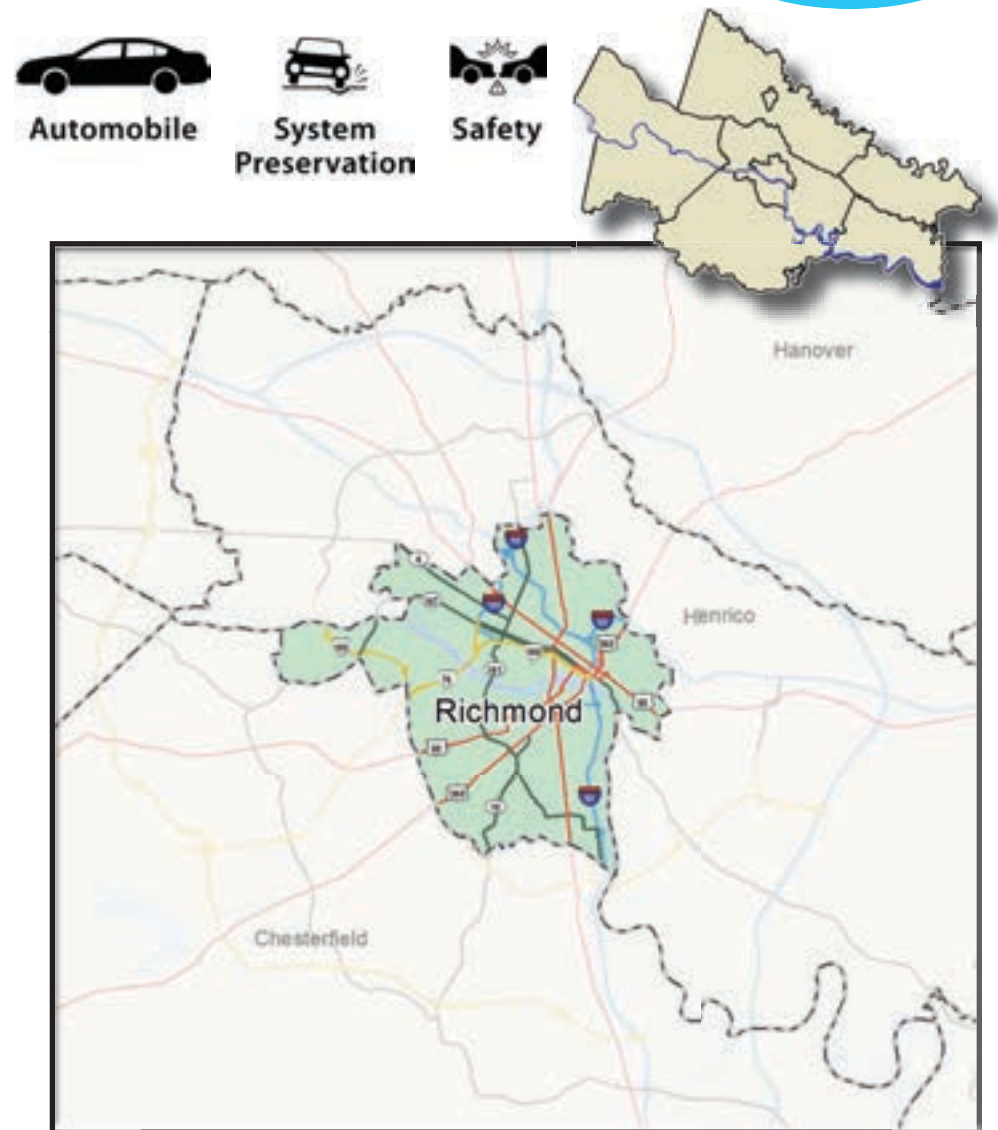
**UPC: 105890**

## Install intelligent transportation system coordinating traffic signals in the City of Richmond

The RRTPO previously funded the installation of Automated Traffic Management Systems (ATMS) investments including signal-timing coordination, battery back-up, pedestrian count-down signals, and closed-circuit television throughout Richmond's central business district and Richmond's Southside.

This project funds the installation for the rest of the City north of the James River.

By evaluating and upgrading equipment and communication technology, these projects will create an integrated signal system that allows for remote traffic monitoring and real-time incident response from a central operations center.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 1,000,000	Underway
Right-of-way (RW)		N/A
Construction (CN)	\$ 5,312,350	FY20

Regional Funding from RRTPO					Non-RRTPO Funding
Project	Program	Past Funding	FY19	FY20 - FY24	
105890	CMAQ	\$ 2,118,263	\$ 1,833,971	\$ 2,360,116	\$ -

# Additional Bus Purchase (Rolling Stock)

CMAQ

## UPC: T2011B

### Replacement of GRTC rolling stock with compressed natural gas vehicles

The Greater Richmond Transit Company (GRTC) current bus replacement program encourages the replacement of diesel-fueled rolling stock with Compressed Natural Gas (CNG) vehicles. The conversion strategy in favor of CNG results in a more economical and environmentally-sound regional transit fleet.

GRTC Transit Systems has requested funding for the purchase of five new replacement 40-foot Gillig buses. This purchase will continue GRTC's goal of transition all 110 service vehicles to compressed natural gas. The overall conversion fleet will provide a 90% reduction in nitrous oxide emissions in comparison to current standards.



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)		N/A
Right-of-way (RW)		N/A
Construction (CN)	\$ 2,465,420	FY22

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
T2011B	CMAQ	\$ -	\$ -	\$ 2,465,420	\$ -





# RideFinders Ride Sharing Services

CMAQ

## UPC: T203

### Fund RideFinders ride-sharing services program throughout the Region

As the Richmond Region's travel demand management agency, the RRTPO allocates funding to support programs that manage travel demand by providing travelers with travel choices, such as work location, route, time, and mode in a more cost-effective manner than building more capacity.

Funding the RideFinders division of GRTC Transit System provides carpool and vanpool services throughout the region and is a key element of the RRTPO's efforts to reduce travel demand by daily commuters.



Automobile



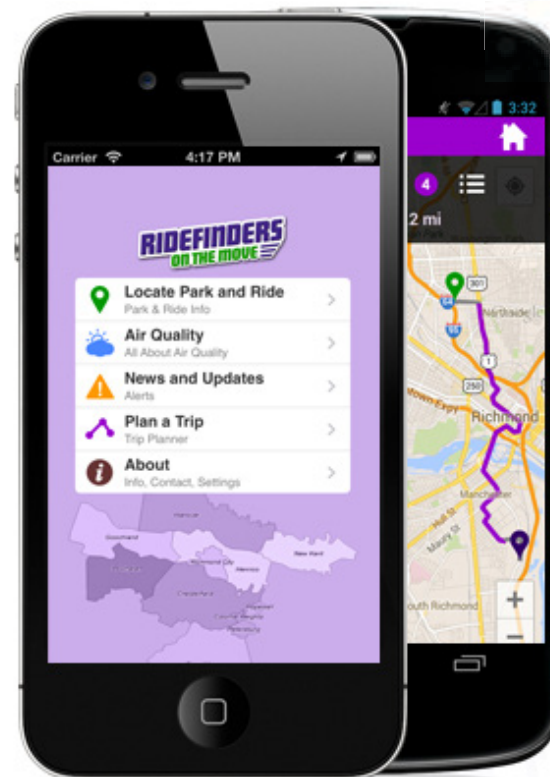
Transit



Bicycle



Pedestrian



Project Phases	Estimated Cost	Schedule
Preliminary Engineering (PE)	\$ 15,153,138	Program
Right-of-way (RW)		
Construction (CN)		

Project	Program	Regional Funding from RRTPO			Non-RRTPO Funding
		Past Funding	FY19	FY20 - FY24	
T203	CMAQ	\$ 12,917,700	\$ 510,500	\$ 1,021,000	\$ -
	RSTP	\$ 704,000	\$ -	\$ -	



## Summary Resolution of Allocation



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Richmond Regional Transportation Planning Organization

# RSTP Allocations Approved on April 5, 2018

# RSTP

Project Description	UPC	Exist / New	Cost Estimate	Previous Funding			Actual Allocations*	Projected RSTP Allocations*						Total RSTP Allocations (FY19-FY24)	Other Allocated Sources of Funding		Total Allocations* (PPF†)
				Previous RSTP (TPO)	Previous CMAQ (TPO)	Previous Other (Non-TPO)	FY19	FY20	FY21	FY22	FY23	FY24	CMAQ FY19-FY24		Other FY19-FY24 (Amount)		
Town of Ashland																	
- Ashland Trolley Line Trail	103393	Exist	\$1,315,183	\$1,161,600	\$0	\$0	\$155,000	\$0	\$0	\$0	\$0	\$0	\$155,000	\$0	\$0	\$1,316,600	
- Rt 1 Improvements: Ashcake Rd to Arbor Oak Dr	112042	Exist	\$7,431,680	\$0	\$0	\$126,680	\$675,000	\$0	\$2,000,000	\$700,000	\$2,000,000	\$1,930,000	\$7,305,000	\$0	\$0	\$7,431,680	
SUBTOTALS:							\$830,000	\$0	\$2,000,000	\$700,000	\$2,000,000	\$1,930,000	\$7,460,000				
Charles City County																	
- Rt 155: VA capital trail ext: Rt 5 to Lott Cary Rd	97688	Exist	\$2,016,657	\$1,800,005	\$0	\$0	\$0	\$216,652	\$0	\$0	\$0	\$0	\$216,652	\$0	\$0	\$2,016,657	
- Rt 155 capital trail spur from Lott Cary Rd to New Kent CL	106296	Exist	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000	
SUBTOTALS:							\$0	\$616,652	\$0	\$0	\$0	\$0	\$616,652				
Chesterfield County																	
- Rt 10 widen to 6 lanes: Whitepine Rd to Frith Ln	104889	Exist	\$15,200,000	\$1,600,000	\$0	\$0	\$0		\$2,500,000	\$0	\$0	\$7,600,000	\$10,100,000	\$0	\$0	\$11,700,000	
- Rt 10 widen to 8 lanes from Bermuda Triangle Rd to Meadowville Rd	101020	Exist	\$54,191,354	\$5,288,800	\$0	\$16,040,820	\$6,555,534	\$5,973,882	\$5,392,177	\$0	\$0	\$0	\$17,921,593	\$0	\$14,940,141	\$54,191,354	
- Rt 60 (Spring Rock/Stonebridge Boulders) sidewalk		New	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$1,000,000	\$0	\$1,250,000	\$0	\$0	\$1,250,000	
- Rt 360 EB widening: Lonas Pkwy to Castle Rock Rd	104890	Exist	\$6,400,000	\$960,000	\$0	\$0	\$1,200,000	\$1,000,000	\$2,000,000	\$1,240,000	\$0	\$0	\$5,440,000	\$0	\$0	\$6,400,000	
- Dundas Road Bridge Replacement	107085	Exist	\$11,150,000	\$0	\$0	\$3,019,000	\$0	\$2,000,000	\$1,000,000	\$0	\$0	\$0	\$3,000,000	\$0	\$0	\$6,019,000	
- Early Settlers Rd sidewalk: Robious Rd to Hospital/Huguenot Park		New	\$1,170,000	\$0	\$0	\$0	\$0	\$0	\$0	\$270,000	\$900,000	\$0	\$1,170,000	\$0	\$0	\$1,170,000	
SUBTOTALS:							\$7,755,534	\$8,973,882	\$10,892,177	\$1,760,000	\$1,900,000	\$7,600,000	\$38,881,593				
Goochland County																	
- Hockett Road intersection realignment at Rt 250	105733	Exist	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$1,100,000	\$1,500,000	\$0	\$20,000	\$1,520,000	
SUBTOTALS:							\$0	\$0	\$0	\$0	\$400,000	\$1,100,000	\$1,500,000				
Hanover County																	
- Rt 360/Lee Davis Rd: Intersection improvements	13551	Exist	\$24,184,000	\$4,651,942	\$1,008,073	\$1,528,615	\$912,440	\$965,000	\$768,414	\$0	\$2,742,074	\$0	\$5,387,928	\$2,687,927	\$8,919,530	\$24,184,015	
- Pole Green Road Widening: BellCreek Rd to Rural Point Rd	109260	Exist	\$20,000,000	\$0	\$0	\$0	\$0	\$1,338,000	\$0	\$2,000,000	\$382,000	\$3,000,000	\$6,720,000	\$0	\$295,316	\$7,015,316	
SUBTOTALS:							\$912,440	\$2,303,000	\$768,414	\$2,000,000	\$3,124,074	\$3,000,000	\$12,107,928				

# RSTP Allocations Approved on April 5, 2018

# RSTP

Project Description	UPC	Exist / New	Cost Estimate	Previous Funding			Actual Allocations*	Projected RSTP Allocations*						Total RSTP Allocations (FY19-FY24)	Other Allocated Sources of Funding		Total Allocations* (PPF†)
				Previous RSTP (TPO)	Previous CMAQ (TPO)	Previous Other (Non-TPO)	FY19	FY20	FY21	FY22	FY23	FY24	CMAQ FY19-FY24		Other FY19-FY24 (Amount)		
Henrico County																	
- I-64 at Parham Road IMR		New	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000	
- Parham Road Sidewalk and Signals: Tucker HS to Homeview Dr	109194	Exist	\$4,995,000	\$0	\$0	\$0	\$401,000	\$429,000	\$550,000	\$872,500	\$872,500	\$0	\$3,125,000	\$0	\$0	\$3,125,000	
- Sadler Road improvements from Dominion Blvd to Cedar Branch Ct: Phase 1 (RW & CN)	104148	Exist	\$15,770,000	\$4,002,756	\$0	\$6,167,244	\$0	\$0	\$0	\$2,800,000	\$2,800,000	\$0	\$5,600,000	\$0	\$0	\$15,770,000	
- Three Chopt Road Widening Improvements: Barrington Rd to Winespring Rd	50529	Exist	\$22,653,699	\$14,204,885	\$0	\$8,448,784	\$0	\$2,000,000	\$962,000	\$0	\$0	\$0	\$2,962,000	\$0	\$0	\$25,615,669	
- Three Chopt Road sidewalk improv.: Dinwiddie Ave to Bexhill Rd		New	\$2,165,000	\$0	\$0	\$0	\$265,000	\$100,000	\$0	\$1,268,414	\$531,586	\$0	\$2,165,000	\$0	\$0	\$2,165,000	
SUBTOTALS:							\$1,266,000	\$2,529,000	\$1,512,000	\$4,940,914	\$4,204,086	\$0	\$14,452,000				
Powhatan County																	
- Huguenot Trail widening (Rt. 711): Rt 288 to Chesterfield CL	86442	Exist	\$19,586,869	\$4,404,565	\$0	\$9,141,155	\$2,489,676	\$0	\$0	\$0	\$0	\$0	\$2,489,676	\$0	\$3,551,473	\$19,586,869	
SUBTOTALS:							\$2,489,676	\$0	\$0	\$0	\$0	\$0	\$2,489,676				
City of Richmond																	
- Deepwater Terminal Rd extension: Deepwater Terminal Rd to Goodes St	104281	Exist	\$4,497,000	\$0	\$0	\$2,250,000	\$1,110,795	\$0	\$0	\$1,136,205	\$0	\$0	\$2,247,000	\$0	\$0	\$4,497,000	
- Jahnke Rd improvements from Blakemore Rd to Forest Hill Ave	19035	Exist	\$14,000,000	\$9,330,314	\$1,081,902	\$316,458	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$3,300,000	\$0	\$0	\$14,028,674	
- Mayo Bridge (Rt 360) Rehabilitation over James River	104888	Exist	\$8,250,000	\$500,000	\$0	\$900,000	\$0	\$3,000,000	\$1,000,000	\$2,000,000	\$0	\$0	\$6,000,000	\$0	\$850,000	\$8,250,000	
SUBTOTALS:							\$4,410,795	\$3,000,000	\$1,000,000	\$3,136,205	\$0	\$0	\$11,547,000				
Port of Richmond/VA Port Authority																	
- Richmond Marine Terminal (RMT) gate improvements & drop lot		New	\$2,215,950	\$456,995 (from #101492, originated CE #90346)	\$0	\$0	\$1,758,955	\$0	\$0	\$0	\$0	\$0	\$1,758,955	\$0	\$0	\$2,215,950	
SUBTOTALS:							\$1,758,955	\$0	\$0	\$0	\$0	\$0	\$1,758,955				
RRTPO																	
- RRTPO Travel Demand Modeling On-Call Consultant (Phase 4)	86357	Exist	\$800,000	\$300,000	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$800,000	
SUBTOTALS:							\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000				



# RSTP Allocations Approved on April 5, 2018

# RSTP

Project Description	UPC	Exist / New	Cost Estimate	Previous Funding			Actual Allocations*	Projected RSTP Allocations*						Total RSTP Allocations (FY19-FY24)	Other Allocated Sources of Funding		Total Allocations* (PPF†)
				Previous RSTP (TPO)	Previous CMAQ (TPO)	Previous Other (Non-TPO)	FY19	FY20	FY21	FY22	FY23	FY24	CMAQ FY19-FY24		Other FY19-FY24 (Amount)		
Regionwide																	
-	Regionwide	101492	Exist	\$18,312,343	\$2,506,735	\$341,823	\$0	\$0	\$2,920,556	\$3,530,338	\$7,542,144	\$8,833,836	\$7,221,235	\$30,048,109	\$18,465,217	\$0	\$51,361,884
SUBTOTALS:							\$0	\$2,920,556	\$3,530,338	\$7,542,144	\$8,833,836	\$7,221,235	\$30,048,109				
TPO TOTAL ALLOCATION REQUEST (4/5/2018)							\$19,923,400	\$20,343,090	\$19,702,929	\$20,079,263	\$20,461,996	\$20,851,235	\$121,361,913				
CTB RSTP Allocation for Richmond Regional TPO (3/7/2018)							\$19,923,400	\$20,343,090	\$19,702,929	\$20,079,263	\$20,461,996	\$20,851,235	\$121,361,913				
Fed RSTP Only (80%)							\$15,938,720	\$16,274,472	\$15,762,343	\$16,063,410	\$16,369,597	\$16,680,988	\$97,089,530				
State Match (20%)							\$3,984,680	\$4,068,618	\$3,940,586	\$4,015,853	\$4,092,399	\$4,170,247	\$24,272,383				
Funds Remaining							\$0	\$0	\$0	\$0	\$0	\$0	\$0				

## NOTE:

- Cost estimates from PCES (VDOT's project cost estimating system) or provided by local jurisdictions.
- Schedule provided by PCES or by local jurisdictions.
- Other funding from PCES/SYIP.
- Previous RSTP or CMAQ funding from TPO tracking sheets.

\* Actual and projected allocations consist of 80% federal RSTP funds and 20% state match (provided by VDOT)

† PPF: Past, Present, and Future

# CMAQ Allocations Approved on April 5, 2018

# CMAQ

Project Description	UPC	Exist / New	Cost Estimate	Previous Funding			Actual Allocations*	Projected CMAQ Allocations*						Total CMAQ Allocations (FY19-FY24)	Other Allocated Sources of Funding		Total Allocations* (PPF†)
				Previous CMAQ (TPO)	Previous RSTP (TPO)	Previous Other (Non-TPO)	FY19	FY20	FY21	FY22	FY23	FY24	RSTP FY19-FY24		Other FY19-FY24 (Amount)		
Chesterfield County																	
- Rt 1 (Merriewood Rd to Eliham Ave) sidewalk		New	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$1,000,000	\$1,250,000	\$0	\$0	\$1,250,000	
- Rt 360 intersection improvements at Spring Run Rd	104886	Exist	\$3,600,000	\$300,000	\$0	\$0	\$540,000	\$0	\$1,310,709	\$1,449,291	\$0	\$0	\$3,300,000	\$0	\$0	\$3,600,000	
SUBTOTALS:							\$540,000	\$0	\$1,310,709	\$1,699,291	\$0	\$1,000,000	\$4,550,000				
Greater Richmond Transit Company																	
- Replacement of Rolling Stock CNG Buses	T20113	Exist	\$2,465,420	\$0	\$0	\$0	\$0	\$0	\$0	\$2,465,420	\$0	\$0	\$2,465,420	\$0	\$0	\$2,465,420	
SUBTOTALS:							\$0	\$0	\$0	\$2,465,420	\$0	\$0	\$2,465,420				
Hanover County																	
- Rt 360/Lee Davis Rd: Intersection improvements	13551	Exist	\$24,184,000	\$1,008,073	\$4,651,942	\$1,528,615	\$0	\$0	\$0	\$0	\$1,254,673	\$1,433,239	\$2,687,912	\$5,387,928	\$8,919,530	\$24,184,000	
- Creighton Rd/Cold Harbor Rd Roundabout	81667	Exist	\$7,675,300	\$5,844,900	\$0	\$1	\$247,655	\$641,945	\$1,037,400	\$0	\$0	\$0	\$1,927,000	\$0	\$0	\$7,771,901	
SUBTOTALS:							\$247,655	\$641,945	\$1,037,400	\$0	\$1,254,673	\$1,433,239	\$4,614,912				
Henrico County																	
- ATMS (Automated Traffic Management System) phase 2: Countywide (107939)	109951	Exist	\$8,817,382	\$4,187,789	\$0	\$0	\$1,774,882	\$1,592,703	\$1,262,008	\$0	\$0	\$0	\$4,629,593	\$0	\$0	\$8,817,382	
- Azalea Ave pedestrian & signal improvements at Rich-Henrico Tnpk	106299	Exist	\$1,615,000	\$215,000	\$0	\$0	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$0	\$0	\$1,615,000	
- Rt 6/Parham Rd intersection improvements	101034	Exist	\$14,000,000	\$0	\$2,400,000	\$5,050,000	\$1,500,000	\$1,810,709	\$2,239,291	\$1,000,000	\$0	\$0	\$6,550,000	\$0	\$0	\$14,000,000	
SUBTOTALS:							\$4,674,882	\$3,403,412	\$3,501,299	\$1,000,000	\$0	\$0	\$12,579,593				
City of Richmond																	
- Signal system: East, north, and west of City	105890	Exist	\$6,312,350	\$2,118,263	\$0	\$0	\$1,833,971	\$2,360,116	\$0	\$0	\$0	\$0	\$4,194,087	\$0	\$0	\$6,312,350	
- Transit stop access and sidewalk improvement program		New	\$960,000	\$0	\$0	\$0	\$100,000	\$266,280	\$0	\$593,720	\$0	\$0	\$960,000	\$0	\$0	\$960,000	
SUBTOTALS:							\$1,933,971	\$2,626,396	\$0	\$593,720	\$0	\$0	\$5,154,087				

# CMAQ Allocations Approved on April 5, 2018

# CMAQ

Project Description	UPC	Exist / New	Cost Estimate	Previous Funding			Actual Allocations*	Projected CMAQ Allocations*						Total CMAQ Allocations (FY19-FY24)	Other Allocated Sources of Funding		Total Allocations* (PPF†)
				Previous CMAQ (TPO)	Previous RSTP (TPO)	Previous Other (Non-TPO)	FY19	FY20	FY21	FY22	FY23	FY24	RSTP FY19-FY24		Other FY19-FY24 (Amount)		
RideFinders																	
- Air pollution reduction program	T203	Exist	On-Going	\$13,428,183	\$704,000	\$0	\$510,500	\$510,500	\$510,500	\$0	\$0	\$0	\$1,531,500	\$0	\$0	\$15,663,683	
SUBTOTALS:							\$510,500	\$510,500	\$510,500	\$0	\$0	\$0	\$1,531,500				
Regionwide																	
- Regionwide	101492	Exist	\$18,312,343	\$341,823	\$2,506,735	\$0	\$0	\$900,000	\$1,861,900	\$2,463,377	\$6,967,135	\$6,272,805	\$18,465,217	\$30,048,109	\$0	\$51,361,884	
SUBTOTALS:								\$900,000	\$1,861,900	\$2,463,377	\$6,967,135	\$6,272,805	\$18,465,217				
TPO TOTAL ALLOCATION REQUEST (4/5/2018)							\$7,907,008	\$8,082,253	\$8,221,808	\$8,221,808	\$8,221,808	\$8,706,044	\$49,360,729				
CTB CMAQ Allocation for Richmond Regional TPO (3/7/2018)							\$7,907,008	\$8,082,253	\$8,221,808	\$8,221,808	\$8,221,808	\$8,706,044	\$49,360,729				
Fed CMAQ Only (80%)							\$6,325,606	\$6,465,802	\$6,577,446	\$6,577,446	\$6,577,446	\$6,964,835	\$39,488,583				
State Match (20%)							\$1,581,402	\$1,616,451	\$1,644,362	\$1,644,362	\$1,644,362	\$1,741,209	\$9,872,146				
Funds Remaining							\$0	\$0	\$0	\$0	\$0	\$0	\$0				

## NOTE:

- Cost estimates from PCES (VDOT's project cost estimating system) or provided by local jurisdictions.
- Schedule provided by PCES or by local jurisdictions.
- Other funding from PCES/SYIP.
- Previous CMAQ funding from TPO tracking sheets.

\* Actual and projected allocations consist of 80% federal CMAQ funds and 20% state match (provided by VDOT)

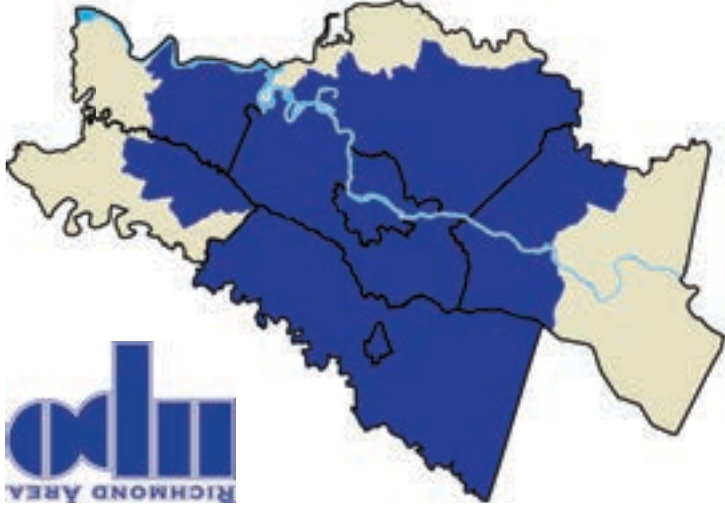
† PPF: Past, Present, and Future



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Ashland Charles City Chesterfield Goochland Hanover Henrico New Kent Powhatan Richmond



The Richmond Regional Transportation Planning Organization is the federally-designated forum for regional transportation decision-making, planning, and programming, which allocated \$160 million for regional transportation projects in 2016.

The agency's board is the only transportation organization in the Richmond region that includes elected officials from all nine of the Region's localities. Policymakers from regional, state, and federal transportation agencies also sit on the board.

The RRTPO is comprised of the City of Richmond, Town of Ashland, and all or part of the Counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan.



## Richmond Regional Planning District Commission

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The RRTPO is staffed by the Richmond Regional Planning District Commission, an intergovernmental agency that facilitates collaboration among the nine local jurisdictions in the Richmond region.