



## COMMONWEALTH of VIRGINIA

### *Commonwealth Transportation Board*

Shannon Valentine  
Chairperson

1401 East Broad Street  
Richmond, Virginia 23219

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## **COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA**

VDOT Central Auditorium  
1221 East Broad Street  
Richmond, Virginia 23219

April 9, 2019  
10:00 a.m.

1. HRTAC Tolling Agreement  
*Nick Donohue, Deputy Secretary of Transportation*
2. I-95 Corridor Improvement Plan Overview  
*Nick Donohue, Deputy Secretary of Transportation*
3. I-81 Update  
*Nick Donohue, Deputy Secretary of Transportation*
4. Transportation Performance Management - Safety  
*Nick Donohue, Deputy Secretary of Transportation*  
*Margie Ray, Office Intermodal Planning and Investment*
5. Executive Leadership Team on Highway Safety - Monthly Update  
*Marshall M. Herman, Special Assistant, Secretary of Transportation*
6. FY 2020 Primary Extensions Paving & High Volume Unpaved Roads  
Local Programs Update  
*Julie Brown, Virginia Department of Transportation*
7. Draft FY 2020 – 2025 Six-Year Improvement Program  
*John Lawson, Virginia Department of Transportation*
8. Long Bridge Project  
*Mike McLaughlin, Virginia Department of Rail & Public Transportation*

Agenda  
Meeting of the Commonwealth Transportation Board  
Workshop Session  
April 9, 2019  
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9. Draft SYIP Fiscal Years 2020-2025  
*Steve Pittard, Virginia Department of Rail and Public Transportation*  
*Mike McLaughlin, Virginia Department of Rail & Public Transportation*  
*Jennifer DeBruhl, Virginia Department of Rail & Public Transportation*
10. Innovation and Technology Transportation Fund  
*Cathy McGhee, Director, Research and Innovation*
11. General Assembly Update  
*JoAnne Maxwell, Virginia Department of Transportation*
12. Director's Items  
*Jennifer Mitchell, Virginia Department of Rail & Public Transportation*
13. Commissioner's Items  
*Stephen Brich, Virginia Department of Transportation*
14. Secretary's Items  
*Shannon Valentine, Secretary of Transportation*  
###



COMMONWEALTH of VIRGINIA

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# Hampton Roads Master Tolling Agreement

Nick Donohue

Deputy Secretary of Transportation

April 9, 2019



Virginia Department of Rail and Public Transportation



# Express Lanes Partnerships

- **CTB entered into MOA with Northern Virginia Transportation Commission related to use of revenues from I-66 Inside the Beltway**
- **CTB accepted recommendations from the Northern Virginia Transportation Authority regarding use of concession payment from I-66 Outside the Beltway**
- **CTB entered into MOA with Northern Virginia Transportation Commission and Potomac Rappahannock Transportation Commission for I-395 transit revenues**



# Hampton Roads Regional Express Lanes

Express lanes are operational between I-564 and I-264

Express lanes are approved on HRBT and High Rise Bridge projects

Other segments are under study



# Hampton Roads Regional Express Lanes Operational Analysis

- **VDOT is undertaking operational analysis of potential Hampton Roads regional express lanes network on I-64**
- **Initial results will be available at the May CTB meeting**
- **Anticipate evaluation of several options over 6-8 weeks after completion of the initial analysis**

# Hampton Roads Regional Express Lanes

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- **Hampton Roads Bridge Tunnel and High Rise Bridge have required ~\$4B in tax funding/financing**
- **Hampton Roads Transportation Accountability Commission has provided ~90% of funds**
- **Working to develop a 'master tolling agreement' for I-64 in Hampton Roads**

# Master Tolling Agreement

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- **Goal for imposition of tolls**
- **Use of toll revenue bond proceeds**
- **Where express lanes are implemented**
- **Who imposes tolls (CTB vs. HRTAC)**
- **Times of day tolls are imposed**
- **Other tolling policy**

# Goal for Tolling Policy

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- **Maximize person throughput**
- **HRBT is a generational project**
- **Need to maximize its efficacy to move people between the Peninsula and Southside**
- **Encourage off-peak usage of the facility**
- **Provide option for a reliable trip**

# Use of Toll Revenues

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- **Support tolling operations and maintenance costs**
- **Support debt service for toll-backed debt**
- **Offset HRTAC's contribution for HRBT and High Rise Bridge projects, or other projects mutually agreed to**
- **Subject to applicable law other purposes mutually agreed to**



# Use of Toll Revenue Bond Proceeds

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- **To procure and implement tolling infrastructure and system**
- **Provide \$345M for Hampton Roads Bridge Tunnel project construction costs**
- **Offset HRTAC's contribution for HRBT and High Rise Bridge projects, or other projects mutually agreed to**
- **Other projects mutually agreed to**

# Where Tolls are Imposed

- **Express lanes will be put in place on the new lanes of both the HRBT and High Rise Bridge projects**
- **Express lanes exist on I-64 reversible lanes between I-564 and I-264**
- **VDOT currently undertaking operational analysis examining the traffic impacts of the potential implementation of express lanes on I-64**
  - **I-64 between I-264 and I-464**
  - **I-64 between I-64/I-664 split and Jefferson Avenue**

# Who Imposes the Tolls?

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- **Agreement recognizes the tolling authority of the Board and HRTAC**
- **Agreement would provide for distribution of toll-backed proceeds regardless of whether the Board or HRTAC imposes tolls**

# Tolling Policy Questions

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- **Times of day**
  - 24 hour operations
  - Peak period only
- **HOV-2 versus HOV-3**
- **When is HOV travel free?**
  - During all operations
  - Not during holidays and weekends
  - Peak period only

# Moving Forward

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- **Complete express lane operational analysis and revised scenarios**
- **Work with HRTAC and CTB to determine mutually acceptable terms**
- **Workshop on final terms in September 2019**
- **Action on Master Tolling Agreement in October 2019**



COMMONWEALTH of VIRGINIA  
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# Interstate 95 Corridor Improvement Plan

Nick Donohue  
Deputy Secretary of Transportation  
April 2019



Virginia Department of Rail and Public Transportation





# Overview

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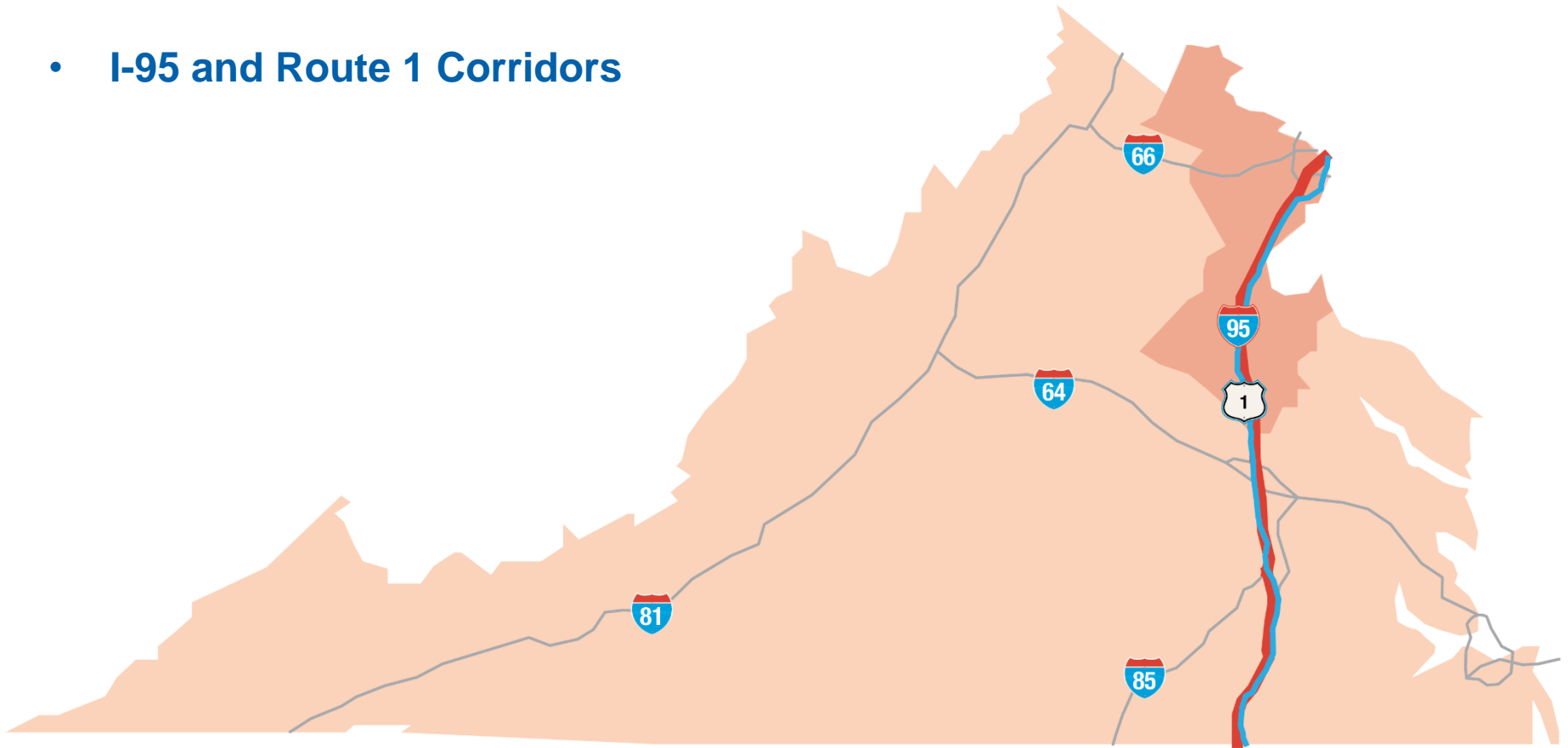
- HJ581/SJ276
- Corridor characteristics
- Methodology
- Current Projects
- Public Outreach

# General Assembly 2019: HJR 581/SJR 276

- HJR 581 and its companion bill, SJR 276, requests that the Commonwealth Transportation Board to study I-95 between Exit 118 (Thornburg) and the Springfield Interchange (Exit 170) and financing options for improvements to the corridor- the Board shall:
  - Designate specific segments of the I-95 corridor between Exits 118 and 170 for improvement;
  - Identify a targeted set of improvements for each segment that may be financed or funded in such segment and evaluated using the statewide prioritization process pursuant to SMART SCALE;
  - Ensure that each segment's total long-term benefit is proportional to the funds allocated to that segment in relation to the total corridor;
  - Minimize the impact of the Plan on local truck traffic;
  - Identify incident management strategies corridor-wide;
  - Ensure that any revenues collected be used only for the benefit of Interstate 95 corridor;
  - Identify potential solutions to address region-specific needs along this Interstate 95 corridor
  - Consider the effect of improvements to VRE, implementation of high speed rail and enhanced transit service on congestion along the corridor.
- The CTB will complete its meetings by November 30, 2019 and report findings and recommendations by the first day of the 2020 GA Session.

# Study Area

- I-95 and Route 1 Corridors

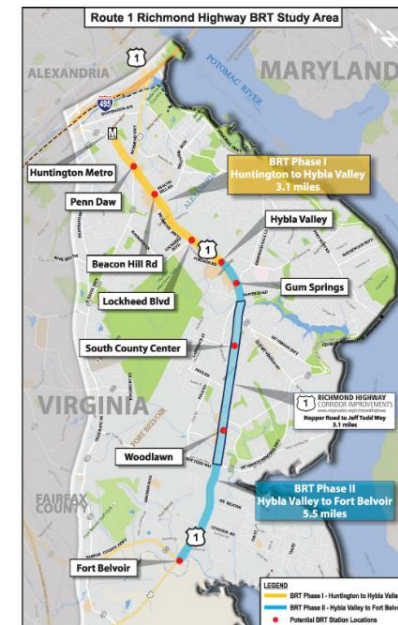


# Proposed Study Methodology

- Evaluate entire Interstate 95 corridor from NC border to DC/MD border
- Recognize unique nature of 95 corridor
- Similar in approach to the I-81 Corridor Improvement Plan
  - Analyze corridor to identify top problem areas
  - Determine contributing factors for each problem area and develop potential solution
  - Prioritize solutions
- Evaluate financing options

# 95 Corridor is Multimodal

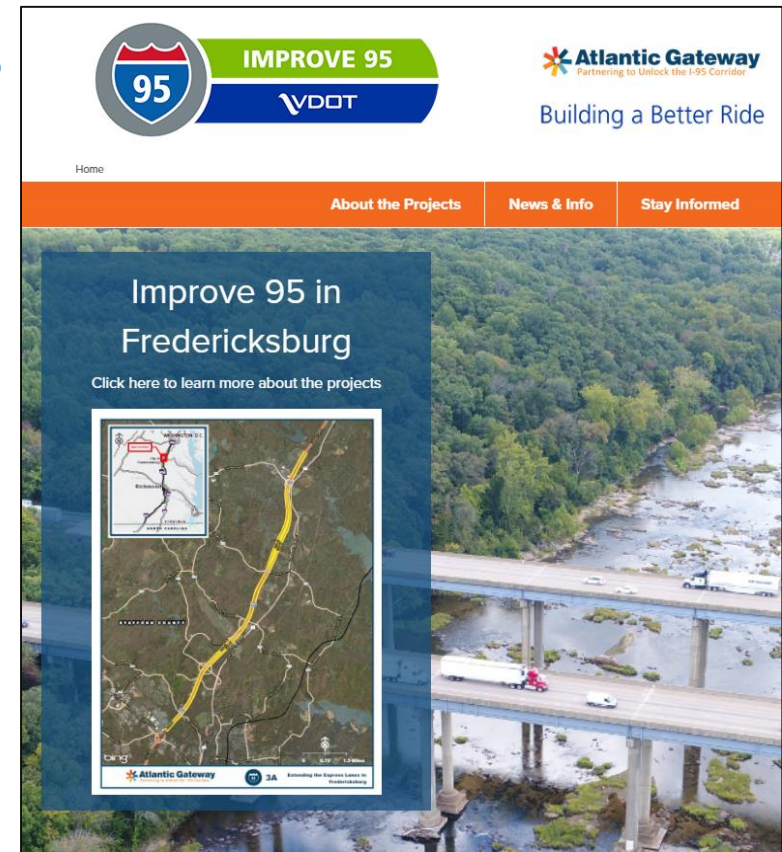
- Virginia Railway Express (VRE)
- Bus rapid transit
- Express bus service
- Carpooling, vanpooling and other transportation demand management strategies
- Amtrak and intercity bus service
- CSX freight rail



# Current Projects

## Study will assume all funded I-95 corridor projects are built

- I-95 Auxiliary Lane at Route 123
- I-95 Express Lanes extension
- Rte 630/Courthouse Rd Interchange
- Rappahannock River Crossings
- ITTF recommended projects
- Park and Ride Lot expansions





# Public Outreach

- **Initial outreach at Spring SYIP meetings**
- **Public meetings will be planned along the Corridor**
  - **Problem identification**
  - **Potential solutions**
  - **Prioritized improvements**
- **Will engage MPOs, PDCs and NVTAs throughout the process**
- **Public meetings will be completed by Nov 30 2019**



COMMONWEALTH of VIRGINIA

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SECRETARY of TRANSPORTATION

# Interstate 81 Corridor Improvement Fund and Program

Nick Donohue

Deputy Secretary of Transportation

April 9, 2019



Virginia Department of Rail and Public Transportation



# Governor Northam's Amendments

- **Recommended 28 line amendments to both HB2718 (Landes and Austin) and SB1716 (Obenshain and Carrico)**
  - Increase in statewide truck registration fees
  - Impose a 2.1% regional fuels tax along 81 corridor
  - Increase in statewide diesel and road taxes
  - Technical amendments
  - “Kill switch” provision
  - NVTA Technical amendments

# Governor Northam's Amendments

- **Approved by House 58-39 and by Senate in two blocks**
  - 25-13 for the increase in truck registration fees
  - 22-14 for the remaining amendments
- **Governor Northam signed both bills April 3, 2019**
- **Amendments were supported by multiple organizations**
  - Virginia Trucking Association
  - Virginia Chamber of Commerce
  - Virginia FREE
  - Virginia Transportation Construction Alliance

# Overview of Amendments

- **Raises both statewide and regional revenues**
- **Statewide revenues are distributed based on of truck miles traveled on Interstate highways**
  - **41.0% to Interstate 81 corridor**
  - **17.9% to Interstate 95 corridor (outside NOVA)**
  - **12.6% to Interstate 64 corridor**
  - **9.1% to the Northern Virginia Transportation Authority**
  - **19.4% for other improvements to Interstate highway corridors**

# Revenue Estimates

	FY20	FY21	FY22	FY23	FY24	FY25
Truck Reg Fees	77.0	77.0	77.0	77.0	77.0	77.0
Diesel Tax	-	-	70.8	70.6	70.4	70.7
Road Tax *	23.8	73.4	73.4	73.4	73.4	73.4
Regional Fuels Tax	55.0	60.7	61.3	61.3	61.2	61.3

Figures in millions

\* New estimates are being developed based restructuring of tax



# Revenue Distribution

	FY20	FY21	FY22	FY23	FY24	FY25
Interstate 81 Corridor Imp Fund	96.4	122.4	152.1	152.0	151.8	152.1
Interstate 95 Corridor	18.0	26.9	39.5	39.5	39.5	39.5
Interstate 64 Corridor	12.7	18.9	27.8	27.8	27.8	27.8
NVTA Fund	9.2	13.7	20.2	20.1	20.1	20.1
Other Imp to Interstates	19.6	29.2	42.9	42.9	42.9	42.9
<b>TOTAL</b>	<b>155.8</b>	<b>211.1</b>	<b>282.5</b>	<b>282.3</b>	<b>282.0</b>	<b>282.4</b>

# Truck Registration Fees

(58.1-697.2)

- **Increases maintain Virginia's progressive fee structure**
- **Captures both in-state and interstate trucks through International Registration Plan**
- **Increases bring Virginia more in-line with other I-81 corridor states**
- **Fees for farm vehicles remain ½ of the fee for heavy trucks as of January 1, 2019**

# 2.1% Regional Fuels Tax

(58.1-2295.1)

- **Applies in Planning District Commissions in which Interstate 81 is located**
  - PDCs 3, 4, 5, 6, and 7
- **Functions the same as the regional fuels tax in Hampton Roads and Northern Virginia**
- **100% of revenues are deposited in Interstate 81 Corridor Improvement Fund**

# Road Tax

(58.1-2701)

- Road Tax is a surcharge on diesel fuel paid by trucks through International Fuels Tax Agreement that—
  - Have two axles and weight greater than 26,000 pounds
  - Have three or more axles
  - Are combination vehicles with a weight greater than 26,000 pounds
- Current rate is \$0.035 per gallon

# Road Tax

(58.1-2701)

- **Starting July 1, 2019 the rate will be \$0.01125 times the average fuel economy for heavy trucks**
  - Current average mpg is 6
  - $6 \times \$0.01125 = \$0.0675$  per gallon
  - An increase of \$0.0325 per gallon
- **Starting July 1, 2020, rate will be \$0.0225 x average mpg**
  - $6 \times \$0.0225 = \$0.135$  per gallon
  - An increase from current rates of \$0.10 per gallon

# Diesel Tax

(58.1-2217.1)

- **Amendments impose an additional diesel tax at the wholesale level of 2.03%**
  - Results in an \$0.068 increase in diesel tax rate
- **Starts July 1, 2021**
- **Includes the floor from HB2313 (2013)**

# Interstate 81 Corridor Improvement Fund and Program

(33.2-3601 and 33.2-3602)

- **Moneys may only be used for capital, operating and other improvement costs identified in an adopted Interstate 81 Corridor Improvement Plan**
- **Board must, starting July 1, 2020, annually update and adopt the 81 Corridor Improvement Program**
  - **Must consult with Interstate 81 Committee and review their recommendations**
  - **Must report on status and effectiveness of projects**

# Interstate 81 Corridor Report

(33.2-3602 D)

- **Board must report to the General Assembly by December 15 each year on—**
  - **Safety and performance of Interstate 81**
  - **Assessment of effectiveness of the operational strategies and capital projects implemented through the Program**
  - **Status of projects funded through the Program**
  - **Current and projected balances of the Fund**



# Interstate 81 Committee

(33.2-3603)

- **Board must establish Interstate 81 Committee**
- **15 voting members and two ex-officio**
  - 5 planning district commission chairs
  - 4 members of the House of Delegates
  - 3 members of the Senate
  - 3 CTB members from Bristol, Salem and Staunton
  - VDOT Commissioner and DRPT Director ex-officio
- **Required to hold 4 public meetings each year**

# Interstate 81 Committee

(33.2-3603)

- **Purpose is to provide advice and recommendations to the Board—**
  - **Development of the Program**
  - **Updates to the I-81 Corridor Improvement Plan**
- **Committee shall review the Interstate 81 Corridor Improvement Plan as it relates to project prioritization and funding options**
  - **Must report to the General Assembly and Governor by December 15, 2019 on recommendations**

# Interstate 81 Corridor Improvement Plan

## (33.2-3604)

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- **Requires the Board to regularly update the Plan and establishes requirements for such updates—**
  - Needs assessment
  - Solutions identification
  - Prioritization of potential solutions
  - Incident management and truck parking
- **Moneys in the Fund can only be used for items included in the Plan**

# Northern Virginia Transportation Authority

(Enactment Clauses 6 and 7)

- Revenues are deposited into the Northern Virginia Transportation Authority Fund and distributed
  - 30% to local governments
  - 70% to the Authority for regional projects
- Moneys for purposes of the benefits calculation and distribution to local governments are determined to be generated by locality in the same manner as the retail sales and use tax
- These revenues may not support debt

# Interstate Highway Corridors

- **~50% of statewide revenue increases**
- **Operational improvements and other enhancements to interstate corridors to improve**
  - **Safety**
  - **Reliability**
  - **Travel flow**
- **Any Interstate with 10%+ of Interstate truck traffic shall receive an amount approximately equal its percentage of Interstate truck traffic over time**

# Other Provisions

- Revenues raised by the legislation expire December 31 in any year the General Assembly uses the funds for a non-transportation purpose
- If any part of the legislation is found to be unconstitutional the remaining portions shall remain in effect
- Board and VDOT shall continue to undertake all work on I-81 that they undertook as of July 1, 2019



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## **COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA**

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April 9, 2019  
10:00 a.m.

4. Transportation Performance Management - Safety  
*Nick Donohue, Deputy Secretary of Transportation*  
*Margie Ray, Office Intermodal Planning and Investment*

*The presentation is currently unavailable.*

*Governor's*  
EXECUTIVE LEADERSHIP TEAM  
— — — — — *on* — — — — —  
HIGHWAY SAFETY





# HIGHWAY SAFETY MONTH

Update

Marshall M. Herman

Special Assistant

Office of the Secretary of Transportation

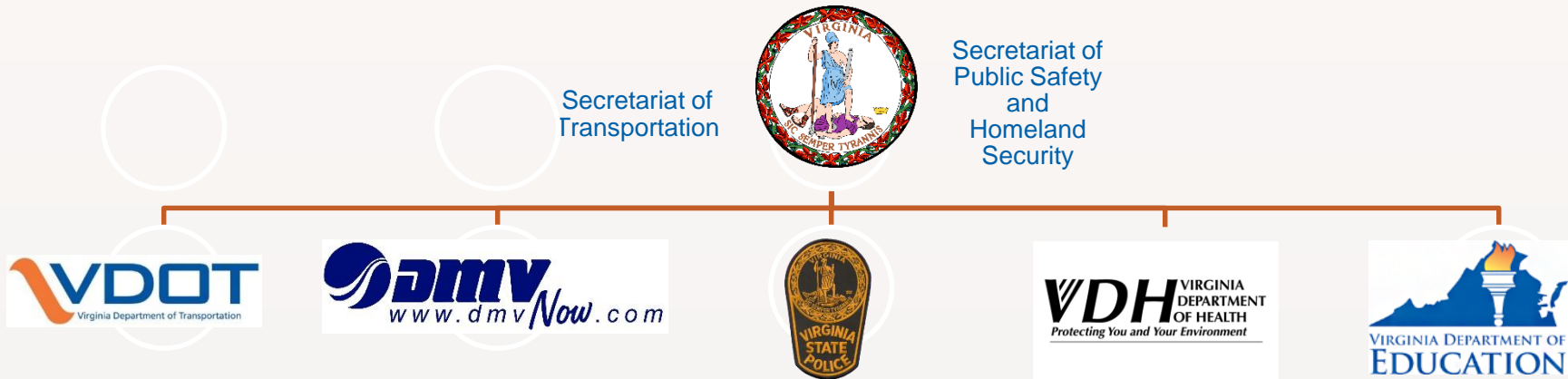
April 9, 2019

# Background

**December 4, 2018: Governor Ralph Northam issued Executive Directive Two, which establishes an Executive Leadership Team on Highway Safety.**

**This team has been tasked to reduce the rising number of fatalities on Virginia's roadways and works proactively to reduce motor vehicle fatality rates.**

# Team Makeup: Five Agencies, One Focus



# Previous Campaigns

**Prior to the group becoming a formal team by Governor Northam, some of the agencies began collaborating on highway safety education and public outreach campaigns, including:**

- **Virginia Highway Safety Month 2018**
- **Seatbelt Safety**
- **Driving Under the Influence**
- **“Move Over” Law**
- **Digital Town Hall on Distracted Driving\***

***\* First campaign as the Governor’s Executive Leadership Team on Highway Safety***

# Highway Safety Month 2018

**April 2, 2018: Governor Northam Declared April as Highway Safety Month in Virginia.**

**First Virginia Governor to do this (possibly first in the nation).**

# Highway Safety Month 2019

**Throughout April, the Governor's Executive Leadership Team on Highway Safety is launching a variety of campaigns, both as a group and as individual agencies, on important issues such as pedestrian safety, work zone safety awareness, "Toward Zero Deaths," and distracted driving.**

**The main focus for this year's Highway Safety Month is pedestrian safety as data shows that Virginia experienced an 8% increase in pedestrian fatalities in 2018 (from 2017). This is a nearly 62% increase over the number of deaths (76) reported just 10 years ago from 2008.**

# Highway Safety Month 2019

## April 2019:

# Governor Northam Proclaims April as Highway Safety Month

## Governor Northam Proclaims April as Highway Safety Month in Virginia

As pedestrian deaths reach decade high, Governor urges all who use the Commonwealth's roads to work together to prevent fatalities

**RUCKERSVILLE**—Governor Ralph Northam today [proclaimed](#) April as Highway Safety Month in the Commonwealth of Virginia. While the total number of crash deaths in Virginia was down in 2018, pedestrian fatalities in the Commonwealth were at a ten-year high. Governor Northam is calling attention to the rise in pedestrian casualties in the Commonwealth and nationwide to elevate awareness of dangerous behaviors and help save lives.

In 2018, 123 pedestrians were killed in crashes in Virginia, a nearly 62-percent increase over the number of deaths (76) reported 10 years ago in 2008.

"I am encouraged that, overall, crash deaths are down in the Commonwealth, but we still have a lot of work to do, particularly when it comes to reducing pedestrian fatalities," **said Governor Northam**. "Whether crossing the street or behind the wheel, each of us has a responsibility to engage in behavior that will make our roads safer for everyone. Highway Safety Month is a tremendous opportunity to bring a renewed focus to our efforts to save lives and move closer to our goal of achieving zero deaths on Virginia's roadways."

Speaking at an event at the Insurance Institute for Highway Safety Vehicle Research Center (IIHS) in Ruckersville, Governor Northam called upon members of his Executive Leadership Team on Highway Safety to help elevate the importance of pedestrian safety. Comprised of representatives from the Virginia Departments of Motor Vehicles (DMV), Transportation (VDOT), Health, Education and State Police, and led by the Secretaries of Transportation and Public Safety and Homeland Security, the team is charged with reducing fatalities on Virginia's roadways and driving change in the Commonwealth's highway safety culture.

"We all have a role to play in protecting pedestrians on our roadways because, at some point in our day, we all are pedestrians," **said Secretary of Public Safety and Homeland Security Brian Moran**. "As drivers, we can help by following posted speed limits, staying alert, and scanning the roadway for walkers and bicyclists. As pedestrians, we can make a concerted effort to use crosswalks when available and focus on our walk rather than our phone. It's also good advice to lock eyes with a driver before you cross the street. Just because you see someone, doesn't mean they see you."

The average number of pedestrian fatalities over the past 10 years was 93 deaths per year, although half of the years in this time frame reported fatality numbers in the 70s. The decade-low number of pedestrian fatalities was 73 in 2009; the previous decade high was 121 in 2016. In 2017, 114 pedestrians were killed.

## Highway Safety Month

04/01/2019

**WHEREAS**, highway safety includes preventing roadway injuries and fatalities, promoting safe driving, bicycling, and pedestrian habits; and

**WHEREAS**, since 2018, the Governor's Executive Leadership Team on Highway Safety has been researching and highlighting roadway safety issues to the residents of and visitors to the Commonwealth of Virginia; and

**WHEREAS**, the Governor's Executive Leadership Team on Highway Safety is providing public outreach campaigns to educate and engage residents and community partners to reduce injuries and fatalities on Virginia's roadways, in keeping with the theme of, "Moving Virginia toward zero roadway deaths."; and

**WHEREAS**, strong highway safety programs are critical to preventing roadway injuries and fatalities; and


**WHEREAS**, the Governor's Executive Leadership Team on Highway Safety provides leadership for the Commonwealth's roadway, public safety, education, and public health systems, and promotes safety through extensive and effective collaboration among a wide range of public and private sector partners; and

**WHEREAS**, the Governor's Executive Leadership Team on Highway Safety guides these systems by helping communities promote and protect the safety of residents and visitors; and


**WHEREAS**, the Governor's Executive Leadership Team on Highway Safety is committed to ensuring that Virginians are safe on roadways from the moment their travels begin, and our collaborative efforts with individuals, communities, providers, and policy makers will encourage the Commonwealth's motorists, bicyclists, and pedestrians to follow safe practices;

**NOW, THEREFORE**, I, Ralph S. Northam, do hereby recognize April 2019 as **HIGHWAY SAFETY MONTH** in our **COMMONWEALTH OF VIRGINIA**, and I call this observance to the attention of all our citizens.

# Highway Safety Month 2019 Announcement Event


 **VA State Police**  
@VSPPIO Following

#VSP w/@GovernorVA Ralph Northam & @VirginiaDMV @VaDOT @VDHgov @VDOE\_News @VaPSHS at the @IIHS\_autosafety in #Greene Co #virginia to proclaim April as #VAHwySafety Month!




10:55 AM - 2 Apr 2019


6 Retweets 22 Likes



6 22


 **IIHS**  
@IIHS\_autosafety Following

.@GovernorVA declared April as Virginia Highway Safety Month during a visit to our Vehicle Research Center today. The governor emphasized the importance of addressing pedestrian crash deaths, which have been on the rise in Virginia and across the country. #VAHwySafety



3:30 PM - 2 Apr 2019

1 Retweet 13 Likes



2 1 13



# Highway Safety Month 2019 Announcement Event

 **VDOT**   
@VaDOT Following

#ICYMI Governor Ralph Northam declared April as #VAHwySafety Month for the second year in a row at an event today at @IIHS\_autosafety in Ruckersville 🚗 @GovernorVA @VirginiaDMV



11:23 AM - 2 Apr 2019

17 Retweets 40 Likes 

13 17 40

 **Ralph Northam**   
@GovernorVA Following

Whether crossing the street or behind the wheel, each of us has a responsibility to make our roads safer. It was great to visit @IIHS\_autosafety in Ruckersville today to kick off Highway Safety Month in Virginia. [governor.virginia.gov/newsroom/all-r ...](http://governor.virginia.gov/newsroom/all-r...)



4:14 PM - 2 Apr 2019

4 Retweets 35 Likes 

👤 Brian J. Moran, VDOT and VirginiaDMV

43 4 35

# Highway Safety Month 2019 Announcement Event

## Virginia State Police Facebook Live Video:

More than 3,000 views in the first three hours of post.

The screenshot displays a Facebook Live video from the Virginia State Police page. The video content shows a man in a dark suit speaking at a podium in a well-lit garage or workshop. To his left, a woman in a blue dress stands attentively. In the background, several cars are parked, and an American flag is visible. The Facebook interface includes a search bar at the top, navigation icons, and the post details: 'Virginia State Police' profile, 'was live on Tuesday', and engagement metrics of 17 shares and 6.2K views. The comments section is visible, showing several supportive messages from users.

# Highway Safety Month 2019: Additional Activities

## Virginia Department of Health

- April 1-5 – Public Health Week
- April 1 – Focused on “Healthy Communities,” which encouraged seat belt use, child safety seat use and bike/ped safety
- April 4 – Health Commissioner's Message (internal)

### VDH HEALTH COMMISSIONER'S MESSAGE



Dear Colleagues,

Our recognition of the contributions of public health continues today, the fourth day of National Public Health Week. As we highlight public health issues that are important to improving our nation's health, I want to remind everyone that we each have a vital role to play in reducing fatalities on the Commonwealth's roadways, which is why Governor Northam designated April as [Virginia Highway Safety Month](#).

**NPHW EVENT TODAY:** *VDH Data Polycom* from 1:30 to 2:30 p.m. in the Mezzanine Conference Room and by Polycom (Overflow Room – UB11)

#### Thursday's Theme is Technology and Public Health

*Data for Informed Decision-making and Improved Health*

New technologies are quickly transforming the public health landscape and can be a potent public health tool. Numerous data sources provide access to health information to more people than ever before. This information is invaluable to Public Health to inform our health policies and programs. Here are some examples of national and state data sources:

- Our own [Virginia Department of Health Data Portal](#) provides an interactive health-related data for Virginia and provides community health assessment, public health and

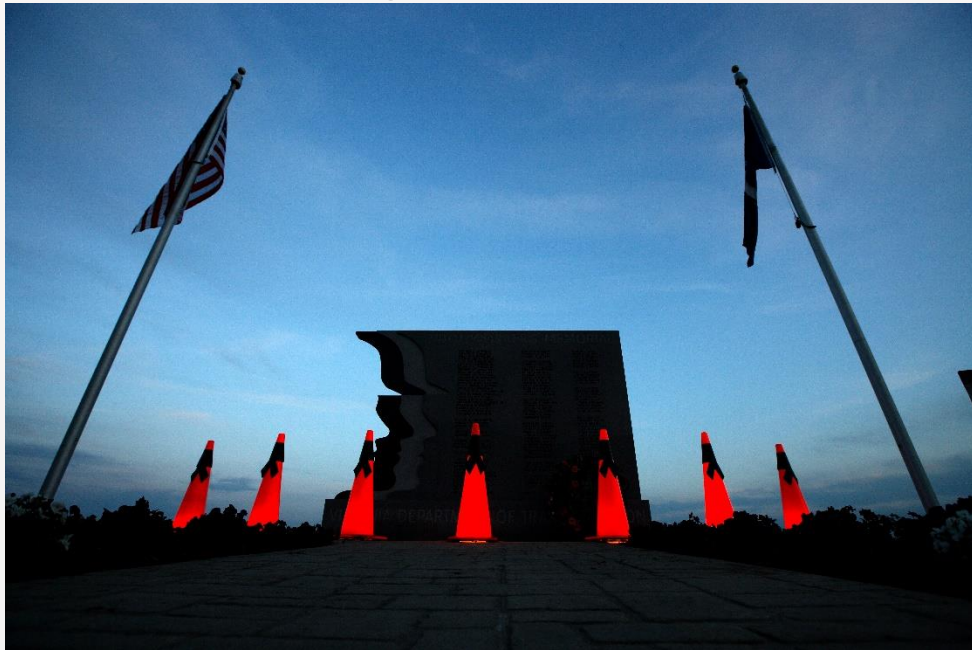




# Highway Safety Month 2019: Additional Activities

## Virginia Department of Transportation

- April 8-12 – Work Zone Awareness Week
- Monday, April 8 – Work Zone Awareness Evening Vigil, Afton Mountain
- Wednesday, April 10 – Go Orange Day



# Highway Safety Month 2019: Additional Activities

## VDOT Districts:

### Salem

- **“Slow Down, Phones Down” safety message near I-581**
- **Display at the Virginia Museum of Transportation in Downtown Roanoke**
- **Media event (April 8) to introduce new portable rumble strips**

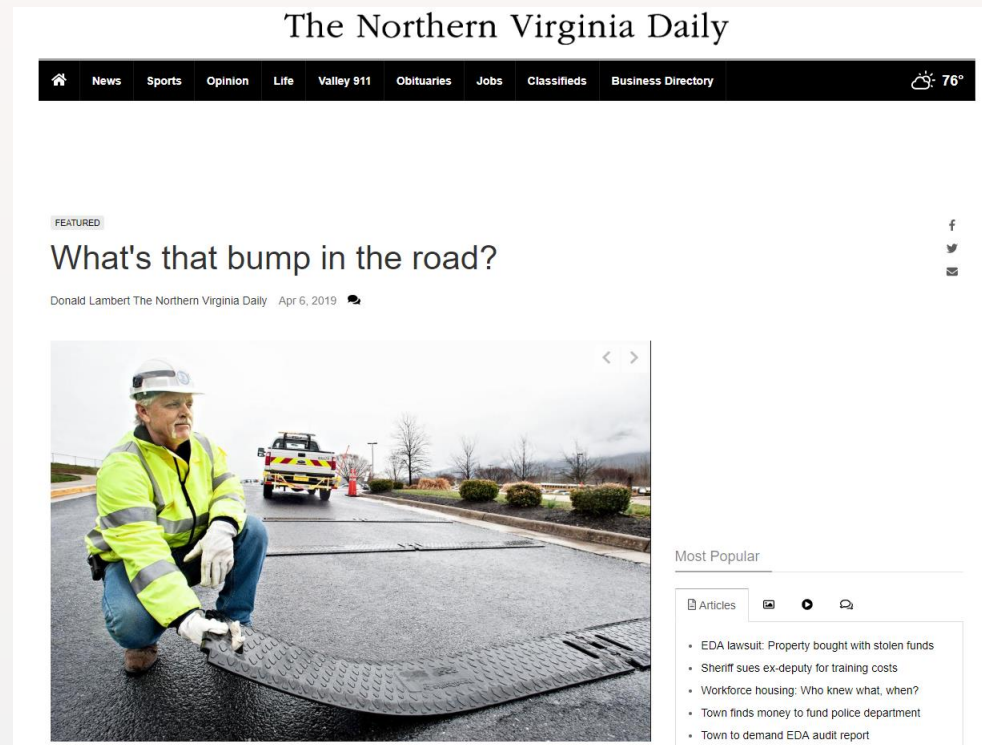
### Culpeper

- **Laminated cards with work zone safety messages sent to each area headquarters. Crew members encouraged to take selfies with their families while holding these messages. Photos will be incorporated into work zone safety social media messaging.**

# Highway Safety Month 2019: Additional Activities

## Staunton

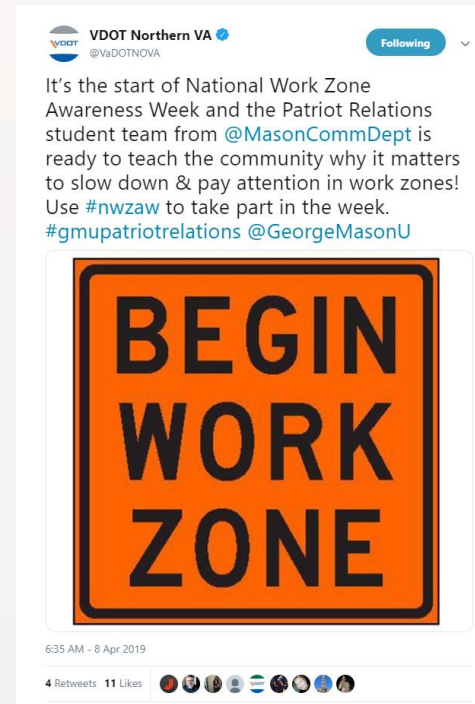
- Demonstrated portable rumble strips for reporters and escorted them to a work-zone safety presentation during a driver-education class at Strasburg High School in Shenandoah County (April 5).



# Highway Safety Month 2019: Additional Activities

## Northern Virginia

- Teamed up with a George Mason University Communications course to create social media content.
- Content from younger perspective as 53% of work zone crashes involve drivers between the ages of 20-29 years old.





# Highway Safety Month 2019: Additional Activities

## Lynchburg

- **LOVE Sign Tour**
  - VDOT Workers' Memorial during NWZAW and the annual vigil
  - Bon Air Area Headquarters along I-95
  - Fredericksburg area
  - Back to Richmond during Celebrate Transportation Day in May
  - Return to US 501 in Lynchburg (by request of area citizens)

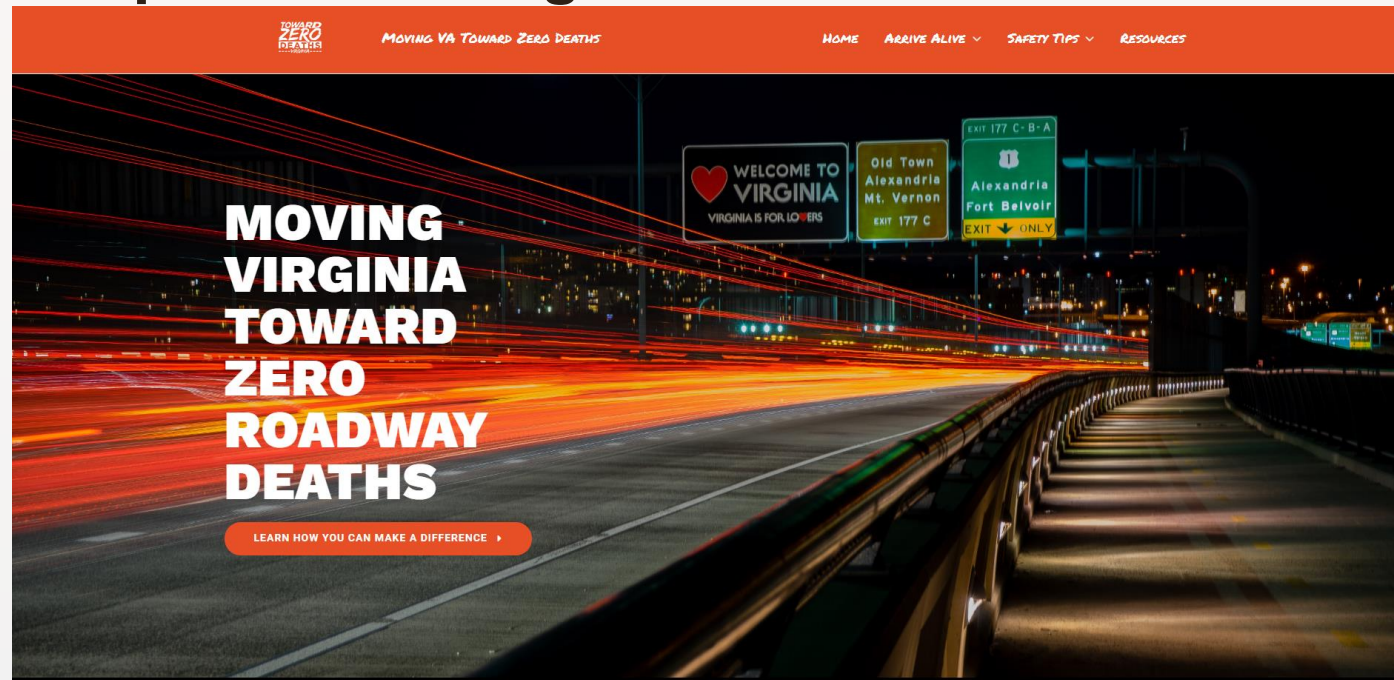




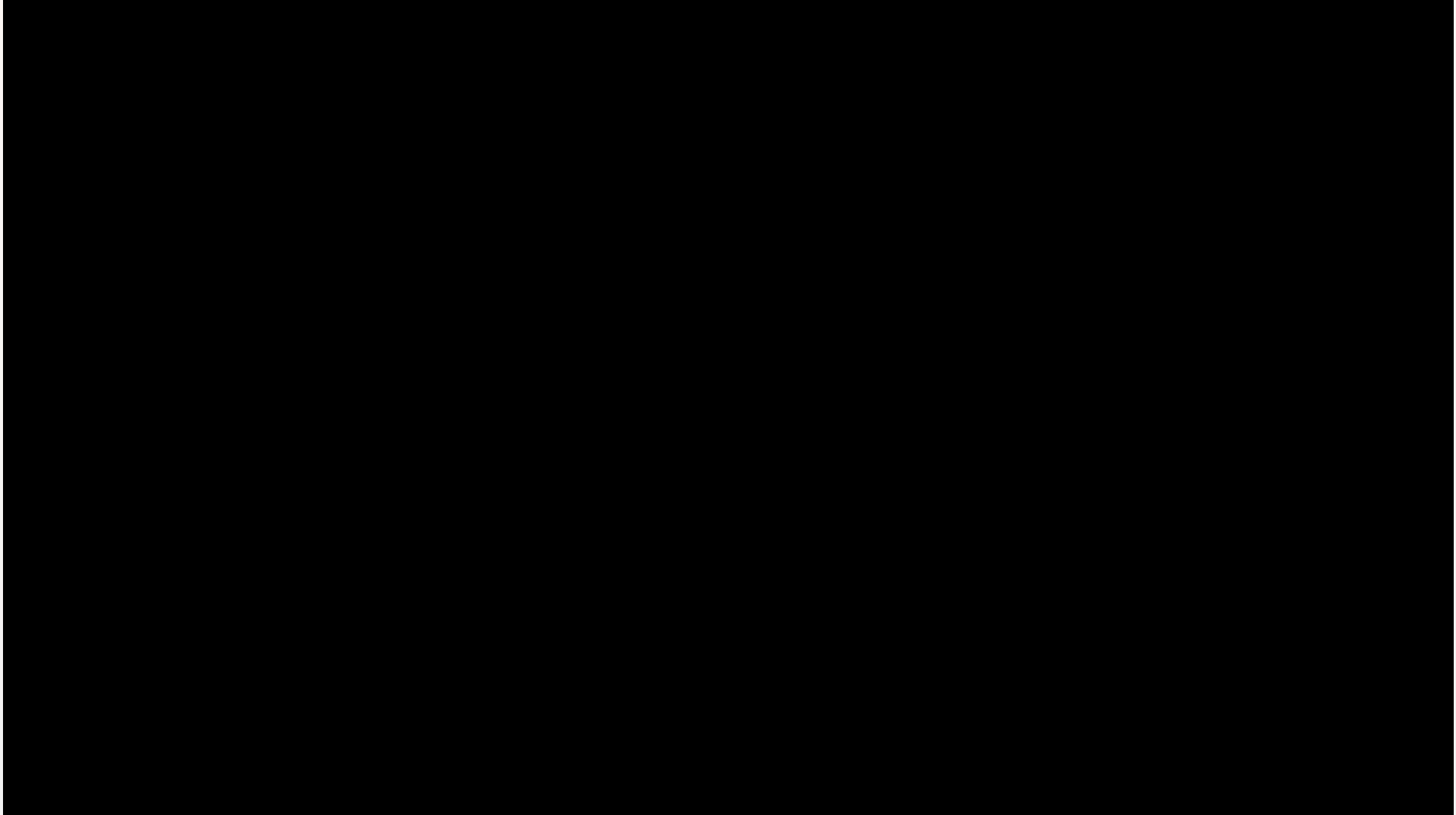
# Highway Safety Month 2019: Additional Activities

## Governor's Executive Leadership Team on Highway Safety

- Late April – #YourSayVA Digital Town Hall on Distracted Driving
- Press release on final survey analysis
- Results to be posted on Virginia's Toward Zero Deaths website



# Highway Safety Month 2019: DMV Video



# THANK YOU

Marshall M. Herman

Special Assistant

Office of the Secretary of Transportation

April 9, 2019



# **FY 2020 Primary Extensions Paving & High Volume Unpaved Roads Local Programs Update**

 Julie R. Brown, Local Assistance Division

April 9, 2019

# FY20 Primary Extensions & High Volume Unpaved Roads

Board approved resolution to establish programs in June 2014

Funding Programs		Proposed Budget
Primary Extensions	SGR Locality Paving (Proposed FY20 Budget)	\$3.3 M
	SGR (Previous Years Recon)	\$2.9 M
	CTB Formula (Proposed FY20 Budget)	\$14.8 M
	CTB Formula (Previous Years Recon)	\$1.2 M
High Volume Unpaved	CTB Formula (Proposed FY20 Budget)	\$2.0 M
	Previous Years Allocations	\$ 0 M

## Primary Extensions Program Criteria

- **Accept applications on an annual basis to support pavement overlay, rehabilitation, or reconstruction projects**
  - **Maximum request of \$1M per locality, per year**
  - **Roadway must have Combined Condition Index (CCI) rating of less than 60**
  - **Projects must be advertised within 6 months of allocation**
  - **Maintenance of Effort Certification required**
- **Prioritize projects for funding based on technical score that considers pavement condition, traffic volume, and past expenditures**
  - **Pavement condition (CCI) – 45%**
  - **On the National Highway System (NHS) – 10%**
  - **Traffic volume – 30%**
  - **Prior expenditures – 15%**
- **Same criteria used to select projects for CTB Formula and State of Good Repair funding**
- **FY20 is the last year these projects will receive an exception to the federal process**

## **FY19 Applications: General Information**

- **Call for applications on November 1, 2018**
- **All applications due by January 7, 2019**
- **Second year applications were entered using VDOT's Smart Portal**
- **Scored 122 applications with requests over \$30.3M**
- **Applications received from 45 localities representing all 9 districts**
- **Funding for locality's primary extensions available from both State of Good Repair (SGR) funds and CTB formula funds**
- **Prioritized and selected primary extension projects using SGR funds first followed by the CTB formula funds**
- **84 total paving projects will tentatively receive funding representing 35 localities**



# State of Good Repair (SGR) Funding for Primary Extensions

- Each District has a set percentage of SGR funding dedicated to Locality pavement projects
- \$6.2M estimated available for FY20 local SGR pavement projects (Primary Extension)
- Recommend funding projects in priority order until funding exhausted; based on current estimates this will:
  - Fully fund 22 local paving projects
  - Partially fund 9 local paving projects

(Note: The 9 partially funded projects were also reviewed for CTB Formula Funding)

## CTB Formula Funding for Primary Extensions

- **Set aside of 14% of CTB formula funds for pavement designated for municipality maintained primary extensions**
  - **\$15.9M available**
  - **Recommend funding projects in priority order until funding exhausted; based on current estimated CTB formula funds this will:**
  - **Fully funding the top 61 scoring remaining applications which includes 9 carryovers from SGR (Funds all remaining applications with total scores of 42.7 and above)**
    - **Partially funded 1 project with a score of 42.2**
- **Localities in all 9 districts receive additional funding**

## High Volume Unpaved Roads Program Criteria

- **Accept applications on an annual basis to provide supplemental funding for providing a hard-surface on high volume unpaved roads**
  - Roadway must be an unpaved road carrying over 500 vehicles per day
  - Project must be in the County's approved Secondary System Six-Year Improvement Program
  - The Maximum allocation per county is \$500,000 (per approved policy in March)
- **Scoring is on a statewide competitive basis using the following criteria:**
  - Higher volume routes – 20%
  - Engineering complete and necessary right of way secured – 20%
  - Readiness for Construction – 15%
  - Additional local funds allocated – 15%
  - Project addresses identified safety issues – 15%
  - Direct access to schools/community/public service facilities – 15%

## FY20 Applications: General Information

- **Call for applications on January 28, 2019**
- **All applications were due by March 29, 2019**
- **Applications received from 3 localities representing Bristol, Northern Virginia, and Hampton Roads Districts with requests of \$1.5M**

**\*High Volume Unpaved Roads Program funding will sunset following FY20 allocations**



## High Volume Unpaved Road Program – Tentative Projects

• Isle of Wight County, Route 638	\$500,000
• Loudoun County, Route 613	\$500,000
• Wythe County, Route 619	\$500,000
<b>TOTAL REQUESTS:</b>	<b>\$1,500,000</b>

## Timeline/Next Steps

- **April 9, 2019 – Tentative FY20 selections presented to CTB and later posted on webpage**
- **May 15, 2019 – Final FY20 selections / allocations approved by CTB**
- **July 1<sup>st</sup> – FY20 Funds available**

### Tentative

- **Late 2019 – FY21 Call for Applications**
- **Jan/Feb 2020 – FY21 Applications due**

# **FY 2020 Primary Extensions Paving & High Volume Unpaved Roads Local Programs Update**

 Julie R. Brown, Local Assistance Division

April 9, 2019

# FY20 Primary Extension Funded with CTB Formula

Partially Funded with SGR Funds, Balance funded with CTB Formula  
Fully Funded with CTB Formula

Fkey	Begin Mile Point	End Mile Point	Locality	District	Submitted By	Street Name	Funds Requested	CCI	Points	AADT	Points	NHS	Points	Prior Exper	EXP Points	Total Score	SGR Funded	CTB Formula	CTB Total
1417	3.996	4.996	Chesapeake	Hampton Roads	James W. Long	Cedar Rd	\$ 365,000	18	37.8	30426	25	No	0	Yes	15	77.8	\$ 342,788	\$ 22,212	\$ 15,984,801
1434	4.112	5.112	Chesapeake	Hampton Roads	James W. Long	Cedar Rd	\$ 360,000	20	36	30000	25	No	0	Yes	15	76	\$ -	\$ 360,000	\$ 15,962,589
153	72.608	73.608	Colonial Heights	Richmond	Todd Flippen	Us Hwy 1	\$ 1,000,000	34	23.4	26326	25	Yes	10	Yes	15	73.4	\$ 279,307	\$ 720,693	\$ 15,602,589
329	4.3	4.556	Hampton	Hampton Roads	Angela Rico	Magruder Blvd	\$ 91,000	29	27.9	20861	20	Yes	10	Yes	15	72.9	\$ -	\$ 91,000	\$ 14,881,896
333	10.86	11.082	Hampton	Hampton Roads	Angela Rico	Armistead Ave N	\$ 76,000	29	27.9	20003	20	Yes	10	Yes	15	72.9	\$ -	\$ 76,000	\$ 14,790,896
24	13.687	14.684	Alexandria	Northern Virginia	Mary Martin	Duke St	\$ 290,000	29	27.9	21000	20	Yes	10	Yes	15	72.9	\$ 130,430	\$ 159,570	\$ 14,714,896
1215	187.212	187.8	Richmond	Richmond	Kenny Horak	Midlothian Tpke	\$ 172,943	29	27.9	21692	20	Yes	10	Yes	15	72.9	\$ -	\$ 172,943	\$ 14,555,326
884	0	0.71	Norfolk	Hampton Roads	Christine Armstrong	E Indian River Rd	\$ 230,000	18	37.8	18000	20	No	0	Yes	15	72.8	\$ -	\$ 230,000	\$ 14,382,383
1173	5.12	6.12	Richmond	Richmond	Kenny Horak	Belt Blvd S	\$ 258,864	30	27	16000	20	Yes	10	Yes	15	72	\$ -	\$ 258,864	\$ 14,152,383
426	62.464	62.75	Hampton	Hampton Roads	Angela Rico	Mercury Blvd W	\$ 133,000	42	16.2	71000	30	Yes	10	Yes	15	71.2	\$ -	\$ 133,000	\$ 13,893,519
894	47.58	48.58	Norfolk	Hampton Roads	Christine Armstrong	N Military Hwy	\$ 500,000	44	14.4	60000	30	Yes	10	Yes	15	69.4	\$ -	\$ 500,000	\$ 13,760,519
1157	5.068	6.068	Richmond	Richmond	Kenny Horak	Belt Blvd	\$ 232,050	34	23.4	17670	20	Yes	10	Yes	15	68.4	\$ -	\$ 232,050	\$ 13,260,519
340	11.868	12.15	Hampton	Hampton Roads	Angela Rico	Armistead Ave N	\$ 103,000	33	24.3	12000	15	Yes	10	Yes	15	64.3	\$ -	\$ 103,000	\$ 13,028,469
103	63.982	64.484	Buena Vista	Staunton	Trina Mastran	W 29th St	\$ 723,897	22	34.2	9842	15	No	0	Yes	15	64.2	\$ 261,512	\$ 462,385	\$ 12,925,469
493	1.993	2.15	Lexington	Staunton	Jeffrey Martone	N Main St	\$ 52,120	29	27.9	8900	10	Yes	10	Yes	15	62.9	\$ -	\$ 52,120	\$ 12,463,084
887	48.34	48.888	Norfolk	Hampton Roads	Christine Armstrong	N Military Hwy	\$ 270,000	52	7.2	59974	30	Yes	10	Yes	15	62.2	\$ -	\$ 270,000	\$ 12,410,964
2261	14.472	15.008	Fairfax	NOVA	Wendy Sanford	Chain Bridge Rd	\$ 947,810	48	10.8	27676	25	Yes	10	Yes	15	60.8	\$ -	\$ 947,810	\$ 12,140,964
194	2.548	2.99	Danville	Lynchburg	Karen Black	Main St	\$ 254,000	26	30.6	9863	15	No	0	Yes	15	60.6	\$ 196,007	\$ 57,993	\$ 11,193,154
219	4.628	4.79	Danville	Lynchburg	Karen Black	Memorial Dr	\$ 109,000	38	19.8	9900	15	Yes	10	Yes	15	59.8	\$ -	\$ 109,000	\$ 11,135,161
237	11.296	11.58	Danville	Lynchburg	Karen Black	S Boston Rd	\$ 155,000	44	14.4	15732	20	Yes	10	Yes	15	59.4	\$ -	\$ 155,000	\$ 11,026,161
366	5.148	6.148	Hampton	Hampton Roads	Angela Rico	Fox Hill Rd	\$ 399,000	39	18.9	26159	25	No	0	Yes	15	58.9	\$ -	\$ 399,000	\$ 10,871,161
2089	34.704	35.28	Williamsburg	Hampton Roads	Aaron Small	Merrimac Trl	\$ 226,440	42	16.2	9404	15	Yes	10	Yes	15	56.2	\$ -	\$ 226,440	\$ 10,472,161
221	6.298	6.54	Danville	Lynchburg	Karen Black	Central Blvd	\$ 112,000	59	0.9	32000	30	Yes	10	Yes	15	55.9	\$ -	\$ 112,000	\$ 10,245,721
691	0.696	1.11	Newport News	Hampton Roads	Bridgette Parker	J Clyde Morris Blvd	\$ 433,379	49	9.9	38360	30	No	0	Yes	15	54.9	\$ -	\$ 433,379	\$ 10,133,721
247	10.548	11.548	Danville	Lynchburg	Karen Black	S Boston Rd	\$ 333,000	50	9	16000	20	Yes	10	Yes	15	54	\$ -	\$ 333,000	\$ 9,700,342
117	1.408	2.288	Charlottesville	Culpeper	Jonathan Dean	Emmet St S	\$ 290,995	56	3.6	26205	25	Yes	10	Yes	15	53.6	\$ 100,811	\$ 190,184	\$ 9,367,342
323	190.996	191.468	Galax	Salem	Brenda Marrah	E Stuart Dr	\$ 198,338	51	8.1	18838	20	Yes	10	Yes	15	53.1	\$ 78,897	\$ 119,441	\$ 9,177,158
607	3.76	4.272	Martinsville	Salem	Christopher Morris	S Memorial Blvd	\$ 175,000	51	8.1	18798	20	Yes	10	Yes	15	53.1	\$ -	\$ 175,000	\$ 9,057,717
617	4.64	5.276	Martinsville	Salem	Christopher Morris	S Memorial Blvd	\$ 250,000	46	12.6	14705	15	Yes	10	Yes	15	52.6	\$ -	\$ 250,000	\$ 8,882,717
405	270.136	270.576	Hampton	Hampton Roads	Angela Rico	Kecoughtan Rd	\$ 198,000	30	27	4891	10	No	0	Yes	15	52	\$ -	\$ 198,000	\$ 8,632,717
590	45.12	46.12	Marion	Bristol	Cecil Hicks	N Main St	\$ 608,735	42	16.2	15660	20	No	0	Yes	15	51.2	\$ 149,606	\$ 459,129	\$ 8,434,717
2302	116.24	117.24	Christiansburg	Salem	Wayne Nelson	Radford Rd	\$ 439,019	48	10.8	11673	15	Yes	10	Yes	15	50.8	\$ -	\$ 439,019	\$ 7,975,588
264	0.055	1	Falls Church	Northern Virginia	Caitlin Sobsey	Hillwood Ave	\$ 788,190	37	20.7	11079	15	No	0	Yes	15	50.7	\$ -	\$ 788,190	\$ 7,536,569
266	0	0.055	Falls Church	Northern Virginia	Caitlin Sobsey	Hillwood Ave	\$ 43,874	37	20.7	11000	15	No	0	Yes	15	50.7	\$ -	\$ 43,874	\$ 6,748,379
265	1	1.02	Falls Church	Northern Virginia	Caitlin Sobsey	Hillwood Ave	\$ 16,682	38	19.8	10218	15	No	0	Yes	15	49.8	\$ -	\$ 16,682	\$ 6,704,505
2442	0.23	0.724	Herndon	Northern Virginia	John Irish	Herndon Pkwy	\$ 250,000	44	14.4	22647	20	No	0	Yes	15	49.4	\$ -	\$ 250,000	\$ 6,687,823
2256	5.012	5.78	Blacksburg	Salem	John Boyer	S Main St	\$ 296,813	44	14.4	23441	20	No	0	Yes	15	49.4	\$ -	\$ 296,813	\$ 6,437,823
78	1.068	1.202	Bristol	Bristol	Jay Detrick	Commonwealth Ave	\$ 118,000	56	3.6	18000	20	Yes	10	Yes	15	48.6	\$ -	\$ 118,000	\$ 6,141,010
1644	9.644	9.75	Staunton	Staunton	Steve Yancey	E Beverley St	\$ 32,252	34	23.4	1921	10	No	0	Yes	15	48.4	\$ -	\$ 32,252	\$ 6,023,010
68	0	0.36	Bristol	Bristol	Jay Detrick	Cumberland St	\$ 61,400	35	22.5	3278	10	No	0	Yes	15	47.5	\$ -	\$ 61,400	\$ 5,990,758
1394	1.484	2.33	South Boston	Lynchburg	Charles Crowder	N Main St	\$ 500,000	41	17.1	11291	15	No	0	Yes	15	47.1	\$ -	\$ 500,000	\$ 5,929,358
2124	68.948	69.612	Wytheville	Bristol	Brian Freeman	W Lee Hwy	\$ 108,554	36	21.6	6495	10	No	0	Yes	15	46.6	\$ -	\$ 108,554	\$ 5,429,358
2207	0	1	Norton	Bristol	Fred Ramey	Coeburn Ave Sw	\$ 186,884	36	21.6	2456	10	No	0	Yes	15	46.6	\$ -	\$ 186,884	\$ 5,320,804
1392	0	1	South Boston	Lynchburg	Charles Crowder	N Main St	\$ 500,000	36	21.6	6598	10	No	0	Yes	15	46.6	\$ -	\$ 500,000	\$ 5,133,920
502	3.468	3.844	Lynchburg	Lynchburg	Lee Newland	Memorial Ave	\$ 273,356	53	6.3	13331	15	Yes	10	Yes	15	46.3	\$ -	\$ 273,356	\$ 4,633,920
278	0.468	0.952	Fredericksburg	Fredericksburg	Erik Nelson	William St	\$ 350,000	42	16.2	11518	15	No	0	Yes	15	46.2	\$ 48,420	\$ 301,580	\$ 4,360,564
318	7.364	7.85	Galax	Salem	Brenda Marrah	S Main St	\$ 190,634	37	20.7	3023	10	No	0	Yes	15	45.7	\$ -	\$ 190,634	\$ 4,058,984



277	0	0.468	Fredericksburg	Fredericksburg	Erik Nelson	Greenbrier Dr	\$ 350,000	43	15.3	12857	15	No	0	Yes	15	45.3	\$ -	\$ 350,000	\$ 3,868,350
475	14.84	15.676	Hopewell	Richmond	Austin Anderson	Arlington Rd	\$ 377,450	49	9.9	4981	10	Yes	10	Yes	15	44.9	\$ -	\$ 377,450	\$ 3,518,350
2348	0	0.72	Warrenton	Culpeper	Paul Bernard	Waterloo St	\$ 313,958	38	19.8	6493	10	No	0	Yes	15	44.8	\$ -	\$ 313,958	\$ 3,140,900
169	124.44	125.44	Covington	Staunton	Stephen Steele	S Alleghany Ave	\$ 429,000	55	4.5	9731	15	Yes	10	Yes	15	44.5	\$ -	\$ 429,000	\$ 2,826,942
570	6.672	7.672	Lynchburg	Lynchburg	Lee Newland	Rivermont Ave	\$ 468,570	50	9	15434	20	No	0	Yes	15	44	\$ -	\$ 468,570	\$ 2,397,942
1278	1	1.868	Roanoke	Salem	Mark Jamison	Hollins Rd Ne	\$ 190,000	39	18.9	8542	10	No	0	Yes	15	43.9	\$ -	\$ 190,000	\$ 1,929,372
79	0	1	Bristol	Bristol	Jay Detrick	Euclid Avenue	\$ 221,750	56	3.6	13887	15	Yes	10	Yes	15	43.6	\$ -	\$ 221,750	\$ 1,739,372
2304	117.536	118.152	Christiansburg	Salem	Wayne Nelson	Radford St Nw	\$ 100,175	56	3.6	11673	15	Yes	10	Yes	15	43.6	\$ -	\$ 100,175	\$ 1,517,622
2244	0	1	Blacksburg	Salem	John Boyer	Prices Fork Rd	\$ 289,725	56	3.6	28353	25	No	0	Yes	15	43.6	\$ -	\$ 289,725	\$ 1,417,447
2185	87.072	87.828	Bluefield	Bristol	Billie Roberts	Virginia Ave	\$ 165,813	40	18	3149	10	No	0	Yes	15	43	\$ -	\$ 165,813	\$ 1,127,722
2360	68.724	69.72	Tazewell	Bristol	Todd Day	W Riverside Dr	\$ 153,934	40	18	4172	10	No	0	Yes	15	43	\$ -	\$ 153,934	\$ 961,909
83	2.16	3.16	Bristol	Bristol	Jay Detrick	Lee Hwy	\$ 224,000	57	2.7	11766	15	Yes	10	Yes	15	42.7	\$ -	\$ 224,000	\$ 807,975
84	3.16	3.512	Bristol	Bristol	Jay Detrick	Lee Hwy	\$ 115,030	57	2.7	11635	15	Yes	10	Yes	15	42.7	\$ -	\$ 115,030	\$ 583,975
1680	57.74	57.992	Staunton	Staunton	Steve Yancey	Garber St	\$ 134,862	57	2.7	10036	15	Yes	10	Yes	15	42.7	\$ -	\$ 134,862	\$ 468,945
110	37.777	38.632	Charlottesville	Culpeper	Jonathan Dean	Monticello Ave	\$ 342,447	52	7.2	15634	20	No	0	Yes	15	42.2	\$ -	\$ 334,083	\$ 334,083
1683	0	0.53	Staunton	Staunton	Steve Yancey	Sunnyside St	\$ 146,751	41	17.1	917	10	No	0	Yes	15	42.1	\$ -	\$ -	\$ -
1091	108.704	109.42	Radford	Salem	Basil Edwards	E Main St	\$ 189,924	58	1.8	12658	15	Yes	10	Yes	15	41.8	\$ -	\$ -	\$ -
316	5.888	6.37	Galax	Salem	Brenda Marrah	S Main St	\$ 127,172	42	16.2	6344	10	No	0	Yes	15	41.2	\$ -	\$ -	\$ -
569	6.42	6.672	Lynchburg	Lynchburg	Lee Newland	Rivermont Ave	\$ 189,212	54	5.4	15434	20	No	0	Yes	15	40.4	\$ -	\$ -	\$ -
2248	0.09	0.29	Blacksburg	Salem	John Boyer	S Main	\$ 110,033	54	5.4	16743	20	No	0	Yes	15	40.4	\$ -	\$ -	\$ -
263	0	0.055	Falls Church	Northern Virginia	Caitlin Sobsey	Hillwood Ave	\$ 45,874	49	9.9	11079	15	No	0	Yes	15	39.9	\$ -	\$ -	\$ -
1277	0.09	1	Roanoke	Salem	Mark Jamison	Hollins Rd Ne	\$ 300,000	44	14.4	7188	10	No	0	Yes	15	39.4	\$ -	\$ -	\$ -
2361	69.72	69.736	Tazewell	Bristol	Todd Day	Adria Rd	\$ 4,008	45	13.5	4172	10	No	0	Yes	15	38.5	\$ -	\$ -	\$ -
483	18.38	18.73	Hopewell	Richmond	Austin Anderson	Winston Churchill Dr	\$ 90,550	57	2.7	7876	10	Yes	10	Yes	15	37.7	\$ -	\$ -	\$ -
2352	33.16	34.145	Rocky Mount	Salem	Jessica Heckman	Pell Ave	\$ 551,197	57	2.7	18147	20	No	0	Yes	15	37.7	\$ -	\$ -	\$ -
70	1	1.21	Bristol	Bristol	Jay Detrick	Oakview Ave	\$ 53,320	46	12.6	2169	10	No	0	Yes	15	37.6	\$ -	\$ -	\$ -
2250	1	1.432	Blacksburg	Salem	John Boyer	N Main St	\$ 151,304	46	12.6	7593	10	No	0	Yes	15	37.6	\$ -	\$ -	\$ -
2301	9.705	10.012	Christiansburg	Salem	Wayne Nelson	Peppers Ferry Rd Ne	\$ 197,653	52	7.2	14000	15	No	0	Yes	15	37.2	\$ -	\$ -	\$ -
490	1.2	2.15	Lexington	Staunton	Jeffrey Martone	S Main St	\$ 207,636	58	1.8	8853	10	Yes	10	Yes	15	36.8	\$ -	\$ -	\$ -
2452	0	0.58	Lebanon	Bristol	Stephanie Burke	Cleveland Rd	\$ 268,018	48	10.8	3493	10	No	0	Yes	15	35.8	\$ -	\$ -	\$ -
2212	15.696	16.699	Norton	Bristol	Fred Ramey	Park Ave Sw	\$ 191,996	54	5.4	10903	15	No	0	Yes	15	35.4	\$ -	\$ -	\$ -
2074	50.45	51.228	Williamsburg	Hampton Roads	Aaron Small	Jamestown Rd	\$ 314,480	55	4.5	9148	15	No	0	Yes	15	34.5	\$ -	\$ -	\$ -
72	0	0.4	Bristol	Bristol	Jay Detrick	Sycamore St	\$ 76,500	50	9	692	10	No	0	Yes	15	34	\$ -	\$ -	\$ -
2210	13.704	14.699	Norton	Bristol	Fred Ramey	Park Ave Nw	\$ 395,799	50	9	8352	10	No	0	Yes	15	34	\$ -	\$ -	\$ -
2498	0	0.612	Wise	Bristol	Laura Craft	Norton Rd	\$ 271,506	56	3.6	14436	15	No	0	Yes	15	33.6	\$ -	\$ -	\$ -
2484	142.747	143.536	Orange	Culpeper	John G Cooley	Cooley N Madison Rd	\$ 482,040	56	3.6	14187	15	No	0	Yes	15	33.6	\$ -	\$ -	\$ -
2081	1	1.85	Williamsburg	Hampton Roads	Aaron Small	S Henry St	\$ 238,100	51	8.1	4023	10	No	0	Yes	15	33.1	\$ -	\$ -	\$ -
315	4.89	5.888	Galax	Salem	Brenda Marrah	S Main St	\$ 232,776	51	8.1	6118	10	No	0	Yes	15	33.1	\$ -	\$ -	\$ -
1647	10.872	11.872	Staunton	Staunton	Steve Yancey	New Hope Rd	\$ 181,402	51	8.1	1486	10	No	0	Yes	15	33.1	\$ -	\$ -	\$ -
2208	1	1.588	Norton	Bristol	Fred Ramey	Kentucky Ave Se	\$ 167,903	52	7.2	1076	10	No	0	Yes	15	32.2	\$ -	\$ -	\$ -
2236	0	0.57	Richlands	Bristol	Timothy Taylor	Second St	\$ 183,232	52	7.2	6107	10	No	0	Yes	15	32.2	\$ -	\$ -	\$ -
62	0.425	1.348	Big Stone Gap	Bristol	Randy Beckner	Gilley Ave E	\$ 376,065	58	1.8	9725	15	No	0	Yes	15	31.8	\$ -	\$ -	\$ -
2335	1.548	2.548	Warrenton	Culpeper	Paul Bernard	Falmouth St	\$ 360,938	53	6.3	6920	10	No	0	Yes	15	31.3	\$ -	\$ -	\$ -
2080	0	1	Williamsburg	Hampton Roads	Aaron Small	S Henry St	\$ 220,850	53	6.3	2918	10	No	0	Yes	15	31.3	\$ -	\$ -	\$ -
2349	31.04	32.04	Rocky Mount	Salem	Jessica Heckman	Franklin St	\$ 448,803	59	0.9	9498	15	No	0	Yes	15	30.9	\$ -	\$ -	\$ -
476	15.676	16.208	Hopewell	Richmond	Austin Anderson	S 15th Ave	\$ 278,000	54	5.4	6913	10	No	0	Yes	15	30.4	\$ -	\$ -	\$ -
2358	66.63	67.15	Tazewell	Bristol	Todd Day	Tazewell Ave	\$ 101,094	55	4.5	4883	10	No	0	Yes	15	29.5	\$ -	\$ -	\$ -
2362	0	0.828	Tazewell	Bristol	Todd Day	Fairground Rd	\$ 132,019	55	4.5	2395	10	No	0	Yes	15	29.5	\$ -	\$ -	\$ -
587	43.824	44.252	Marion	Bristol	Cecil Hicks	S Main St	\$ 310,927	56	3.6	8673	10	No	0	Yes	15	28.6	\$ -	\$ -	\$ -
1643	8.996	9.644	Staunton	Staunton	Steve Yancey	W Beverley St	\$ 185,653	56	3.6	5093	10	No	0	Yes	15	28.6	\$ -	\$ -	\$ -
2224	11.85	12.049	Richlands	Bristol	Timothy Taylor	Raven Rd	\$ 38,475	57	2.7	4537	10	No	0	Yes	15	27.7	\$ -	\$ -	\$ -
69	0.36	1	Bristol	Bristol	Jay Detrick	Piedmont Ave	\$ 130,000	58	1.8	3338	10	No	0	Yes	15	26.8	\$ -	\$ -	\$ -
2152	16.932	17.388	Abingdon	Bristol	Michael Surret	E Main St	\$ 185,508	58	1.8	18777	20	No	0	No	0	21.8	\$ -	\$ -	\$ -

\$8,364 Short of Fully funded

## FY20 Primary Extension Funded with State of Good Repair Funds

Partially funded with SGR (Partially Funded with CTB  
Formula Funds)  
  
Fully funded with SGR

Fkey	Begin Mile Point	End Mile Point	Locality	District	Submitted By	Street Name	Funds Requested	CCI		AADT		NHS		Prior EXP	EXP Points	Total Score	SGR Applied		CTB Formula Applied	Total SGR/ CTB Formula Funding
								CCI	Points	AADT	Points	NHS	Points				SGR Applied	SGR Balance		
<b>BRISTOL</b>																	<b>\$ 149,606</b>			
590	45.12	46.12	Marion	Bristol	Cecil Hicks	N Main St	\$ 608,735	42	16.2	15660	20	No	0	Yes	15	51.2	\$ 149,606	\$ -	\$ 459,129	\$ 608,735
78	1.068	1.202	Bristol	Bristol	Jay Detrick	Commonwealth Ave	\$ 118,000	56	3.6	18000	20	Yes	10	Yes	15	48.6	\$ -	\$ -	\$ -	\$ -
68	0	0.36	Bristol	Bristol	Jay Detrick	Cumberland St	\$ 61,400	35	22.5	3278	10	No	0	Yes	15	47.5	\$ -	\$ -	\$ -	\$ -
2124	68.948	69.612	Wytheville	Bristol	Brian Freeman	W Lee Hwy	\$ 108,554	36	21.6	6495	10	No	0	Yes	15	46.6	\$ -	\$ -	\$ -	\$ -
2207	0	1	Norton	Bristol	Fred Ramey	Coeburn Ave Sw	\$ 186,884	36	21.6	2456	10	No	0	Yes	15	46.6	\$ -	\$ -	\$ -	\$ -
79	0	1	Bristol	Bristol	Jay Detrick	Euclid Avenue	\$ 221,750	56	3.6	13887	15	Yes	10	Yes	15	43.6	\$ -	\$ -	\$ -	\$ -
2185	87.072	87.828	Bluefield	Bristol	Billie Roberts	Virginia Ave	\$ 165,813	40	18	3149	10	No	0	Yes	15	43	\$ -	\$ -	\$ -	\$ -
2360	68.724	69.72	Tazewell	Bristol	Todd Day	W Riverside Dr	\$ 153,934	40	18	4172	10	No	0	Yes	15	43	\$ -	\$ -	\$ -	\$ -
83	2.16	3.16	Bristol	Bristol	Jay Detrick	Lee Hwy	\$ 224,000	57	2.7	11766	15	Yes	10	Yes	15	42.7	\$ -	\$ -	\$ -	\$ -
84	3.16	3.512	Bristol	Bristol	Jay Detrick	Lee Hwy	\$ 115,030	57	2.7	11635	15	Yes	10	Yes	15	42.7	\$ -	\$ -	\$ -	\$ -
2361	69.72	69.736	Tazewell	Bristol	Todd Day	Adria Rd	\$ 4,008	45	13.5	4172	10	No	0	Yes	15	38.5	\$ -	\$ -	\$ -	\$ -
70	1	1.21	Bristol	Bristol	Jay Detrick	Oakview Ave	\$ 53,320	46	12.6	2169	10	No	0	Yes	15	37.6	\$ -	\$ -	\$ -	\$ -
2452	0	0.58	Lebanon	Bristol	Stephanie Burke	Cleveland Rd	\$ 268,018	48	10.8	3493	10	No	0	Yes	15	35.8	\$ -	\$ -	\$ -	\$ -
2212	15.696	16.699	Norton	Bristol	Fred Ramey	Park Ave Sw	\$ 191,996	54	5.4	10903	15	No	0	Yes	15	35.4	\$ -	\$ -	\$ -	\$ -
72	0	0.4	Bristol	Bristol	Jay Detrick	Sycamore St	\$ 76,500	50	9	692	10	No	0	Yes	15	34	\$ -	\$ -	\$ -	\$ -
2210	13.704	14.699	Norton	Bristol	Fred Ramey	Park Ave Nw	\$ 395,799	50	9	8352	10	No	0	Yes	15	34	\$ -	\$ -	\$ -	\$ -
2498	0	0.612	Wise	Bristol	Laura Craft	Norton Rd	\$ 271,506	56	3.6	14436	15	No	0	Yes	15	33.6	\$ -	\$ -	\$ -	\$ -
2208	1	1.588	Norton	Bristol	Fred Ramey	Kentucky Ave Se	\$ 167,903	52	7.2	1076	10	No	0	Yes	15	32.2	\$ -	\$ -	\$ -	\$ -
2236	0	0.57	Richlands	Bristol	Timothy Taylor	Second St	\$ 183,232	52	7.2	6107	10	No	0	Yes	15	32.2	\$ -	\$ -	\$ -	\$ -
62	0.425	1.348	Big Stone Gap	Bristol	Randy Beckner	Gilley Ave E	\$ 376,065	58	1.8	9725	15	No	0	Yes	15	31.8	\$ -	\$ -	\$ -	\$ -
2358	66.63	67.15	Tazewell	Bristol	Todd Day	Tazewell Ave	\$ 101,094	55	4.5	4883	10	No	0	Yes	15	29.5	\$ -	\$ -	\$ -	\$ -
2362	0	0.828	Tazewell	Bristol	Todd Day	Fairground Rd	\$ 132,019	55	4.5	2395	10	No	0	Yes	15	29.5	\$ -	\$ -	\$ -	\$ -
587	43.824	44.252	Marion	Bristol	Cecil Hicks	S Main St	\$ 310,927	56	3.6	8673	10	No	0	Yes	15	28.6	\$ -	\$ -	\$ -	\$ -
2224	11.85	12.049	Richlands	Bristol	Timothy Taylor	Raven Rd	\$ 38,475	57	2.7	4537	10	No	0	Yes	15	27.7	\$ -	\$ -	\$ -	\$ -
69	0.36	1	Bristol	Bristol	Jay Detrick	Piedmont Ave	\$ 130,000	58	1.8	3338	10	No	0	Yes	15	26.8	\$ -	\$ -	\$ -	\$ -
2152	16.932	17.388	Abingdon	Bristol	Michael Surret	E Main St	\$ 185,508	58	1.8	18777	20	No	0	No	0	21.8	\$ -	\$ -	\$ -	\$ -
<b>CULPEPER</b>																	<b>\$ 100,811</b>			
117	1.408	2.288	Charlottesville	Culpeper	Jonathan Dean	Emmet St S	\$ 290,995	56	3.6	26205	25	Yes	10	Yes	15	53.6	\$ 100,811	\$ -	\$ 190,184	\$ 290,995
2348	0	0.72	Warrenton	Culpeper	Paul Bernard	Waterloo St	\$ 313,958	38	19.8	6493	10	No	0	Yes	15	44.8	\$ -	\$ -	\$ -	\$ -
110	37.777	38.632	Charlottesville	Culpeper	Jonathan Dean	Monticello Ave	\$ 342,447	52	7.2	15634	20	No	0	Yes	15	42.2	\$ -	\$ -	\$ -	\$ -
2484	142.747	143.536	Orange	Culpeper	John G Cooley Cooley	N Madison Rd	\$ 482,040	56	3.6	14187	15	No	0	Yes	15	33.6	\$ -	\$ -	\$ -	\$ -
2335	1.548	2.548	Warrenton	Culpeper	Paul Bernard	Falmouth St	\$ 360,938	53	6.3	6920	10	No	0	Yes	15	31.3	\$ -	\$ -	\$ -	\$ -
<b>FREDERICKSBURG</b>																	<b>\$ 168,420</b>			
275	34.556	34.784	Fredericksburg	Fredericksburg	Erik Nelson	Blue & Gray Pkwy	\$ 120,000	34	23.4	39908	30	Yes	10	Yes	15	78.4	\$ 120,000	\$ 48,420	\$ -	\$ 120,000
278	0.468	0.952	Fredericksburg	Fredericksburg	Erik Nelson	William St	\$ 350,000	42	16.2	11518	15	No	0	Yes	15	46.2	\$ 48,420	\$ -	\$ 301,580	\$ 350,000
277	0	0.468	Fredericksburg	Fredericksburg	Erik Nelson	Greenbrier Dr	\$ 350,000	43	15.3	12857	15	No	0	Yes	15	45.3	\$ -	\$ -	\$ -	\$ -
<b>HAMPTON ROADS</b>																	<b>\$ 3,048,447</b>			
2006	502.768	503.768	Virginia Beach	Hampton Roads	Katie Shannon	Virginia Beach Bl	\$ 560,000	20	36	43000	30	Yes	10	Yes	15	91	\$ 560,000	\$ 2,488,447	\$ -	\$ 560,000
1791	39.227	40.224	Suffolk	Hampton Roads	Ed Heide	Bridge Rd	\$ 228,340	15	40.5	21000	20	Yes	10	Yes	15	85.5	\$ 228,340	\$ 2,260,107	\$ -	\$ 228,340
1842	451.58	452.58	Suffolk	Hampton Roads	Ed Heide	Franklin Bypass	\$ 362,811	15	40.5	20000	20	Yes	10	Yes	15	85.5	\$ 362,811	\$ 1,897,296	\$ -	\$ 362,811
690	0	0.696	Newport News	Hampton Roads	Bridgette Parker	J Clyde Morris Blvd	\$ 433,379	16	39.6	38360	30	No	0	Yes	15	84.6	\$ 433,379	\$ 1,463,917	\$ -	\$ 433,379
2020	290.988	291.872	Virginia Beach	Hampton Roads	Katie Shannon	Shore Dr	\$ 231,000	28	28.8	36472	30	Yes	10	Yes	15	83.8	\$ 231,000	\$ 1,232,917	\$ -	\$ 231,000
1843	452.58	453.58	Suffolk	Hampton Roads	Ed Heide	Franklin Bypass	\$ 362,811	17	38.7	22000	20	Yes	10	Yes	15	83.7	\$ 362,811	\$ 870,106	\$ -	\$ 362,811
1792	40.224	40.489	Suffolk	Hampton Roads	Ed Heide	Bridge Rd	\$ 46,038	20	36	16000	20	Yes	10	Yes	15	81	\$ 46,038	\$ 824,068	\$ -	\$ 46,038
1433	3.112	4.112	Chesapeake	Hampton Roads	James W. Long	Cedar Rd	\$ 272,280	17	38.7	30000	25	No	0	Yes	15	78.7	\$ 272,280	\$ 551,788	\$ -	\$ 272,280

2028	298.74	299.74	Virginia Beach	Hampton Roads Katie Shannon	Atlantic Ave	\$ 209,000	17	38.7	13726	15	Yes	10	Yes	15	78.7	\$ 209,000	\$ 342,788	\$ 209,000	
1417	3.996	4.996	Chesapeake	Hampton Roads James W. Long	Cedar Rd	\$ 365,000	18	37.8	30426	25	No	0	Yes	15	77.8	\$ 342,788	\$ -	\$ 22,212	\$ 365,000
1434	4.112	5.112	Chesapeake	Hampton Roads James W. Long	Cedar Rd	\$ 360,000	20	36	30000	25	No	0	Yes	15	76	\$ -	\$ -	\$ -	\$ -
329	4.3	4.556	Hampton	Hampton Roads Angela Rico	Magruder Blvd	\$ 91,000	29	27.9	20861	20	Yes	10	Yes	15	72.9	\$ -	\$ -	\$ -	\$ -
333	10.86	11.082	Hampton	Hampton Roads Angela Rico	Armistead Ave N	\$ 76,000	29	27.9	20003	20	Yes	10	Yes	15	72.9	\$ -	\$ -	\$ -	\$ -
884	0	0.71	Norfolk	Hampton Roads Christine Armstrong	E Indian River Rd	\$ 230,000	18	37.8	18000	20	No	0	Yes	15	72.8	\$ -	\$ -	\$ -	\$ -
426	62.464	62.75	Hampton	Hampton Roads Angela Rico	Mercury Blvd W	\$ 133,000	42	16.2	71000	30	Yes	10	Yes	15	71.2	\$ -	\$ -	\$ -	\$ -
894	47.58	48.58	Norfolk	Hampton Roads Christine Armstrong	N Military Hwy	\$ 500,000	44	14.4	60000	30	Yes	10	Yes	15	69.4	\$ -	\$ -	\$ -	\$ -
340	11.868	12.15	Hampton	Hampton Roads Angela Rico	Armistead Ave N	\$ 103,000	33	24.3	12000	15	Yes	10	Yes	15	64.3	\$ -	\$ -	\$ -	\$ -
887	48.34	48.888	Norfolk	Hampton Roads Christine Armstrong	N Military Hwy	\$ 270,000	52	7.2	59974	30	Yes	10	Yes	15	62.2	\$ -	\$ -	\$ -	\$ -
366	5.148	6.148	Hampton	Hampton Roads Angela Rico	Fox Hill Rd	\$ 399,000	39	18.9	26159	25	No	0	Yes	15	58.9	\$ -	\$ -	\$ -	\$ -
2089	34.704	35.28	Williamsburg	Hampton Roads Aaron Small	Merrimac Trl	\$ 226,440	42	16.2	9404	15	Yes	10	Yes	15	56.2	\$ -	\$ -	\$ -	\$ -
691	0.696	1.11	Newport News	Hampton Roads Bridgette Parker	J Clyde Morris Blvd	\$ 433,379	49	9.9	38360	30	No	0	Yes	15	54.9	\$ -	\$ -	\$ -	\$ -
405	270.136	270.576	Hampton	Hampton Roads Angela Rico	Kecoughtan Rd	\$ 198,000	30	27	4891	10	No	0	Yes	15	52	\$ -	\$ -	\$ -	\$ -
2074	50.45	51.228	Williamsburg	Hampton Roads Aaron Small	Jamestown Rd	\$ 314,480	55	4.5	9148	15	No	0	Yes	15	34.5	\$ -	\$ -	\$ -	\$ -
2081	1	1.85	Williamsburg	Hampton Roads Aaron Small	S Henry St	\$ 238,100	51	8.1	4023	10	No	0	Yes	15	33.1	\$ -	\$ -	\$ -	\$ -
2080	0	1	Williamsburg	Hampton Roads Aaron Small	S Henry St	\$ 220,850	53	6.3	2918	10	No	0	Yes	15	31.3	\$ -	\$ -	\$ -	\$ -
																	\$ -	\$ -	\$ -
<b>LYNCHBURG</b>																	\$ 331,807	\$ -	\$ -
248	11.548	11.58	Danville	Lynchburg Karen Black	S Boston Rd	\$ 35,000	20	36	16000	20	Yes	10	Yes	15	81	\$ 35,000	\$ 296,807	\$ 35,000	
2192	0	0.193	Farmville	Lynchburg Lisa Hricko	S Farmville Rd	\$ 100,800	40	18	18534	20	Yes	10	Yes	15	63	\$ 100,800	\$ 196,007	\$ 100,800	
194	2.548	2.99	Danville	Lynchburg Karen Black	Main St	\$ 254,000	26	30.6	9863	15	No	0	Yes	15	60.6	\$ 196,007	\$ -	\$ 57,993	\$ 254,000
219	4.628	4.79	Danville	Lynchburg Karen Black	Memorial Dr	\$ 109,000	38	19.8	9900	15	Yes	10	Yes	15	59.8	\$ -	\$ -	\$ -	\$ -
237	11.296	11.58	Danville	Lynchburg Karen Black	S Boston Rd	\$ 155,000	44	14.4	15732	20	Yes	10	Yes	15	59.4	\$ -	\$ -	\$ -	\$ -
221	6.298	6.54	Danville	Lynchburg Karen Black	Central Blvd	\$ 112,000	59	0.9	32000	30	Yes	10	Yes	15	55.9	\$ -	\$ -	\$ -	\$ -
247	10.548	11.548	Danville	Lynchburg Karen Black	S Boston Rd	\$ 333,000	50	9	16000	20	Yes	10	Yes	15	54	\$ -	\$ -	\$ -	\$ -
1394	1.484	2.33	South Boston	Lynchburg Charles Crowder	N Main St	\$ 500,000	41	17.1	11291	15	No	0	Yes	15	47.1	\$ -	\$ -	\$ -	\$ -
1392	0	1	South Boston	Lynchburg Charles Crowder	N Main St	\$ 500,000	36	21.6	6598	10	No	0	Yes	15	46.6	\$ -	\$ -	\$ -	\$ -
502	3.468	3.844	Lynchburg	Lynchburg Lee Newland	Memorial Ave	\$ 273,356	53	6.3	13331	15	Yes	10	Yes	15	46.3	\$ -	\$ -	\$ -	\$ -
570	6.672	7.672	Lynchburg	Lynchburg Lee Newland	Rivermont Ave	\$ 468,570	50	9	15434	20	No	0	Yes	15	44	\$ -	\$ -	\$ -	\$ -
569	6.42	6.672	Lynchburg	Lynchburg Lee Newland	Rivermont Ave	\$ 189,212	54	5.4	15434	20	No	0	Yes	15	40.4	\$ -	\$ -	\$ -	\$ -
																	\$ -	\$ -	\$ -
<b>NORTHERN VIRGINIA</b>																	\$ 892,745	\$ -	\$ -
262	64.728	64.79	Falls Church	Northern Virgini Caitlin Sobsey	E Broad St	\$ 52,315	15	40.5	19505	20	Yes	10	Yes	15	85.5	\$ 52,315	\$ 840,430	\$ 52,315	
3	68.9	69.1	Alexandria	Northern Virgini Tarrence Moorer	King St	\$ 420,000	34	23.4	44634	30	Yes	10	Yes	15	78.4	\$ 420,000	\$ 420,430	\$ 420,000	
47	0.4	1.4	Alexandria	Northern Virgini Mary Martin	Seminary Rd	\$ 210,000	15	40.5	15980	20	No	0	Yes	15	75.5	\$ 210,000	\$ 210,430	\$ 210,000	
48	1.4	1.676	Alexandria	Northern Virgini Mary Martin	Seminary Rd	\$ 80,000	15	40.5	15980	20	No	0	Yes	15	75.5	\$ 80,000	\$ 130,430	\$ 80,000	
24	13.687	14.684	Alexandria	Northern Virgini Mary Martin	Duke St	\$ 290,000	29	27.9	21000	20	Yes	10	Yes	15	72.9	\$ 130,430	\$ -	\$ 159,570	\$ 290,000
2261	14.472	15.008	Fairfax	Northern Virgini Wendy Sanford	Chain Bridge Rd	\$ 947,810	48	10.8	27676	25	Yes	10	Yes	15	60.8	\$ -	\$ -	\$ -	\$ -
264	0.055	1	Falls Church	Northern Virgini Caitlin Sobsey	Hillwood Ave	\$ 788,190	37	20.7	11079	15	No	0	Yes	15	50.7	\$ -	\$ -	\$ -	\$ -
266	0	0.055	Falls Church	Northern Virgini Caitlin Sobsey	Hillwood Ave	\$ 43,874	37	20.7	11000	15	No	0	Yes	15	50.7	\$ -	\$ -	\$ -	\$ -
265	1	1.02	Falls Church	Northern Virgini Caitlin Sobsey	Hillwood Ave	\$ 16,682	38	19.8	10218	15	No	0	Yes	15	49.8	\$ -	\$ -	\$ -	\$ -
2442	0.23	0.724	Herrndon	Northern Virgini John Irish	Herrndon Pkwy	\$ 250,000	44	14.4	22647	20	No	0	Yes	15	49.4	\$ -	\$ -	\$ -	\$ -
263	0	0.055	Falls Church	Northern Virgini Caitlin Sobsey	Hillwood Ave	\$ 45,874	49	9.9	11079	15	No	0	Yes	15	39.9	\$ -	\$ -	\$ -	\$ -
																	\$ -	\$ -	\$ -
<b>RICHMOND</b>																	\$ 608,215	\$ -	\$ -
1148	4.256	4.56	Richmond	Richmond Kenny Horak	Chippenham Pkwy N	\$ 92,386	19	36.9	55000	30	Yes	10	Yes	15	91.9	\$ 92,386	\$ 515,829	\$ 92,386	
1147	3.248	4.256	Richmond	Richmond Kenny Horak	Chippenham Pkwy N	\$ 236,522	37	20.7	45000	30	Yes	10	Yes	15	75.7	\$ 236,522	\$ 279,307	\$ 236,522	
153	72.608	73.608	Colonial Heights	Richmond Todd Flippen	Us Hwy 1	\$ 1,000,000	34	23.4	26326	25	Yes	10	Yes	15	73.4	\$ 279,307	\$ -	\$ 720,693	\$ 1,000,000
1215	187.212	187.8	Richmond	Richmond Kenny Horak	Midlothian Tpke	\$ 172,943	29	27.9	21692	20	Yes	10	Yes	15	72.9	\$ -	\$ -	\$ -	\$ -
1173	5.12	6.12	Richmond	Richmond Kenny Horak	Belt Blvd S	\$ 258,864	30	27.9	16000	20	Yes	10	Yes	15	72	\$ -	\$ -	\$ -	\$ -
1157	5.068	6.068	Richmond	Richmond Kenny Horak	Belt Blvd	\$ 232,050	34	23.4	17670	20	Yes	10	Yes	15	68.4	\$ -	\$ -	\$ -	\$ -
475	14.84	15.676	Hopewell	Richmond Austin Anderson	Arlington Rd	\$ 377,450	49	9.9	4981	10	Yes	10	Yes	15	44.9	\$ -	\$ -	\$ -	\$ -
483	18.38	18.73	Hopewell	Richmond Austin Anderson	Winston Churchill Dr	\$ 90,550	57	2.7	7876	10	Yes	10	Yes	15	37.7	\$ -	\$ -	\$ -	\$ -
476	15.676	16.208	Hopewell	Richmond Austin Anderson	S 15th Ave	\$ 278,000	54	5.4	6913	10	No	0	Yes	15	30.4	\$ -	\$ -	\$ -	\$ -



# **DRAFT FY 2020 – 2025 SIX-YEAR IMPROVEMENT PROGRAM**

 John Lawson, Chief Financial Officer, VDOT

April 9, 2019

# Overview

**The Six-Year Improvement Program (SYIP) is developed annually and identifies the planned use of funds available for highway construction and rail and public transportation**

**For highway construction, the SYIP identifies for each project, the timing, amount, and type of funding planned to be available over the upcoming six years**

**The rail and transit section of the SYIP identifies the planned use of available funding for transit and rail capital for six years, as well as the planned support for transit operations and other programs administered by DRPT for the next year**

# Draft FY 2020-2025 SYIP

	Draft FY 2020-2025
Highways	\$16.4 billion
Rail & Public Transp.	<u>4.6 billion</u>
Total SYIP*	\$21.0 billion

\*(excludes debt service)

# Historical Comparison of SYIPs

(in billions)

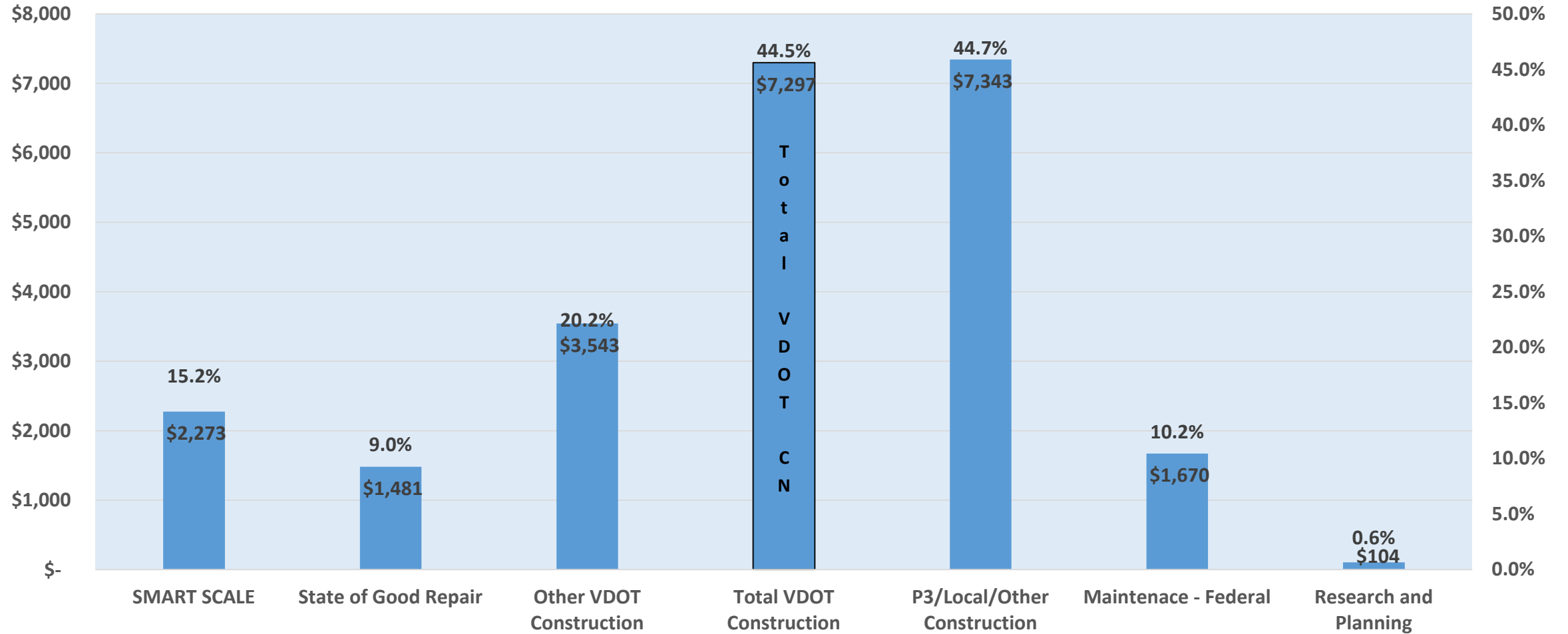
	FY 2017-2022	FY 2018-2023	FY 2019-2024	Draft FY 2020-2025	Change
Highways	\$10.7	\$15.2	\$16.8	\$16.4	(\$0.4)
Rail & Public Transp.	\$3.7	\$3.4	\$4.4	\$4.6	\$0.2
Total SYIP*	\$14.4	\$18.6	\$21.2	\$21.0	(\$0.2)

\*(excludes debt service)

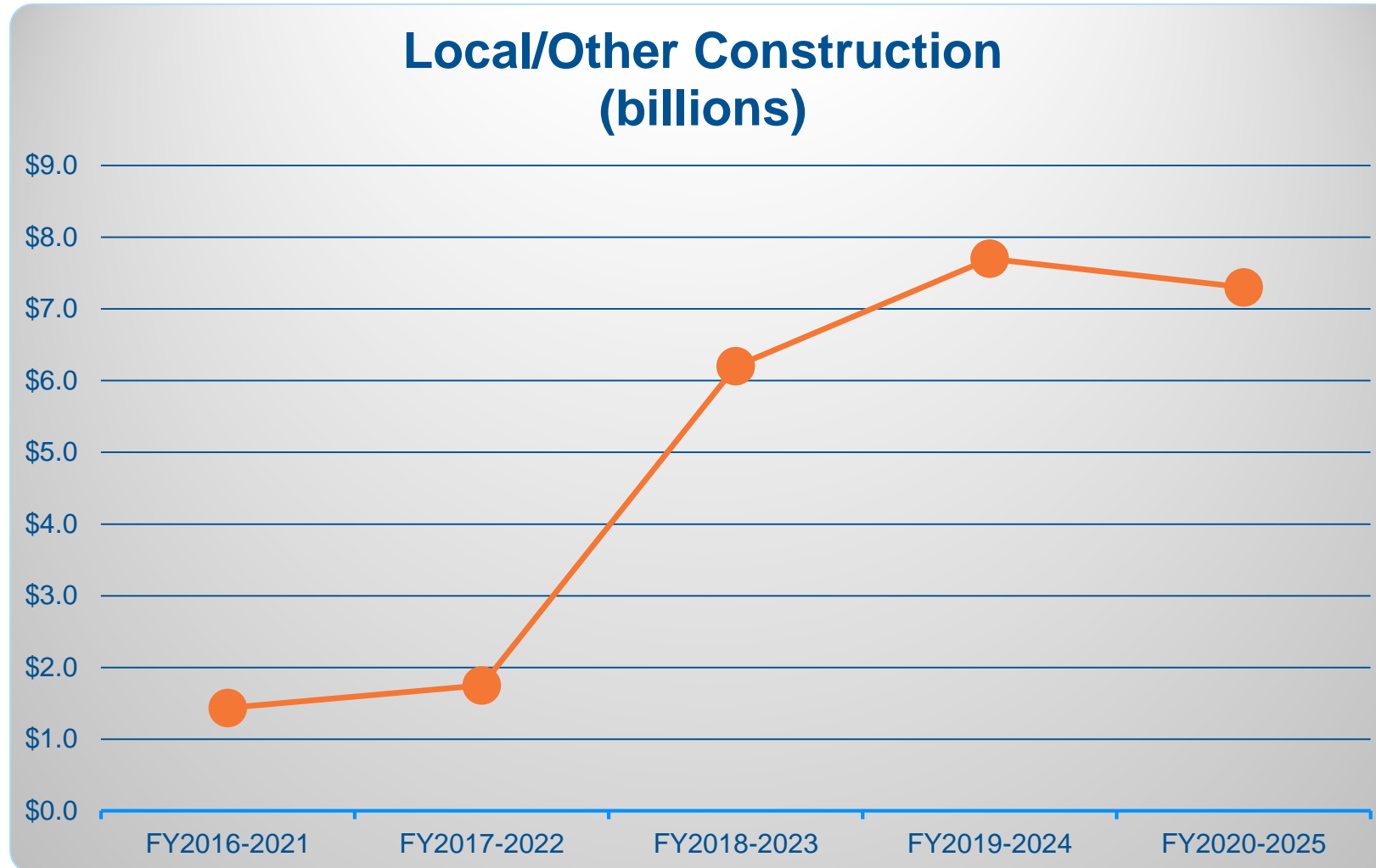


# FY 2020 – 2025 Draft SYIP: Highways

(In Millions)



# FY 2020 – 2025 Highways



# FY 2020 – 2025 Highway Construction Program

## Supports more than 3,800 projects

- 424 new projects added to the SYIP
- 472 projects removed from the SYIP (completed or cancelled)
- 438 projects received an allocation increase
- 348 projects with reduced allocations

**\*Statistics include changes since the Final FY 2019 SYIP was adopted that have been approved by the CTB**

# Highlights

## Updating the following programs:

- **State of Good Repair Program (SGR) – programmed annually**
- **Regional Surface Transportation Program (RSTP) – programmed annually**
- **Congestion Mitigation Air Quality (CMAQ) – programmed annually**
- **Highway Safety Improvement Program (HSIP) – programmed annually**
- **SMART SCALE – even years only**
- **Unpaved Roads – programmed annually**
- **Innovation and Technology Transportation Fund (ITTF)**

# Highlights (continued)

## Maintained key program amounts as outlined in January 2019

- Allocate \$121.7 million to Innovation and Technology Transportation Fund from High Priority Projects Program
- Allocate \$100 million to the Unpaved Roads Program from District Grant Program in FY2021-FY2024
- Maintain Revenue Sharing Program at \$100 million (state share) annually

## \$1.5 billion to State of Good Repair in FY2020 - FY2025

## \$1.1 billion to Construction District Grant Program in FY2020-2025

- \$404 million for allocation in Round 3

## \$1.1 billion to High Priority Projects Program in FY2020-2025

- \$404 million for allocation in Round 3

# Highway Construction Formula Distribution

**Final year of the Optional CTB Formula remains the same as previous SYIP and sunsets in FY 2020**

**Federal fund sources not subject to formula distribution (e.g., Dedicated Bridge funds) through FY 2020 remain the same as previous SYIP**

# Next Steps

## Conduct public hearings

**One hour prior to the beginning of each public hearing, there will be a VTrans open house with information and opportunities for public feedback on the statewide multimodal transportation plan**

**Information on the I-95 Corridor Improvement Plan will also be available at the Fredericksburg and Northern Virginia meetings**

# Next Steps – Public Hearings

**Public hearing schedule (meetings begin at 4:00 PM except as noted)**

**Bristol – Tuesday, April 23, 2019**

**Culpeper – Monday, May 6, 2019**

**Fredericksburg – Thursday, May 9, 2019 (meeting begins at 6 PM)**

**Hampton Roads – Monday, April 15, 2019**

**Lynchburg – Thursday, April 11, 2019**

**Northern Virginia – Monday, May 13, 2019 (meeting begins at 6 PM)**

**Richmond – Thursday, April 25, 2019**

**Salem – Tuesday, May 7, 2019**

**Staunton – Monday, April 22, 2019**



## **Next Steps (continued)**

**Summarize and provide all public comments received to date**

**Finalize Budget and the Six-Year Financial Plan based on actions included in the approved 2019 Appropriation Act and I-81 legislation**

**Draft Commonwealth Transportation Fund and VDOT budgets will be presented in May outlining funding changes**

**Make funding adjustments as may be needed based on finalized budget**

**Prepare and present Final FY 2020-2025 SYIP for action in June**





# Long Bridge Project: Key to Virginia Rail Growth

# Rail In Virginia



## Key to Virginia's Economy

*RAIL SERVICES DRIVE 6% OF VIRGINIA'S TOTAL ECONOMY.  
MORE THAN 6,000 JOBS CREATED DIRECTLY BY RAIL NETWORK*



\$73 billion of output. 8.8% of Virginia's total output



\$19.8 billion earned by employees. 6.4% of the state's total income



Over \$30 billion of added value. 6.0% of the state's Gross State Product (GSP)



341,519 jobs, 6.7% of the 5.1 million jobs statewide



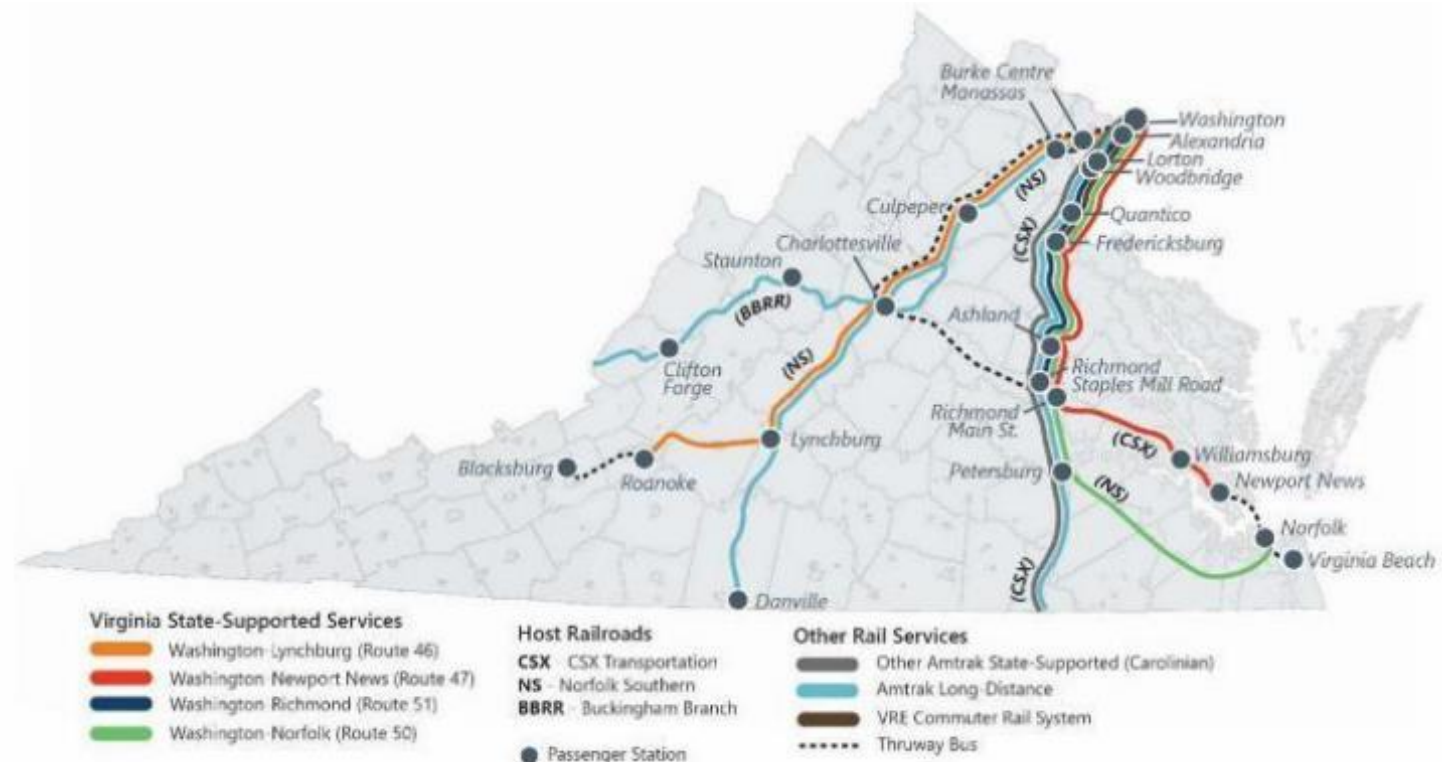
\$1.9 billion of tax revenue

# Rail In Virginia



## Key To Virginia's Mobility and Future

- Passenger rail avoids **271 million miles** of personal driving in VA annually
- Shipping by rail avoids **1.7 billion miles** of truck travel in VA annually
  - 37% of cargo arrives and departs the Port of Virginia by rail
  - The Port's growth plan relies on rail handling 50% of new containers
- Improving passenger rail is key to attracting businesses similar to Amazon
- **\$123M** annual pavement management savings (*6% of VDOT's maintenance budget*)

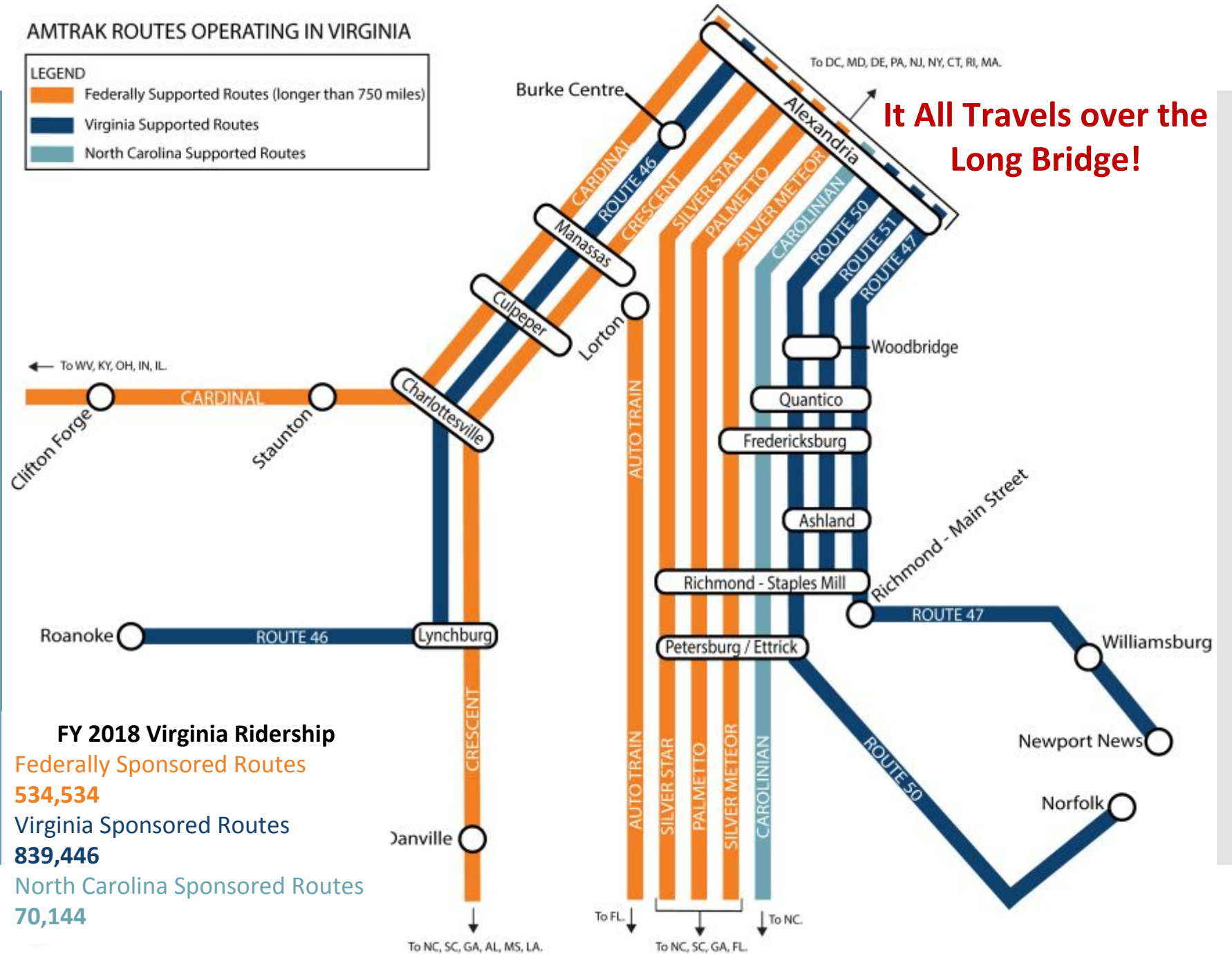


# State Sponsored & Long Distance Passenger Rail Service

## AMTRAK ROUTES OPERATING IN VIRGINIA

**LEGEND**

- █ Federally Supported Routes (longer than 750 miles)
- █ Virginia Supported Routes
- █ North Carolina Supported Routes



**It All Travels over the Long Bridge!**

### FY 2018 Virginia Ridership

Federally Sponsored Routes

**534,534**

Virginia Sponsored Routes

**839,446**

North Carolina Sponsored Routes

**70,144**



# Long Bridge History

- Original Structure Built in 1808
- Two-track steel through-girder/through-truss railroad bridge constructed in 1904
- Reinforced in 1942 during WWII for heavy loads
- Swing span last opened in 1965
- CSXT acquired the bridge from Conrail in 1999
- Only railroad bridge connecting Virginia to DC – next closest crossing is at Harpers Ferry, WV





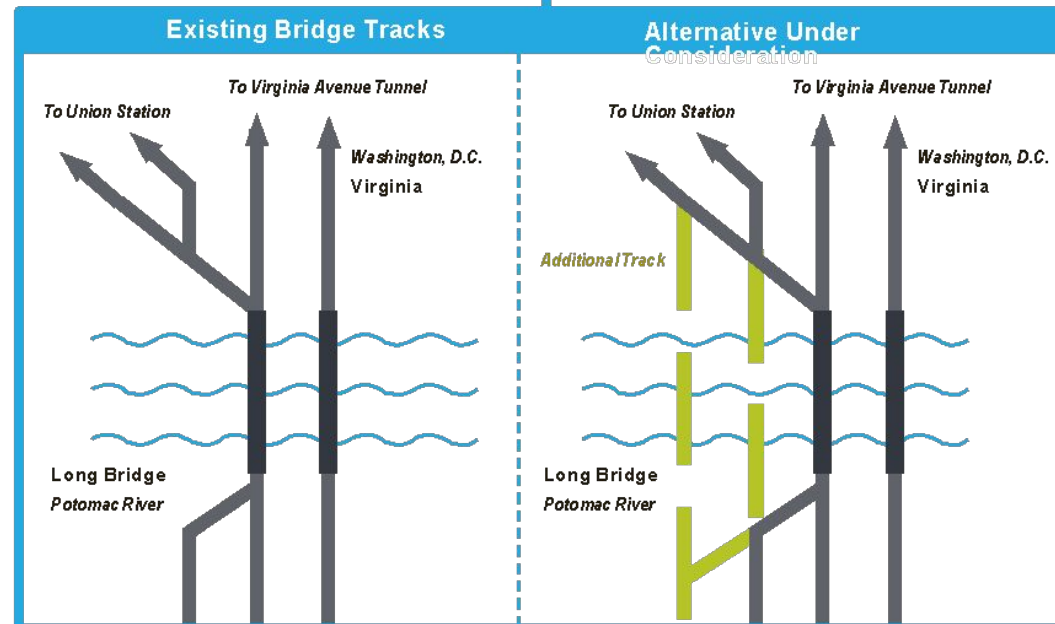
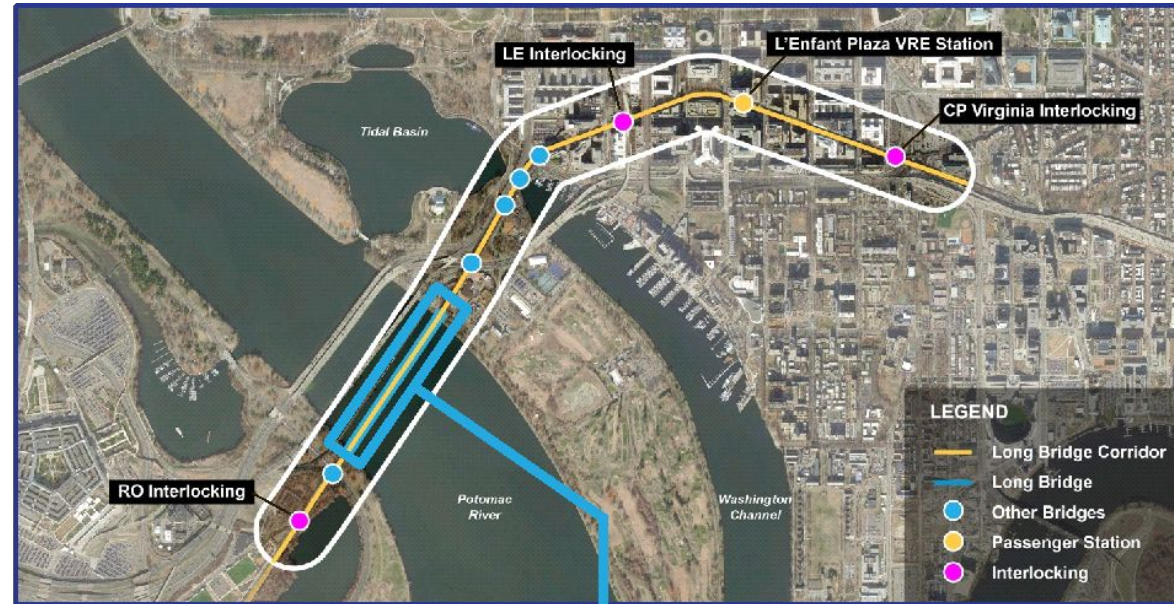
# Current Operational Issues and Need

- Existing Long Bridge bottleneck due to:
  - 3 tracks on each side, 2 track bridge
  - Speed restrictions in effect on bridge
- Traffic is split 70/30 between passenger/freight
  - Currently 34 VRE trains and 24 Amtrak trains
- Bridge is at capacity during AM/PM peak
- No rail network redundancy
- Need new two-track bridge for passenger corridor



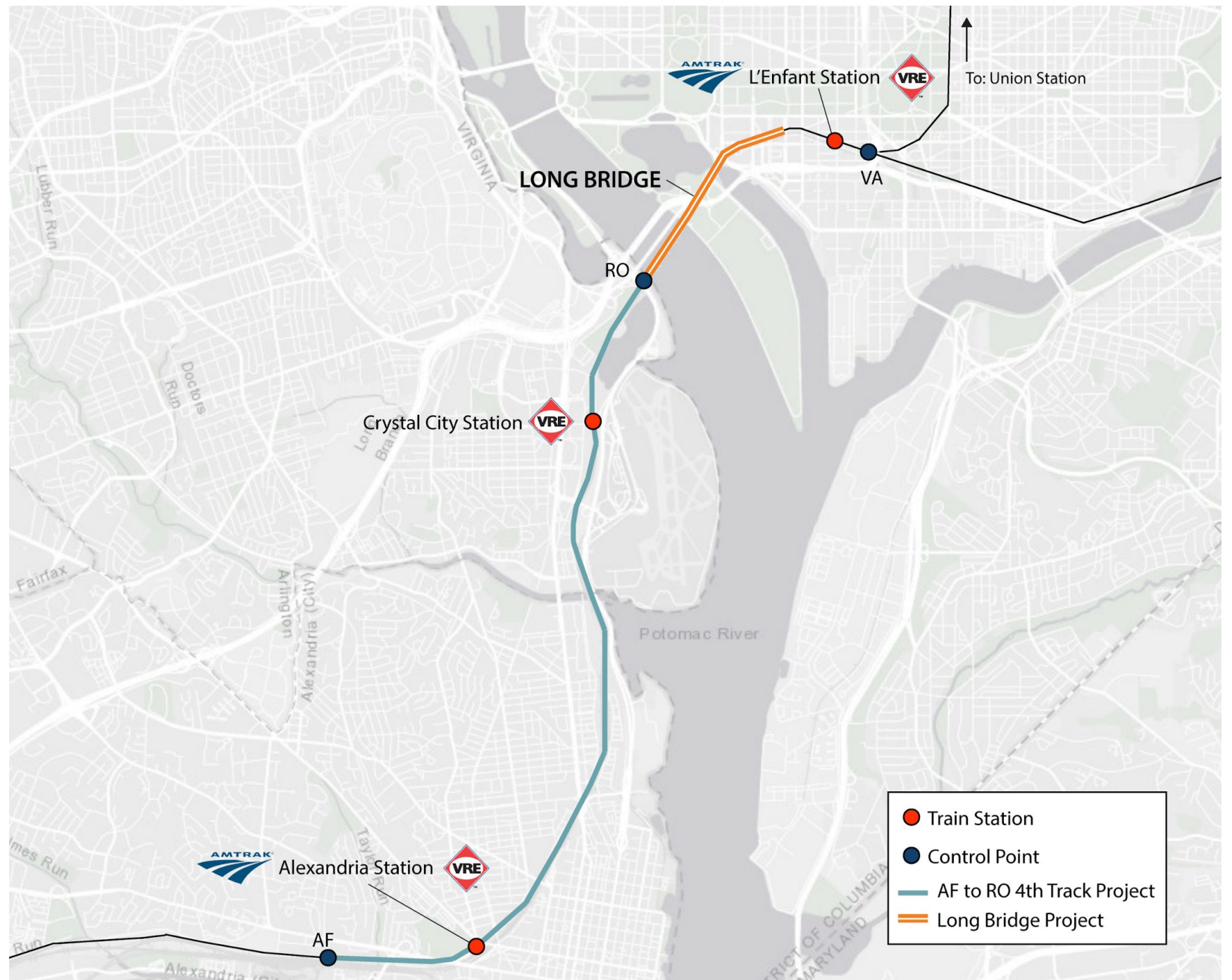


# Long Bridge: Doubles Capacity over the Potomac

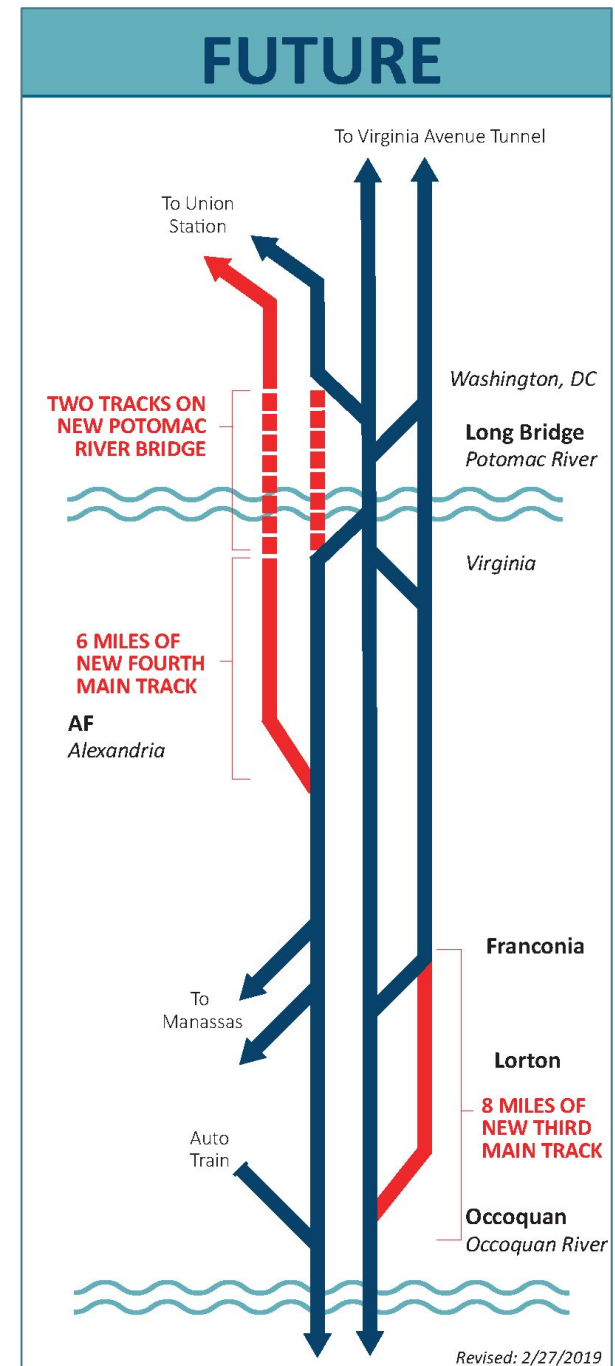
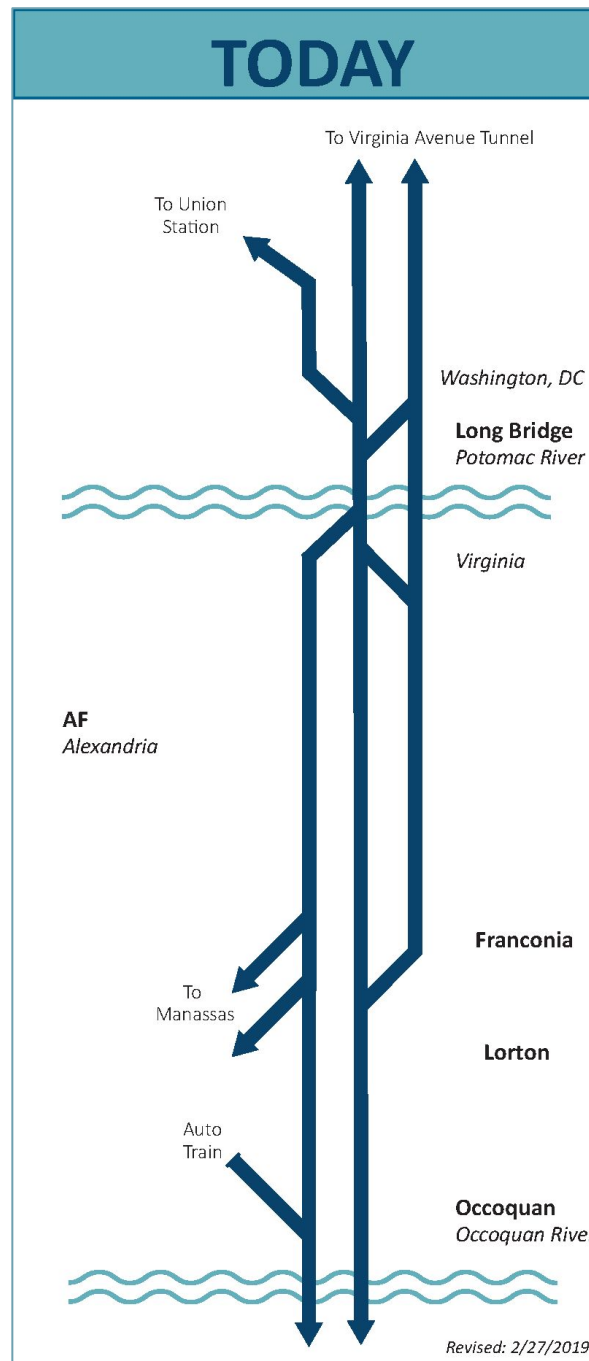


*The existing bridge is at 98 percent capacity during the morning and evening peak period, supporting 80 freight, intercity, and commuter rail trains per day.*

Long Bridge  
Corridor:  
Program of  
Projects  
Includes Long  
Bridge,  
3 VRE Stations,  
and 4<sup>th</sup> Track  
Projects



# Long Bridge: Part of Virginia's Atlantic Gateway Solution





# Road Benefits of Long Bridge

Constructing the new Long Bridge will create enough capacity for the following additional annual benefits:

- Over 18,000 new freight and passenger train crossings
- 1 million trucks taken off the roads
- 5 million cars taken off the roads
- Safety improved by reducing crashes



# Current Status: Long Bridge



- NEPA Study – Currently led by DC DOT
  - Preferred alternative selected- new 2-track bridge upstream less expensive and has fewer impacts
  - Order of magnitude cost- \$1.3-\$1.6 billion in 2018 dollars
  - Currently finalizing conceptual design/refining cost estimates
  - Draft EIS document expected mid 2019
  - Final EIS and FRA's release of ROD for final environmental clearance expected mid to late 2020
- Engineering
  - Currently at 10% design, with 30% design estimated for completion in 2021
- Funding plan would include various options of state, local, and Federal funding

Questions?

Michael McLaughlin

Chief of Rail Transportation

Department of Rail and Public Transportation





Virginia Department of Rail and Public Transportation

**Draft Six-Year Improvement  
Program  
FY 2020 - 2025**

**Jennifer DeBruhl**  
Chief of  
Public Transportation

**Michael McLaughlin**  
Chief of Rail

**Steve Pittard**  
Chief Financial  
Officer

# Six Year Improvement Program Process



Planning Studies – Transit Development Plans, Feasibility Studies, Corridor Plans, Regional Plans, Statewide Rail, Transit and TDM Plans

Grant Program Application Guidance

Grantee Application

DRPT Program Evaluation and Management Tools

Draft Six Year Improvement Program

Draft Six Year Improvement Program Public Hearings

Final DRPT Approval

CTB Approval/Allocation

Final Six Year program



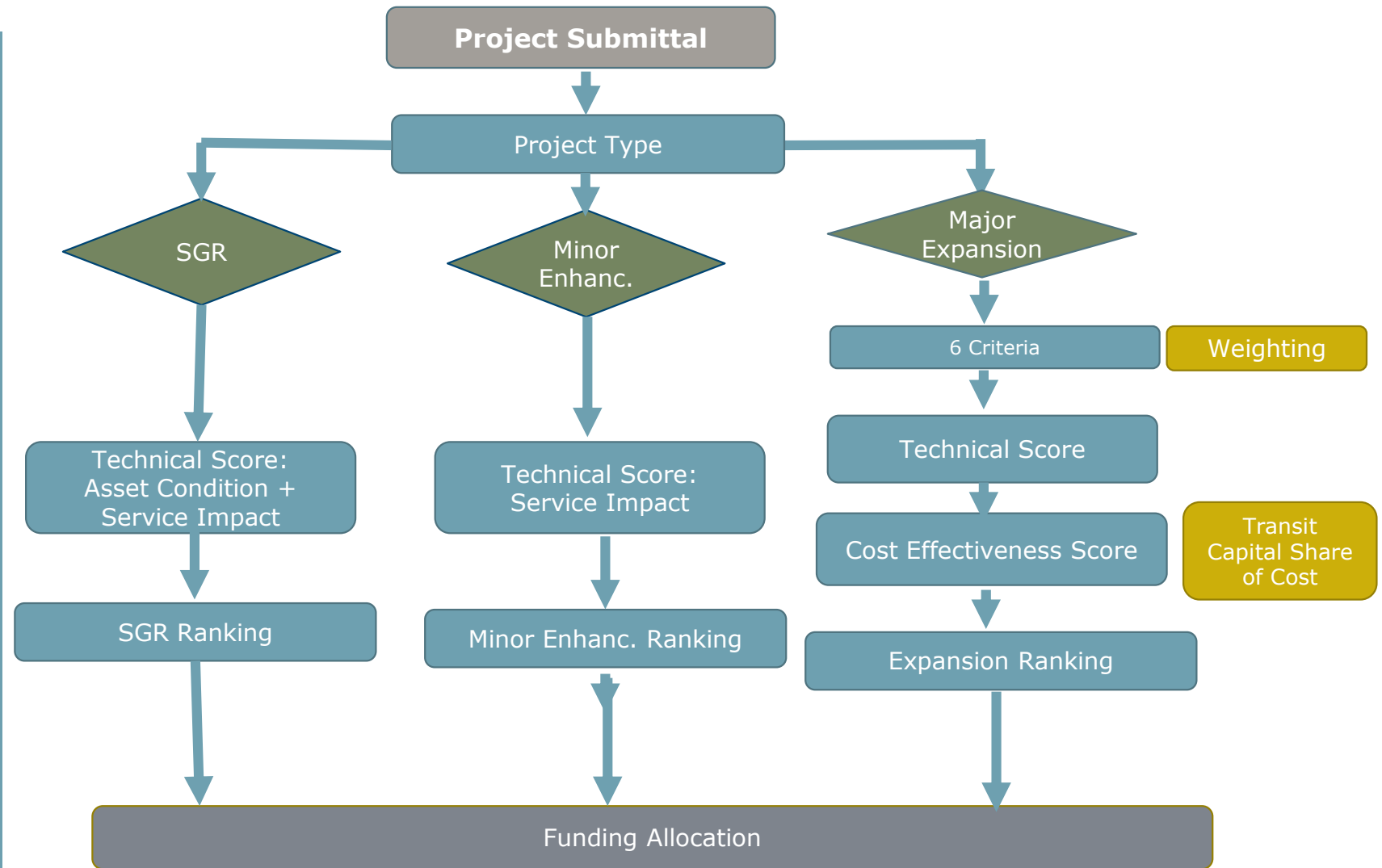
# Transit Funding Allocation Process



- Review existing grants (federal & state), project progress, transit development plans and state of good repair in making recommendations for capital funding
- Capital Funds:
  - Allocated based on new MERIT prioritization methodology
- Operating Funds:
  - Allocated based on new MERIT performance based methodology
    - ✓ Transition Formula
    - ✓ Transition Assistance



# Structure for Capital Program Prioritization



# State of Good Repair Scoring



- 279 line items scored
- Scores range from a high of 97 to a low of 15, on a 100 point scale
- Items with a score of 44 or greater recommended for funding (243 line items)
- Items that scored well:
  - Items exceeding useful life/mileage
  - Revenue vehicles
  - Customer facing infrastructure
  - Operational technology
- Items that did not score well:
  - Items not yet at their useful life/mileage
  - Administrative technology

# Minor Enhancement Scoring



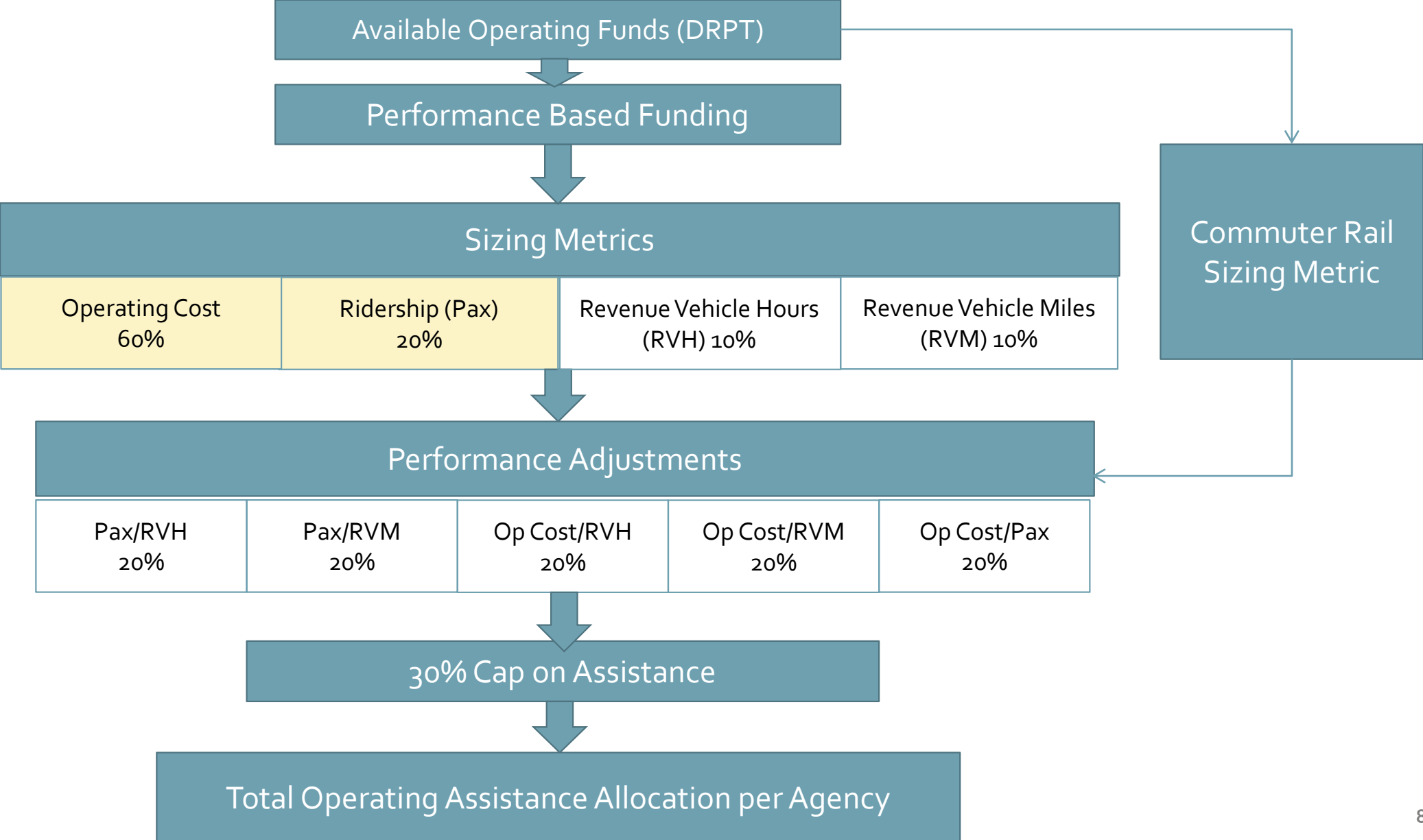
- 85 line items scored
- Scores range from a high of 35 to a low of 8, on a 40 point scale
- Items with a score of 15 or greater are recommended for funding (75 line items)
- Items that scored well:
  - Expansion vehicles
  - Maintenance equipment/facilities
  - Customer facility improvements
  - Operational technology
- Items that did not score well:
  - Administrative technology

# Major Expansion Scoring

Project	Total Benefit Score	Transit Capital \$	MERIT Score
Potomac Yard Metro South Entrance	47.7	\$25M	19.1
Crystal City Metro East Entrance	37.3	\$41.4M	9.1
CCPY Transitway Extension	23.5	\$14,6M	16.1
Route 1 Transitway Extension	17.6	\$2.5M	70.5



# Operating Assistance Allocation Methodology – FY2020



# Transit Operating Assistance



## What changed beyond the allocation methodology?

- Increase in available operating assistance by \$2.5m
- Use of operating reserve to provide transition assistance
- Review of performance data for 2015 through 2018
- New year of data - changes in individual agency performance relative to statewide trends

# Transit Operating Assistance



## What was the result?

- Most agencies see an increase over FY19 funding (33 out of 41 agencies)
- Some agencies see a reduction in funds, compared to FY19, related solely to their performance relative to statewide average
- Seven agencies receive transition assistance
- Some agencies will perform better when the recommended formula (50/30/10/10) is implemented



# Agency Examples – Operating Assistance



- Hampton Roads Transit
  - Receives less than FY19 – yet performs better under the new formula
- PRTC and Fairfax County
  - Receives more in FY20 than FY19 – receives transition assistance to offset impact of formula, but impact is less than anticipated
- VRE
  - Receives less in FY20 than FY19 – receives transition assistance to offset impact of formula, due to smaller share in commuter rail sizing based on new PMT data
- Blacksburg Transit
  - Receives less in FY20 than FY19 – receives transition assistance to offset impact of formula, FY21 formula increases emphasis on ridership and will benefit agencies like Blacksburg
- Rural and Small Urban systems
  - Generally see increases in FY20 over FY19

# VW Mitigation Trust Electric Buses



- Partnership with DEQ
- Allocation of \$8.9m from the VW Liability Litigation funds, leveraged with transit capital
- This will be a 3 year partnership with DRPT & DEQ
- Replacement vehicles prioritized through MERIT Process
- Alexandria DASH
  - 6 – 40' Buses and charging infrastructure
- Blacksburg Transit
  - 2 – 60' Articulated Buses and charging infrastructure
  - 3 – 35' Buses and charging infrastructure
- Hampton Roads Transit
  - 6 – 40' Buses and charging infrastructure

# Other Transit Programming Highlights



## Senior/Human Service Transportation

- Hanover County Specialized Transportation Program

## Demonstration and Technical Assistance

- Chesterfield County – Route 1 Mobility Services
- Albemarle County - Crozet Connex
- Fairfax County – CAV Shuttle

## Travel Demand Management

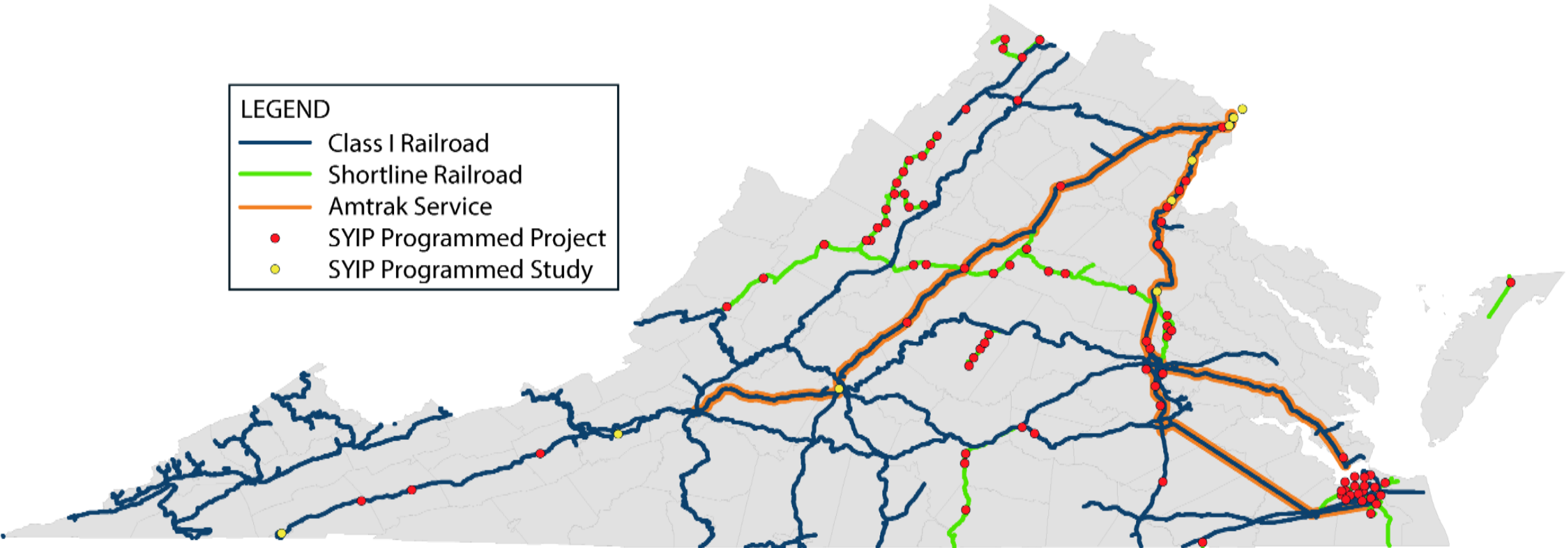
- Commuter Assistance Programs
- Vanpool Assistance Programs



# SYIP Programmed Rail Projects & Studies

**LEGEND**

- Class I Railroad
- Shortline Railroad
- Amtrak Service
- SYIP Programmed Project
- SYIP Programmed Study



# FY 20-25 Rail SYIP - \$1.6 B Total



- Intercity Passenger Rail Operating and Capital (IPROC) program and Rail Enhancement Fund (REF) – \$1.5B
  - Supporting VA passenger and freight needs
  - Funding decisions include benefit-cost analysis and evaluation criteria
- Railway Preservation Fund (RPF) - \$103.5M
  - Partners with VA Shortline railroads by prioritizing needs
  - Supports regional economies and local businesses
- CTB Rail Sub-Committee continually evaluates rail programs

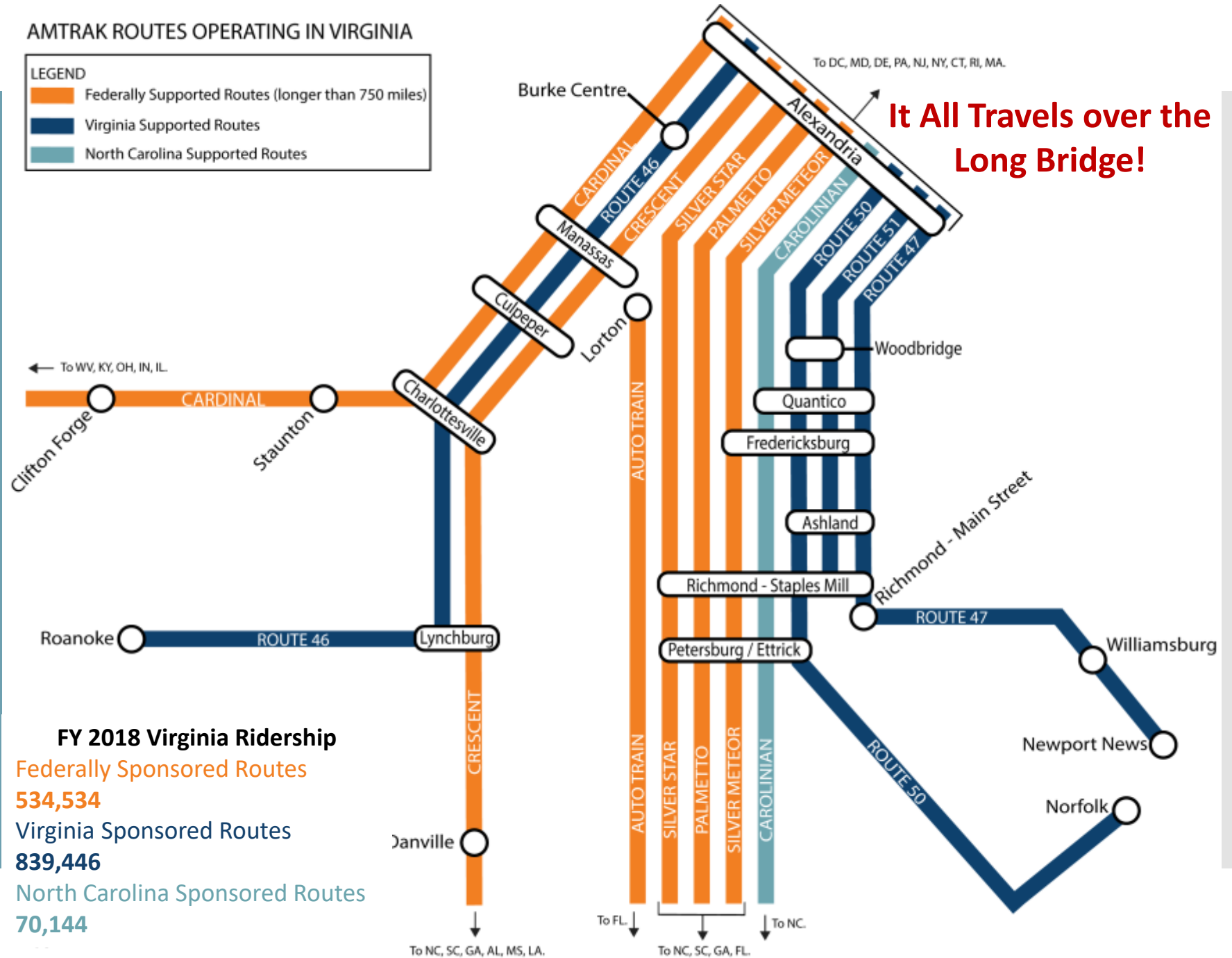


# State Sponsored & Long Distance Service

## AMTRAK ROUTES OPERATING IN VIRGINIA

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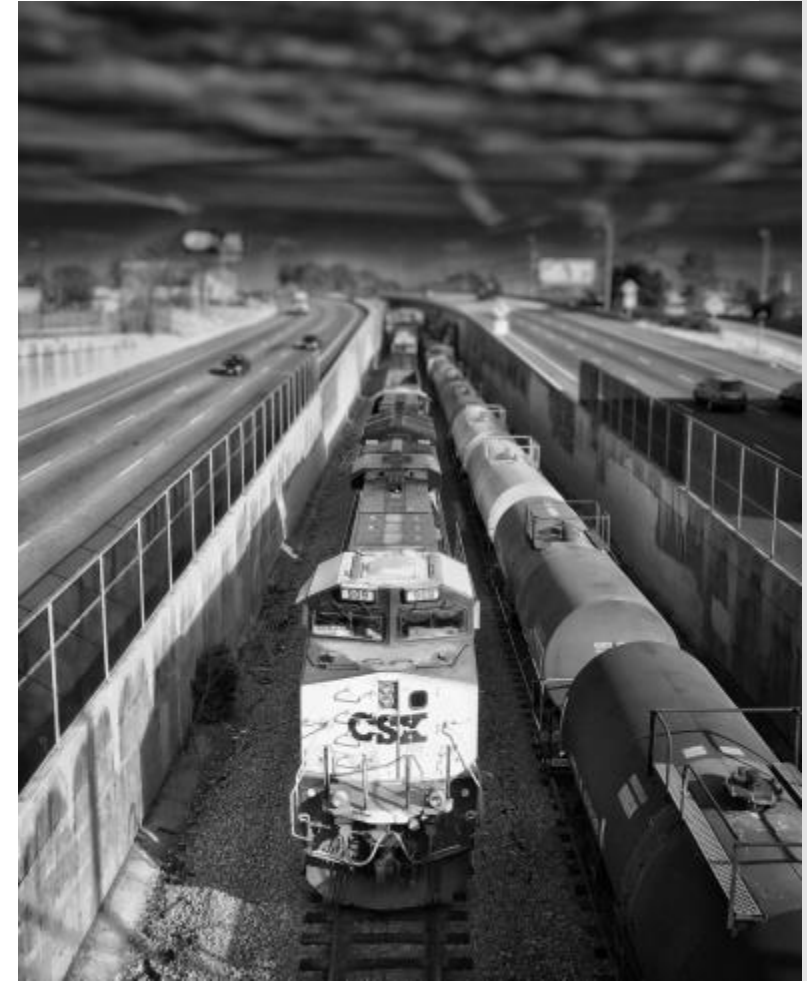




# State Rail Plan Goals & Objectives FY20 – FY25



- Prioritize Critical Infrastructure Projects
  - Long Bridge ~ \$1.3 – 1.6B
  - 4th Track ~ \$185M+
- Prioritize Improvements to Existing Service Corridors
  - VRE Platform and Track Improvements - \$42.7M
  - Newport News Platform/Service Facility – \$20.5M
- Enhance Rail Service to Port
  - Port Projects – \$54.4M
  - NIT and CWRV Marshalling Yard additional funding – \$7.5M



# State Rail Plan Goals & Objectives FY20 – FY25



- Support State of Good Repair; Promote Safety and Resiliency
  - Station Needs Assessment
  - Staples Mill Station Planning Study
  - Charlottesville Planning Study
  - Maintain RPF Commitments
- Encourage use of Intelligent Transportation Systems to Improve Operational Efficiency
  - Passenger Information Displays; WiFi
  - PTC Payment on Amtrak Lines
- Prioritize Projects that promote mode choice/options
  - Operating Budget for Norfolk Services
  - Discounts, Marketing





# Five Year Comparison of SYIP Allocations

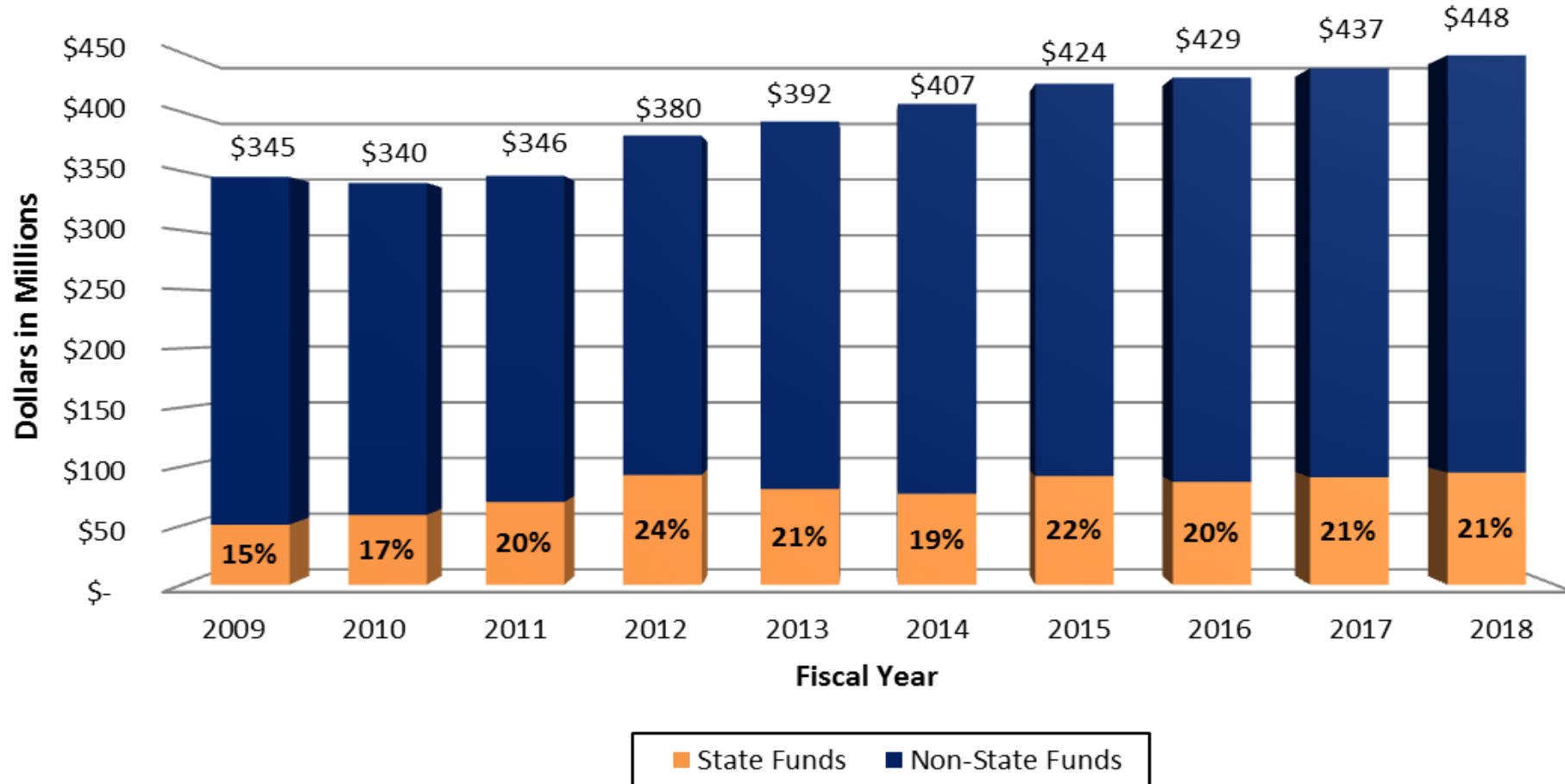
(\$ in millions)

	<b>FY 16 - 21</b>	<b>FY 17 - 22</b>	<b>FY 18 - 23</b>	<b>FY 19 - 24</b>	<b>Draft FY 20 - 25</b>
<b>Public Transit</b>	<b>\$2,816</b>	<b>\$2,928</b>	<b>\$2,605</b>	<b>\$3,742</b>	<b>\$3,838</b>
<b>Rail</b>	<b>558</b>	<b>799</b>	<b>823</b>	<b>643</b>	<b>789</b>
<b>Total</b>	<b>\$3,232</b>	<b>\$3,374</b>	<b>\$3,727</b>	<b>\$4,385</b>	<b>\$4,627</b>

# Transit SYIP by Program (\$ in millions)

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 20-25 Total	Percentage
Operating	\$125	\$126	\$128	\$129	\$131	\$132	\$771	20%
Capital	198	142	165	157	169	149	980	26%
Other	11	9	9	9	10	10	58	1%
WMATA	364	367	321	323	326	328	2,029	53%
<b>Total</b>	<b>\$698</b>	<b>\$644</b>	<b>\$623</b>	<b>\$618</b>	<b>\$636</b>	<b>\$619</b>	<b>\$3,838</b>	

## Transit Operating Funding: 10 Year Trend



# Transit Operating and Capital Reserve

<b>FY 20 Operating and Capital Reserve</b>	<b>\$</b>	<b>10.0</b>
<b>Recommended for Transition Assistance</b>	<b>\$</b>	<b>2.1</b>
<b>Remaining Operating and Capital Reserve</b>	<b>\$</b>	<b><u>7.9</u></b>

- Recommending that CTB allocate \$2.1 M of the Reserve for Transition Assistance

# FY 2020 Transition Assistance

<b>Charlottesville Area Transit</b>	<b>\$64,631</b>
<b>NVTC - City of Alexandria</b>	<b>26,322</b>
<b>NVTC - City of Fairfax</b>	<b>45,937</b>
<b>NVTC - Fairfax County</b>	<b>651,567</b>
<b>NVTC - VRE</b>	<b>1,029,586</b>
<b>PRTC</b>	<b>153,274</b>
<b>Blacksburg</b>	<b>96,315</b>
<b>Total Transition Assistance</b>	<b><u>\$2,067,632</u></b>

# FY 2020 Transit Capital

(\$ millions)



USES	Amount
State of Good Repair	\$ 24.7
Minor Enhancement	2.0
Major Expansion	83.5
Track Lease	14.5
<b>TOTAL CAPITAL NEEDS</b>	<b>124.7</b>
SOURCES	
Mass Transit Trust Fund	
SGR/Minor Enhancement (80%)	29.7
Major Expansion Allocation (20%)	7.4
	<u>37.1</u>
Flexible STP	27.1
<b>TOTAL CURRENT YEAR REVENUES</b>	<b>64.2</b>
SURPLUS / (SHORTFALL)	<b>\$ (60.5)</b>

# Rail SYIP Allocations by Program

(\$ in millions)

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 20-25 Total	Percentage
<b>Passenger &amp; Freight</b>	<b>\$172</b>	<b>\$135</b>	<b>\$129</b>	<b>\$124</b>	<b>\$106</b>	<b>\$93</b>	<b>\$758</b>	<b>96%</b>
<b>Preservation</b>	<b>10</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>31</b>	<b>4%</b>
<b>Total</b>	<b>\$182</b>	<b>\$142</b>	<b>\$134</b>	<b>\$129</b>	<b>\$110</b>	<b>\$93</b>	<b>\$789</b>	

# Items for Review in Final SYIP

- Finalize Project Management and Administration Budget
  - Limited to 5.0% for IPROC and 3.5% of other program funds
- Incorporate changes based on SYIP hearing comments







Virginia Department of Rail and Public Transportation

Questions?

**Jennifer DeBruhl**  
Chief of  
Public Transportation

**Michael McLaughlin**  
Chief of Rail

**Steve Pittard**  
Chief Financial  
Officer



COMMONWEALTH *of* VIRGINIA  
Office of the  
SECRETARY *of* TRANSPORTATION

Cathy McGhee, PE  
Director of Research and Innovation

# Innovation and Technology Transportation Fund

The ITTF provides funding specifically for the purposes of funding pilot programs and fully developed initiatives pertaining to high-tech infrastructure improvements with a focus on:

- Reducing congestion
- Improving mobility
- Improving safety
- Providing up-to-date travel data
- Improving emergency response

*ITTF projects are guided by the members of the CTB Innovation and Technology Subcommittee*

# ITTF Project Selection

Projects can be recommended by VDOT, DRPT, or localities

Projects are evaluated based on:

- Contribution to innovation
- Potential for transferability
- Applicability across modes
- Anticipated benefit
- Acceptability of risk

# Proposed Projects

Automated Virginia	Infrastructure/Connectivity	Data/Analytics	Cybersecurity	Other
<ul style="list-style-type: none"><li>• Virtual ATMS</li><li>• I-95 Active Traffic Management</li><li>• Hanover Specialized Transit</li><li>• MicroTransit Pilot</li><li>• Worker Alert</li></ul>	<ul style="list-style-type: none"><li>• Signal Controller Connectivity</li></ul>	<ul style="list-style-type: none"><li>• Regional Multimodal Mobility Program</li><li>• Data Analytics for Safety</li><li>• Performance Parking</li><li>• Customer Service Bots</li><li>• Arterial Operations Dashboard</li></ul>	<ul style="list-style-type: none"><li>• Cybersecurity Upgrades for Operations</li></ul>	<ul style="list-style-type: none"><li>• I-64 Afton Mountain Safety Improvements</li><li>• Pilot Program for Innovation</li><li>• Local Innovations</li></ul>

# Proposed Projects

## Improve Safety

- Regional Multimodal Mobility Program
- I-95 Active Traffic Management
- Virtual ATM
- I-64 Afton Mountain Safety Improvements
- Data Analytics for Safety
- Worker Alert
- Cybersecurity Upgrades for Operations

## Reduce Congestion

- Regional Multimodal Mobility Program
- Performance Parking
- I-95 Active Traffic Management
- Virtual ATM
- Arterial Operations Dashboard
- Signal Controller Connectivity
- I-64 Afton Mountain Safety Improvements

## Improve Traveler Information

- Regional Multimodal Mobility Program
- Performance Parking
- I-95 Active Traffic Management
- I-64 Afton Mountain Safety Improvements
- Data Analytics for Safety
- Customer Service Bots

## Enhance Emergency Response

- Signal Controller Connectivity
- Data Analytics for Safety
- Worker Alert

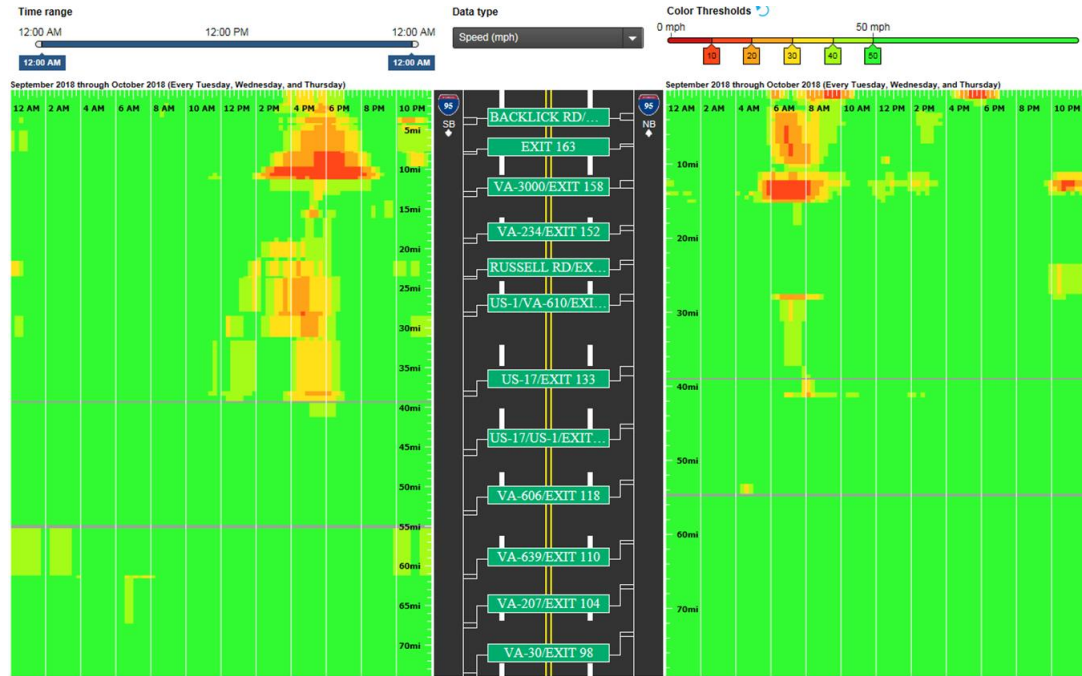
## Improve Mobility

- Hanover Specialized Transit
- MicroTransit Pilot

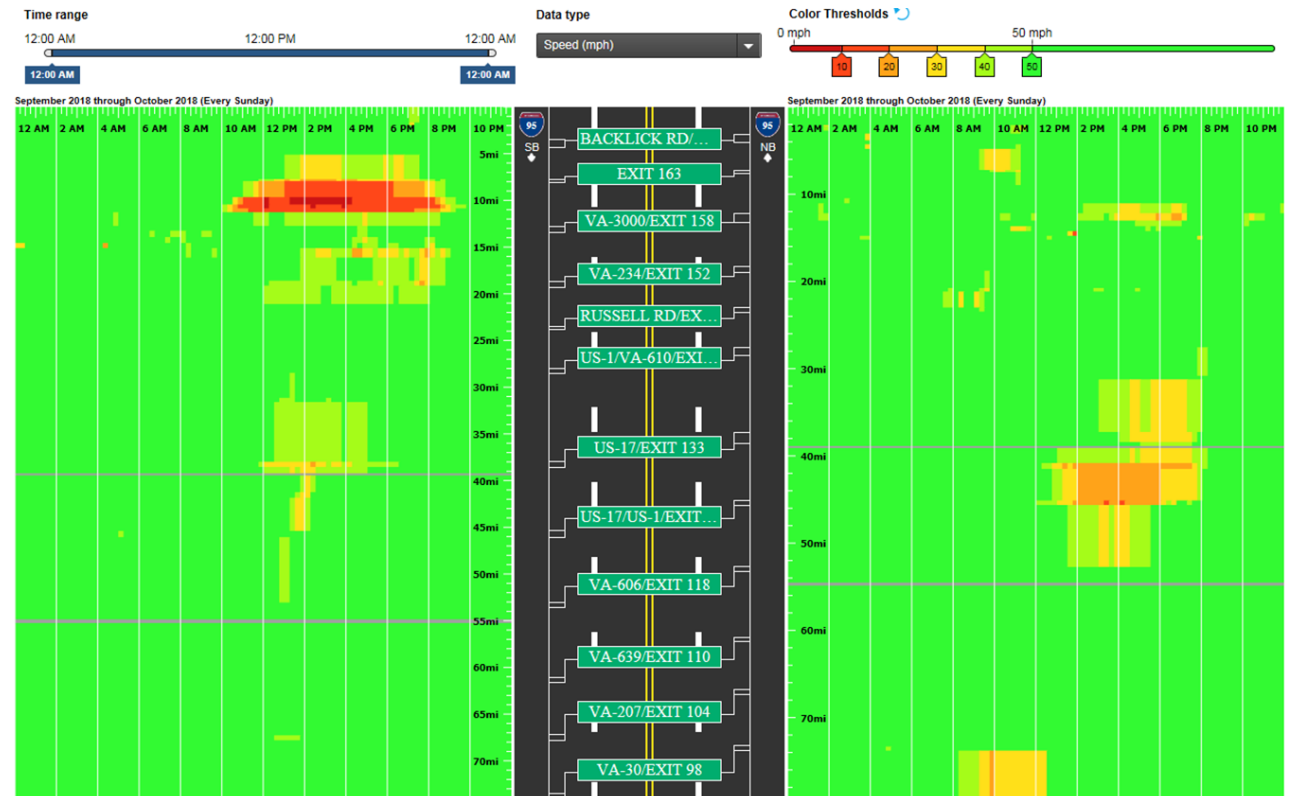
# Remaining Projects

- **I-95 Variable Speed Limits**
- **I-64 Afton Mountain Safety and Congestion**
- **Pilot Program for Innovation**
- **Innovation Program for Localities**
- **High Speed Communications for Signals**
- **Cyber Security Upgrades for Operations**
- **I-81 Operational Improvements**

# I-95 Operational Improvements



Sept./Oct. Weekdays



Sept./Oct. Sundays



# I-95 Variable Speed Limits

- **Active traffic management – experience internationally has shown VSL/speed harmonization to be effective in reducing congestion**
- **Other strategies may be identified through I-95 Corridor Study**
- **Total cost: \$ 15 million**

# I-64 Afton Mountain Safety Improvements

- **Safety during the PM peak travel westbound is the biggest single concern**
- **Evaluating a range of potential strategies:**
  - **ATM designed to mitigate high speeds and speed differentials at the top of the mountain where fog is most likely**
  - **Speed feedback signs**
  - **Dynamic signing to alert trucks to travel in the right lane during the PM peak**
  - **Flashing chevrons, enhanced signs and markings, modified operation of existing fog lights**
- **Total cost: \$5 million**

# Pilot Program for Innovation

- **Pilot program in partnership with the Center for Innovative Technology can bridge the gap between VDOT-identified transportation challenges and entrepreneurs who have potential solutions**
- **CTB Subcommittee for Innovation and Technology will help to identify high priority issues to put forward as problem statements**
- **Total cost: \$1.5 million**

# Innovation Program for Localities

- Initiative to fund locally identified innovative strategies that meet the goals of the ITTF program
- Working group of VDOT and DRPT staff will prioritize submitted projects on the basis of congestion relief, safety improvement, innovation, and potential for widespread deployment
- Total cost: \$2 million

# High-Speed Communications Upgrades for Signalized Intersections

- Real-time monitoring and operations of traffic signals requires reliable communications between the field controllers and the central system
- Currently, approximately 35% of signals statewide have substandard communications
- Effort will leverage a variety of approaches (VDOT fiber, resource sharing, leased lines, etc) to facilitate effective communications with all intersections
- Total cost: \$4.7 million

# Cybersecurity Enhancements for Operations Technology

- **Transportation operations is more connected than ever before**
- **Connectivity brings added risks and vulnerabilities**
- **Implementation of appropriate mitigation strategies can limit risk and impact**
- **Total cost: \$2 million**

# I-81 Operational Improvements

- The I-81 Corridor Improvement Study identified a number of operational strategies targeted at the non-recurring congestion that is common throughout the corridor
- Signal enhancements to facilitate detours when incidents occur is a key element of the operational improvement plan
  - Real-time signal timing modifications to address diverting traffic patterns
  - Real-time monitoring of conditions for operational improvement and traveler information
- Total cost: \$10 million



COMMONWEALTH *of* VIRGINIA  
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SECRETARY *of* TRANSPORTATION





**Legislative Update**  
**General Assembly 2019**  
**Developments from Reconvened Session**

Jo Anne Maxwell  
Governance and Legislative Affairs  
April 9, 2019

## Transportation Bill Amendments Proposed by the Governor

- **HB 1911:** Move over law-reckless driving penalty enhancement for certain stationary vehicles. Proposed Amendment: To apply enhanced penalty for failing to move over for VDOT incident management vehicles, tow vehicles, utility vehicles, construction vehicles with yellow lights. ***House Concurred, Senate Rejected***
- **SB 1521:** Photo speed monitoring/enforcement in work zones: Second reenactment requirement in 2020 and review of use and constitutionality of dedicating penalties to fund other than Literary Fund. ***GA Concurred***
- **SB 1768:** Use of handheld personal communication devices prohibited while driving in work zones. Proposed Amendments: Prohibit use of such devices while driving (anywhere) and provide exemption to VDOT when responding to incidents. ***Senate Concurred, House Rejected (Not Germane)***

# Transportation Bill Amendments Proposed by the Governor

HB 2718/SB 1716: Interstate 81 Corridor Improvement Fund and  
Program

## Transportation-Related Budget Amendments Proposed by the Governor (HB 1700)

- **Amendment 19:** Secretary to evaluate opportunities to mitigate financial burden on commuters at Downtown and Midtown Tunnel. Report due June 30, 2020. ***GA concurred***
- **Amendment 20:** HOV Requirement of at least 2 for a HOT lane PPTA facility with initial construction cost > \$3 billion and whose operation, maintenance or financing is not a result of the same comprehensive agreement for the facility's construction. ***GA concurred***
- **Amendments 29 and 33:** Courts prohibited from suspending driver's licenses solely for failure to pay fines and costs. Driver's license reinstatement fees waived for fines/costs suspensions and funding provided to DMV for lost revenues. ***GA concurred***

## New Studies/Reports Required by 2019 Session

- **HB 1700: Item 361 #1c: Virginia Capital Trail.** Secretaries of Natural Resources/Transportation to convene stakeholders group and assess transfer of sponsorship and maintenance support of Trail to Department of Conservation and Recreation.  
***Assessment Due 10/1/2019***
- **HB 1700 Item 433 #1c: Sustainability of Transportation Funding.** Secretary of Transportation/CTB to direct VDOT to establish working group to evaluate the impact of increased fuel efficiency/increased use of hybrid/electric vehicles on transportation revenues and options to provide a sustainable funding stream for transportation infrastructure.  
***Report of Findings Due 12/10/2019***
- **HB 1700 Item 433: Elizabeth River Crossings.** Secretary of Transportation to evaluate opportunities to mitigate financial burden on commuters at Downtown/Midtown Tunnels. ***Report due 6/30/ 2020***

## New Studies/Reports Required by 2019 Session

- **HB 2315: At-Risk Infrastructure Report.** Failed, but House Rules Chair issued a letter directing VDOT to identify transportation infrastructure at risk of wind or tidal flooding and make recommendations to address such infrastructure.  
*Report due 1/1/2020*
- **HB 2326: Statewide Prioritization Process; primary evacuation routes.** Failed, but House Transportation Chair to issue a letter directing VDOT to provide report identifying evacuation routes and how they are established.
- **HB 2633: Statewide Prioritization Process; congestion mitigation.** Failed, but House Transportation Chair to issue letter directing study of congestion factor impact in SMART SCALE prioritization process.

## New Studies/Reports Required by 2019 Session

- **HB 2718/SB 1716: Interstate 81-Related Reports.**
  - CTB to report annually on status and progress of implementation of I-81 Program after consultation with I-81 Committee. Report to include, at a minimum: safety and performance of corridor; assessment of effectiveness of operational strategies and capital projects; status of capital projects funded through the Program; and current and projected balances of the I-81 Fund.  
***Report due 12/15 each year***
  - I-81 Committee to report to GA and Governor recommendations for funding and prioritization of projects in I-81 Corridor Improvement Plan adopted by CTB on December 15, 2018. Committee to conduct regional meetings and gather input from public and stakeholders regarding options for funding and improvements. ***Report due 12/15/2019***

## New Studies/Reports Required by 2019 Session

- **HB 2784/SB 1749: Robert O. Norris Bridge/Statewide Special Structure Fund.**
  - ❑ CTB to undertake a comprehensive review of current and future condition of pavements and bridges in the Commonwealth. Minimum requirements:
    - i. consider current conditions/performance targets of pavements and bridges;
    - ii. consider current investment strategies of the HMOF and State of Good Repair Program;
    - iii. recommend new performance targets for pavements/bridges with sustainable performance over a 20-year period; and
    - iv. develop investment strategy for the HMOF and the State of Good Repair Program to achieve sustainable performance targets, including a plan to address funding needs of large and unique bridges and tunnels. **Report Due 12/1/2019**
  - ❑ CTB to review feasibility of using PPTA to design/build/operate/maintain Norris Bridge and Downing Bridge.
  - ❑ Requires the Commissioner to report on use of moneys in the RNBSSS Fund. **Report due 11/30 each year**



## New Studies/Reports Required by 2019 Session

- **HB 2800/SB1775: Overweight Vehicles.** Commissioner of Highways to report annually certain data/information relating to overweight trucks and incidents/crashes; maintenance and infrastructure needs of routes frequented by overweight trucks; and additional vehicle miles necessary if vehicles not permitted to carry overweight loads. If data unavailable, no requirement to establish collection methodology. ***Report due 12/1 in 2019 and 2020***
- **HJR 581/SJR 276: I-95 Corridor Study.** CTB to study I-95 corridor between Exit 118 and the Springfield Interchange and financing options for improvements to the corridor and develop I-95 Corridor Improvement Plan. VRE improvements, high speed rail and transit improvements to be considered as means of reducing congestion. ***Report due 1<sup>st</sup> day of 2020 GA Session***

## New Studies/Reports Required by 2019 Session

- **SB 1535: Sign Inspection Requirements.** Stakeholders working group will be convened to study alternatives and recommendations/draft legislation for imposing sign inspection requirements for certain signs along interstates that pose a threat to traffic safety due to height. **Will be completed in time to allow for pre-filed legislation.**
- **SJR 254: Dulles Greenway.** VDOT to study the feasibility of purchasing all or part of the Dulles Greenway. Among other things VDOT is required to evaluate the feasibility of distance-based tolling on the Dulles Greenway. ***Report Due 1<sup>st</sup> day of 2020 GA Session***
- **HB 2737: DRPT - Rail Signage.** DRPT, in conjunction with relevant stakeholders, is to evaluate the placement, maintenance, cost and potential funding sources of highway signs to (i) indicate the presence/direction of nearby Amtrak or intercity passenger rail stations and (ii) promote the use of such services. ***Report due 12/1/2020***

## New Studies/Reports Required by 2019 Session (Tentative)

- **HJR 629: Midtown and Downtown Tunnels Report.** Directs JLARC to study the feasibility of reducing or eliminating tolls on the Midtown and Downtown Tunnels in Hampton Roads. Legislation Failed, but JLARC may exercise discretion to conduct a study.



## COMMONWEALTH of VIRGINIA

### *Commonwealth Transportation Board*

Shannon Valentine  
Chairperson

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## **COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA**

VDOT Central Auditorium  
1221 East Broad Street  
Richmond, Virginia 23219

April 9, 2019  
10:00 a.m.

12. Director's Items  
*Jennifer Mitchell, Virginia Department of Rail & Public Transportation*

*This item does not have a presentation associated with it.*



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## **COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA**

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April 9, 2019  
10:00 a.m.

13. Commissioner's Items  
*Stephen Brich, Virginia Department of Transportation*

*This item does not have a presentation associated with it.*



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## **COMMONWEALTH TRANSPORTATION BOARD WORKSHOP AGENDA**

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April 9, 2019  
10:00 a.m.

#### 14. Secretary's Items

*Shannon Valentine, Secretary of Transportation*

*This item does not have a presentation associated with it.*