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# PROJECT DEVELOPMENT OPPORTUNITIES

**Mark E. Riblett, P.E.**

Assistant District Engineer - Project Development, Planning, and Investment Management

May 25, 2023

# Opportunities:

## Planning & Programming Project Development Outreach

- Planning and Programming – Update of Six Year Plan (SYIP)
  - Round 5 SMART SCALE
  - Round 6 SMART SCALE
  - Central Virginia Transportation Authority (CVTA)
- Project Development Year End Results (FY2016 – FY2023)
  - Dashboard status for Richmond District
  - History of past and current on-time and on-budget performance (OT/OB)
  - Current performance projections for FY23 (year end, June 30, 2023)
  - Upcoming advertisements and procurements – VDOT and Locally administered
- Outreach Opportunities – training and information for localities, sponsored by Richmond district
  - Locality Day
  - Bi-monthly meetings
- Project Spotlight – Fall Line Trail
- Questions / Contract Information

# SMART SCALE Round 5 Schedule

Round 5 Projects will be adopted into the final FY24-28 SYIP

March - April 2022	SMART Portal Pre-Application period opens March 1; closes April 1 @ 5pm
April – May 2022	VDOT District, CO and OIPI conduct application pre-screening April 2 – May 31
June – July 2022	Application refinement opens June 1 and closes on July 30*
August 1 <sup>st</sup> 2022	Final applications are due
Aug – Dec 2022	VDOT District, CO and OIPI screen, evaluate, validate, and score applications
Jan 2023	Project scores presented to the CTB
<b>Jan – June 2023</b>	<b>Funded projects undergo public comment, SYIP approval process; CTB may modify staff funding scenario</b>

# SMART SCALE updates to the Program (SYIP)

- **PROCESS:**

- Information was initially [released in January](#) at the Commonwealth Transportation Board (CTB) Workshop (typically on odd years) this is the first step in the review of potential project selections.
- [Per state code, SMART SCALE](#) is a project prioritization process. CTB is responsible for selecting projects. Final project selections are typically presented in May on odd years. The SMART SCALE Round 5 consensus scenario is scheduled to be presented May 23rd.

- **NEW PROJECTS:**

- Potential new projects for addition to the SYIP have been included in the SMART SCALE [staff recommended scenario](#) (result of the SMART SCALE Scoring and Allocation processes).

- **EXPECTED ACTION:**

- The CTB is scheduled to take action on the consensus scenario May 24<sup>th</sup> at their action meeting.

# SMART SCALE – Staff recommended funding scenario

## Staff Recommended Scenario – Richmond (1 of 2)

Application ID	Project	Organization	SMART SCALE Request	SMART SCALE Score	Step Funded
9459	Appomattox River Greenway Trail Boulevard Spur	Colonial Heights City	\$556,703	73.88	1
9445	Hockett Road Re-alignment	Goochland County	\$1,041,897	40.91	1
9166	ART - Old Towne Petersburg (Grove Ave to River Rd)	Crater PDC	\$1,700,561	24.90	2
9125	FLT/ART Trailhead/Parking Lot	Tri-Cities Area MPO	\$3,406,589	17.63	2
9009	A Broad Street Streetscape w/ Pulse BRT Expansion Phase III	Richmond Regional TPO	\$15,052,736	17.16	2
8928	A Gillies Creek Greenway	Richmond City	\$5,340,700	17.12	1
9126	ART - Rt 1 to Colonial Heights and I-95	Tri-Cities Area MPO	\$3,922,630	11.46	2
9435	Appomattox River Greenway Trail Phase 6	Colonial Heights City	\$3,807,235	11.09	1
9043	W Broad Street Short Pump	Henrico County	\$22,769,970	10.89	1
9001	C Fall Line Trail with Transit Improvements Manchester Br.	Greater Richmond Transit Company	\$26,713,185	10.10	2
8931	D Clay Street Streetscape Improvements	Richmond City	\$18,770,662	9.41	1
9325	Route 288 Northbound - Hard Shoulder Running	PlanRVA Richmond Regional PDC	\$23,561,735	9.34	2
8938	J Hull Street Shared Use Path Improvements	Richmond City	\$8,027,213	9.02	1
9246	Roundabout at Middle Road and Prince George Drive	Prince George County	\$8,250,342	7.87	1

Continued on next slide

# SMART SCALE – Staff recommended funding scenario

## Staff Recommended Scenario – Richmond (2 of 2)

Application ID	Project	Organization	SMART SCALE Request	SMART SCALE Score	Step Funded
9041	Staples Mill Road Improvements	Henrico County	\$26,465,419	7.28	1
9462	W Randolph Road Shared Use Path	Hopewell City	\$6,445,483	6.77	1
9458	S. Laburnum Ave - Gay Ave Thru Cut	Henrico County	\$5,151,501	6.19	1
9394	Green Chimney	Ashland Town	\$11,796,775	5.51	1
9154	Route 360/Deer Run Drive/Harbour View Court - RCUT	Chesterfield County	\$22,243,092	4.84	1
9313	Hill Carter Parkway Extension	Ashland Town	\$22,467,888	4.64	1
<b>Total Staff Recommended - 20</b>			<b>Total</b>		
			<b>\$237,492,316</b>		



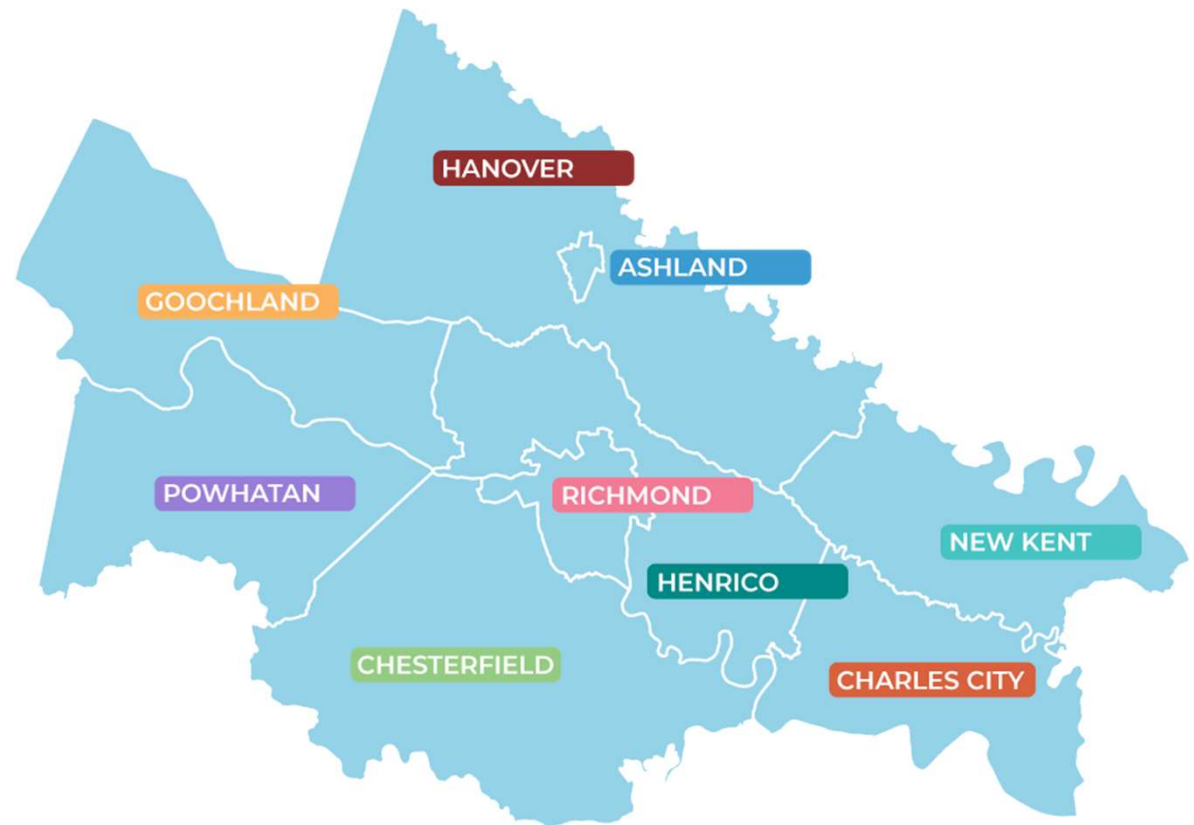
# SMART SCALE Round 6

## Preparation Activities

- Believe it or not, the time to prepare for Round 6 is NOW!
- Working with District Planning staff early in the process can provide significant assistance to the application process.
- District staff is available for technical assistance for the pre-application process.

# Central Virginia Transportation Authority (CVTA)

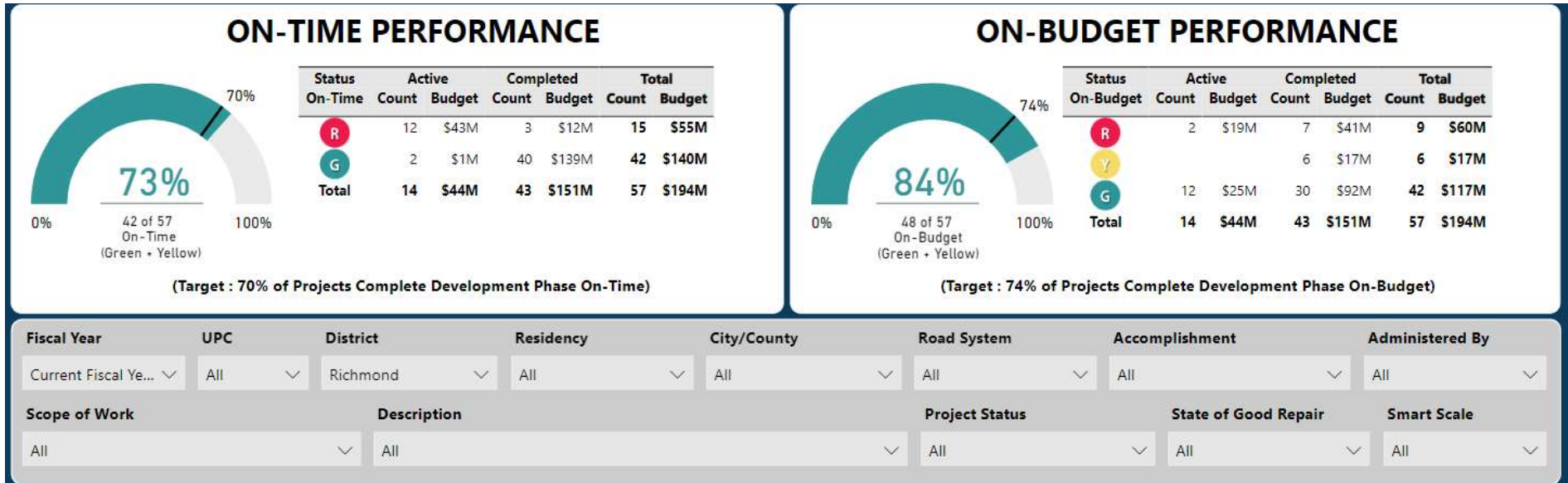
- CVTA has made regional project selections - and are currently evaluating the impact of, and potential successes associated with “leveraging” opportunities in application processes.
- Reminder: Funding stream for transportation
  - approximately \$200M per year
  - 35% regional projects
  - 50% locality projects
  - 15% public transit



# DASHBOARD – All Projects (with award date in FY23)

Performance as of 05/16/2023

[Projects](#) | [VDOT's Dashboard \(virginiadot.org\)](#)



# District Performance – Project Development

Past History relative to performance targets

Fiscal Year	VDOT Advertisement Goal:	Local Advertisement Goal:	VDOT Cost Estimate Goal:
	70%	70%	74%
2023*	90%	80%	90%
2022	88%	51%	94%
2021	88%	34%	84%
2020	88%	73%	88%
2019	75%	69%	95%
2018	80%	78%	92%
2017	91%	81%	89%
2016	91%	77%	89%

\* 2023 percentages are year end projections.

# FY23 Year End Projections for OT/OB performance (as of May 16, 2023)

FY23 Dashboard Summary						
	Current Fiscal Year		CE Prediction Report		Richmond District Prediction	
	On-Time Performance	On-Budget Performance	On-Time Performance	On-Budget Performance	On-Time Performance	On-Budget Performance
All Projects	77%	83%	87%	79%	88%	83%
VDOT Admin	85%	90%	89%	87%	90%	90%
Locally Admin	66%	58%	80%	50%	80%	50%
Rail	0%	100%	Null	Null	100%	100%
Other	N/A	N/A	N/A	N/A	N/A	N/A
<b>Target</b>	<b>70%</b>	<b>74%</b>	<b>70%</b>	<b>74%</b>	<b>70%</b>	<b>74%</b>

# Noteworthy Advertisements (through July 2024)

VDOT Administered – Highlighted projects to be advertised by July 2024

## Highlights – VDOT Administered Projects *(\$ shown for total CN phase)*

- UPC 111466: #SMART18 - I-95 Aux Lanes (NB & SB) between Route 288 & Route 10 – Chesterfield County
  - \$24.9M; Advertisement Planned for Spring 2024
- UPC 107085: #SGR18VB - Route 641 Bridge Replacement – Chesterfield County
  - \$14M; Advertisement Planned for Summer 2023
- UPC 112042: Route 1 Improvements: Ashcake Rd to Arbor Oak Dr – Hanover County
  - \$9.9M; Advertisement Planned for Winter 2023
- UPC 120440: #I95CIP – Exit 53 – Extend Acceleration Lane – City of Colonial Heights
  - \$3.8M; Advertisement Planned for Summer 2024

# Noteworthy Advertisements (through July 2024)

Locally Administered – Highlighted projects to be advertised by July 2024

## Highlights – Locally Administered Projects *(\$ shown for total CN phase)*

- UPC 15959: #SMART18 – US360 Hull Street Safety/OPS Improvement Phase I – City of Richmond
  - \$22 Million; Advertisement Planned for Spring 2024
- UPC 107088: Route 636 Nash Road Extension - Chesterfield County
  - \$22 Million; Advertisement Planned for Spring 2023
- UPC 104148: Sadler Rd – Reconstruction - Henrico County
  - \$19 Million; Advertisement Planned for Winter 2023
- UPC 19035: Jahnke Rd – 2 Lane Improvements – City of Richmond
  - \$17 Million; Advertisement Planned for Summer 2023

# Outreach Opportunities: Training and information for localities

## Locality Day May 2022: Highlights

- Panel Discussions
- Group Case Studies

## Locality Day May 2023: Highlights

- Lessons Learned
- Project Success Stories
- Locality of the Year & Project Manager of the Year

## Held Quarterly Training Sessions and Transportation Alternative and Revenue Sharing Workshop





# Outreach Opportunities: What's Next

- **Bi-monthly training** (*CEWB, PWA for Consultants, Invoice Training, PROWAG*)
- **Monthly Newsletter**
- **Teams Site for Localities**
- **One on one coordination with localities on grant application development**
- **Site Visits**
- **Collaborate with District Planning to develop a district project pipeline**
- **2024 Richmond District Local Assistance Conference (2 days)**



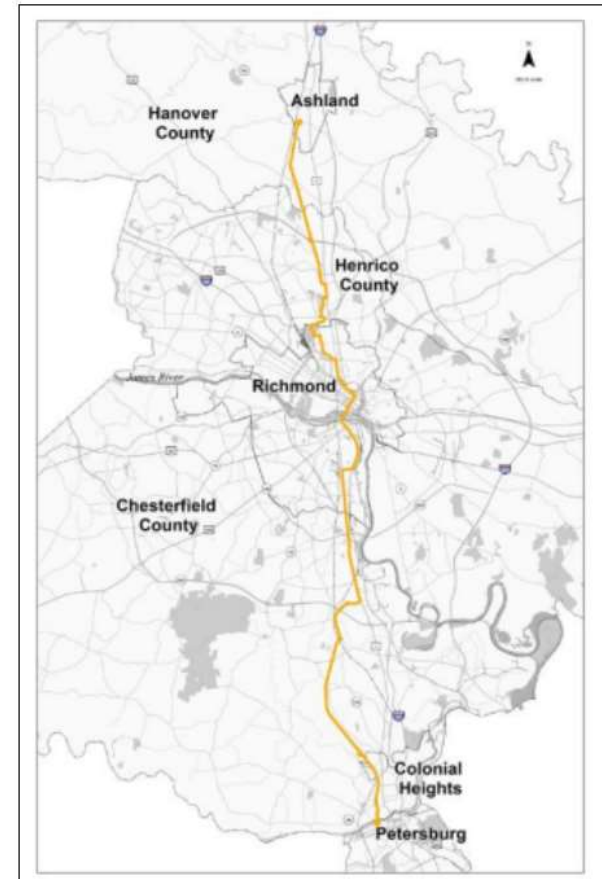
# Project Spotlight – Fall Line Trail

## VDOT Design-Build Packages

- DB#1 (northern section Ashland -> Chickahominy crossing)  
Advertisement was on December 13, 2022 as scheduled  
Construction is anticipated to begin mid-year calendar year 2023
- DB#2 (southern section Petersburg -> into Chesterfield County)  
CTB Location Approval for the Fall Line Trail Design-Build #2  
was approved in December 2022  
Advertisement is anticipated for late 2023

**Local efforts continue on additional sections of the trail in Henrico County, City of Richmond, and Chesterfield County**

**Not all sections of the trail are currently fully funded – efforts are underway to seek additional funding to assist with trail completion**



# Thank You!

## Contact Information:

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# MAINTENANCE PROGRAM RICHMOND DISTRICT

**Tanveer Chowdhury, P.E.**  
District Maintenance Engineer



May 25, 2023

# Richmond District Maintenance Program - FY23

## FY23 Maintenance and Operations Budget

- **Bridge**
  - \$32.9 million
- **Pavement**
  - \$75.8 million
- **Routine Maintenance**
  - \$66 million
- **Snow**
  - \$25.9 million

## State of Good Repair

- **Pavements**
  - \$4.4 million
- **Bridges**
  - \$22.1 million

## Special Structures

- **Varina-Enon**
  - \$2.2 million
- **Benjamin Harrison**
  - \$12.1 million

## IIJA

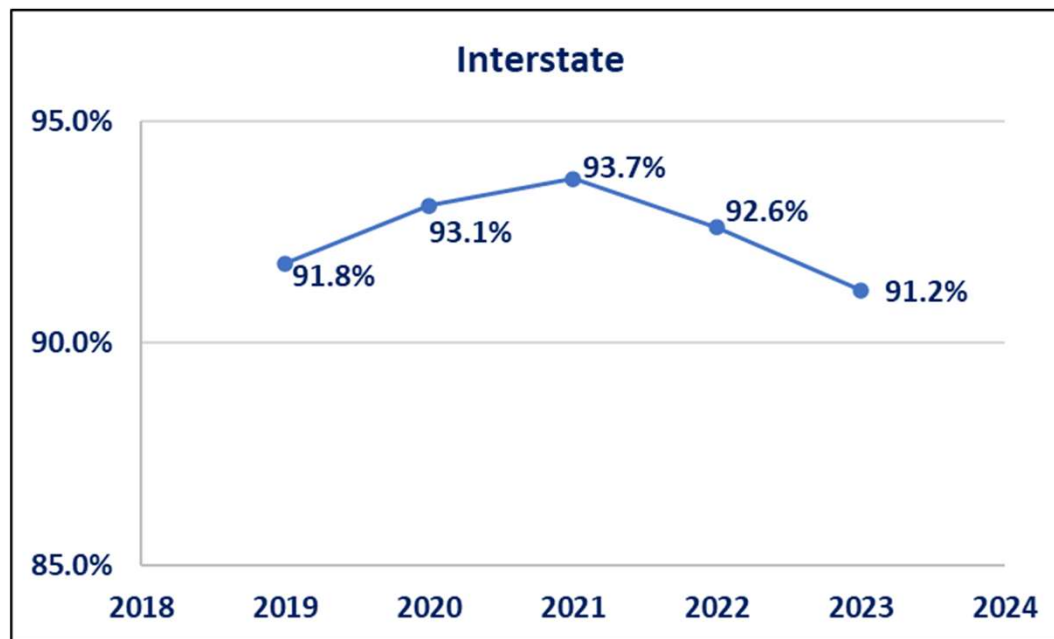
- **Bridges**
  - \$13.1 million

# Richmond District Pavement Maintenance Program

- **Pavement Condition History & Performance Targets**
- **CY 23 Paving Program**

# Richmond District Pavement Condition Trend

Interstate System: %Sufficiency



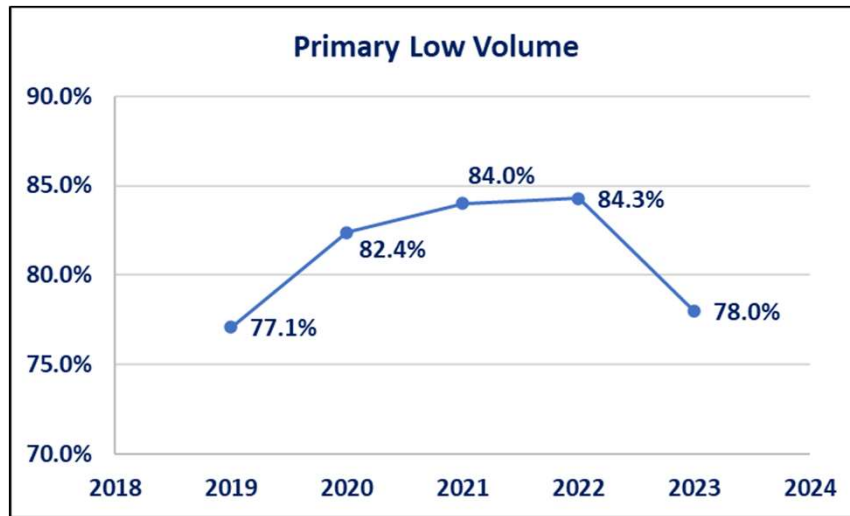
Statewide Target: Percent Sufficiency 82%



# Richmond District Pavement Condition Trend

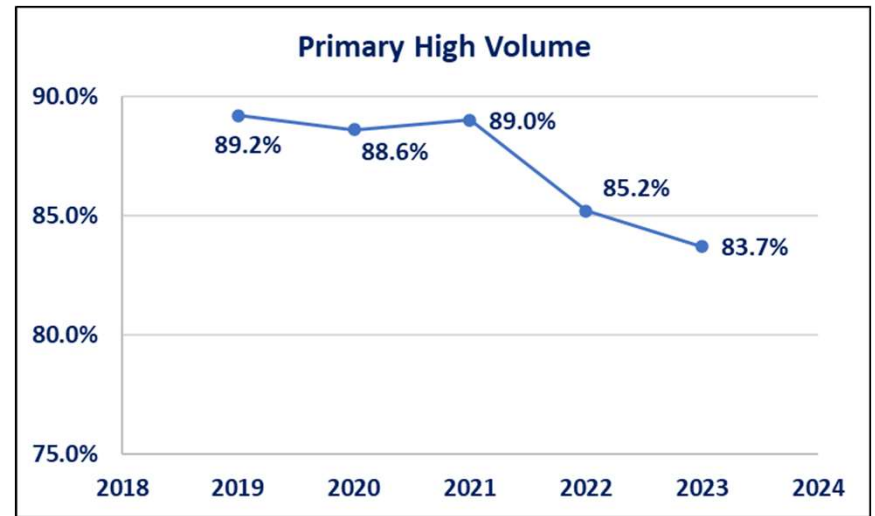
Primary System: % Sufficiency

AADT < 3500



Statewide Target: Percent Sufficiency 75%

AADT > 3500

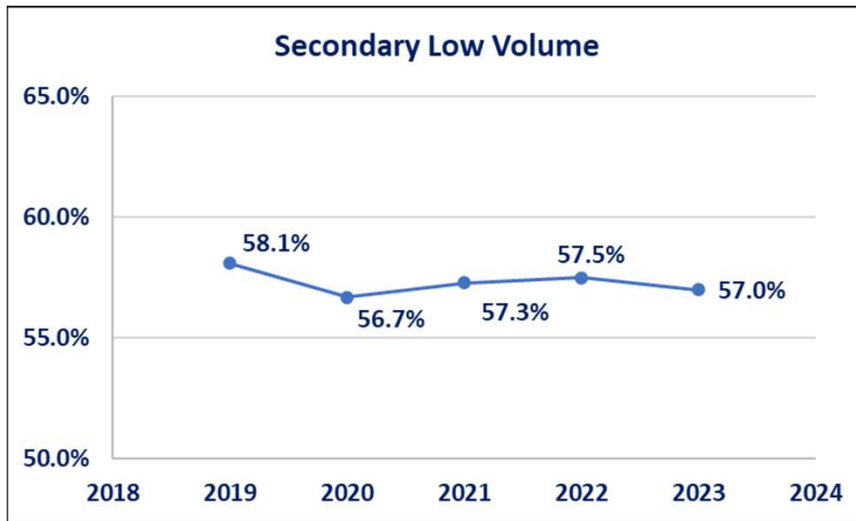


Statewide Target: Percent Sufficiency 82%

# Richmond District Pavement Condition Trend

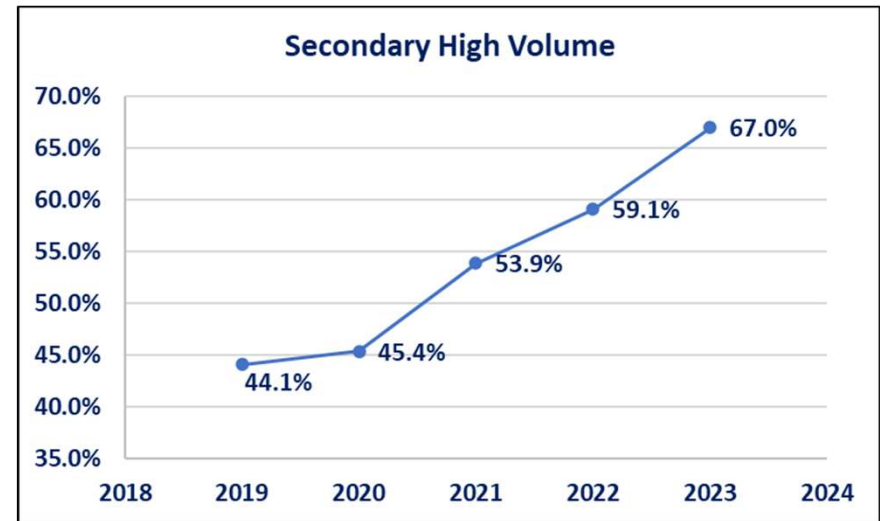
## Secondary System: % Sufficiency

AADT < 3500



Statewide Target: Percent Sufficiency 60%

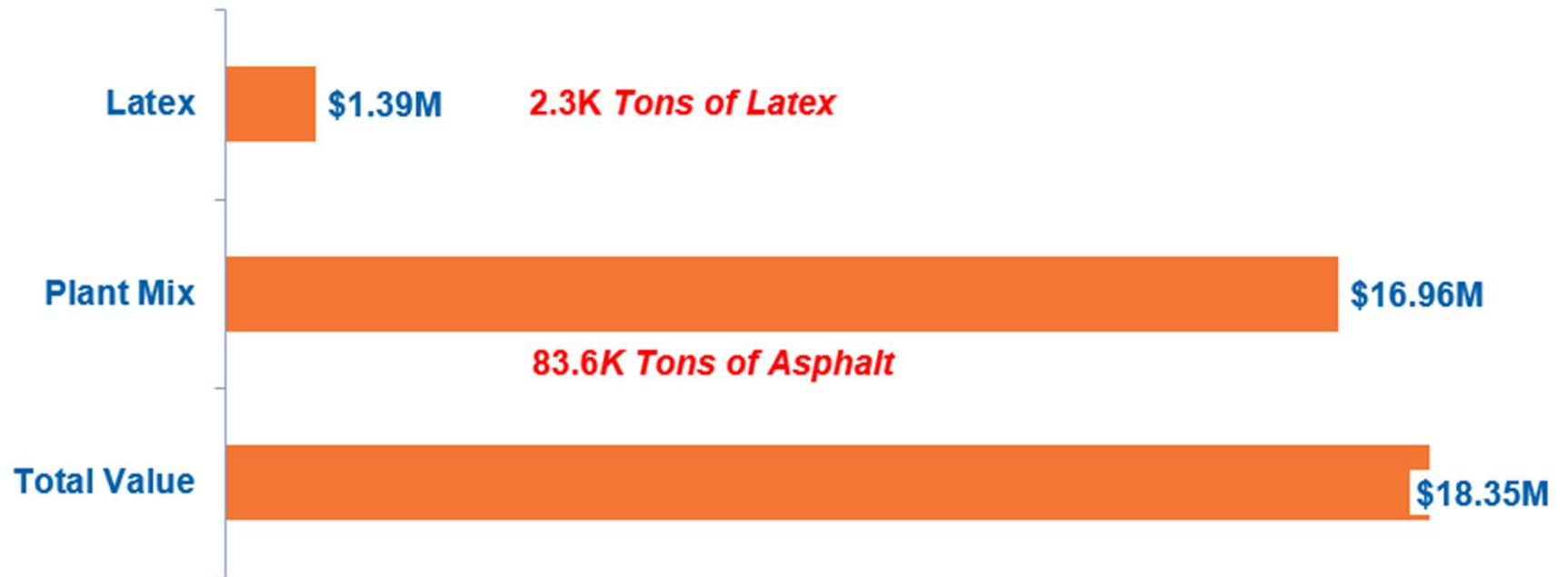
AADT > 3500



Statewide Target: Percent Sufficiency 82%

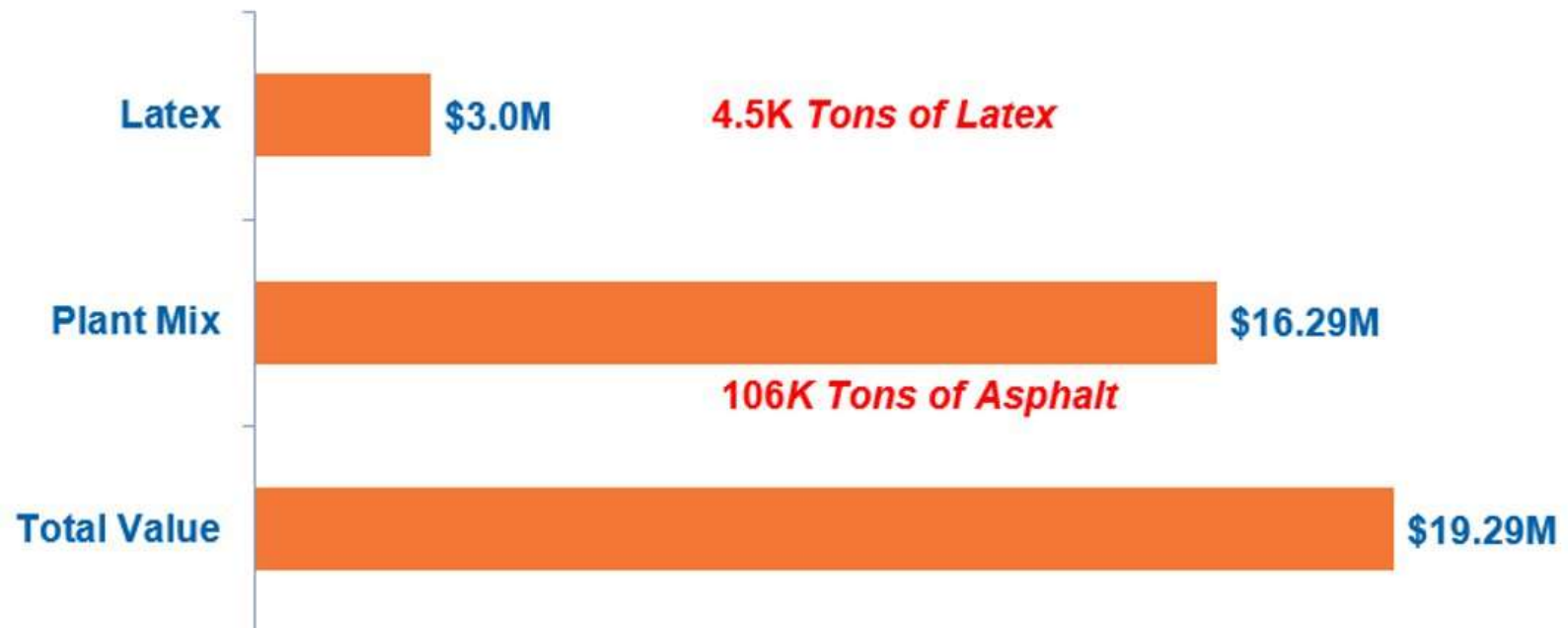
# 2023 Richmond District Paving Program Summary

## Interstate System Paving Breakdown



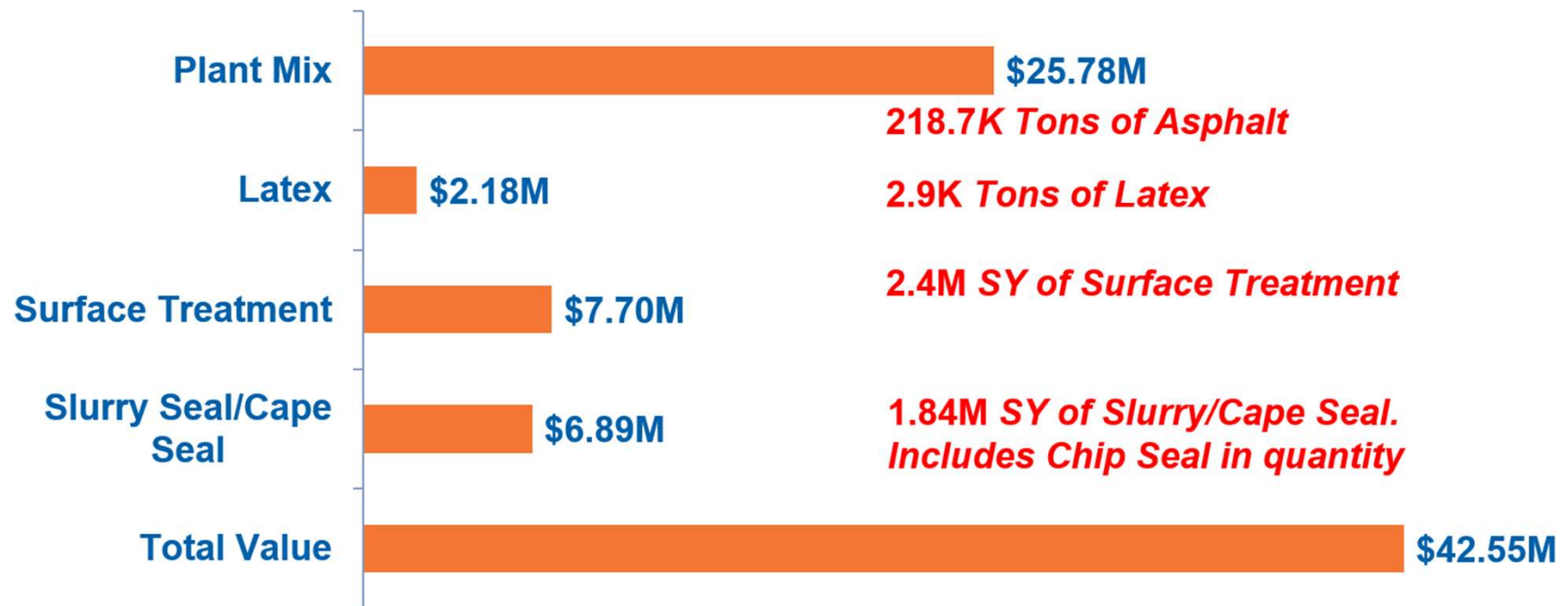
# 2023 Richmond District Paving Program Summary

## Primary System Paving Breakdown



# 2023 Richmond District Paving Program Summary

## Secondary System Paving Breakdown



# 2023 Richmond District Paving Program Summary

- **22 Contracts Total Value = \$80.2M**
- **Total of 1,023 Lane Miles to be paved in CY 2023**
- **Construction Engineering Inspection Services (CEI) = \$4.9M**
- **Contingencies, Contract Requirements & State Police = \$5.3M**
- **Special Projects:**
  - **FDR on Primary and Secondary**
  - **Alternate Bid (Recycling/HMA) on Route 6 in Goochland**
  - **Deep Repair (8" Mill and 10" Asphalt) on I-95 SB in Chesterfield (State MM 63.3 – 61.4)**

# 2023 Paving Updates

## Surface Mix

- **ST-4A-23 - Ashland Surface Treatment** – Patching and eradication complete. Resurfacing to start in June
- **ST-4B-23 - South Hill Surface Treatment** – Eradication complete. Resurfacing in progress
- **ST-4C-23 - Chesterfield Surface Treatment** – Eradication and Patching in progress
- **ST-4D-23 - Petersburg Surface Treatment** – Resurfacing near complete.

## Slurry/Cape Seal

- **SS-4A-23 - Ashland/Chesterfield Slurry/Cape Seal**- ~ 20% resurfacing complete
- **SS-4B-23 - Petersburg Slurry/Cape Seal** – Resurfacing complete. Striping in progress

## Latex

- **LM-4A-23 - District Wide Latex (Primary/Secondary)**- ~30% resurfacing complete.
- **LM-41-23 - District Wide Latex (I-85)** - Resurfacing complete. Striping and marker Installation in progress

# 2023 Paving Updates

## Plant Mix

- **PM-4I-23 - Ashland Plant Mix (Primary)** - Anticipated start May 28, 2023
- **PM-4A-23 - Ashland Plant Mix (Secondary)** - Charles City/New Kent complete. Starting in Hanover
- **PM-4B-23 - South Hill Plant Mix (Primary/Secondary)** - ~10% resurfacing complete.
- **PM-4C-23 - Chesterfield Plant Mix (Primary)** - Anticipated start May 22, 2023
- **PM-4D-23 - Petersburg Plant Mix (Primary/Secondary)** - ~98% resurfacing complete.
- **PM-4F-23 - Chesterfield Plant Mix (Secondary)** - ~15% resurfacing complete
- **PM-4G-23 - Chesterfield Plant Mix (Secondary)** - ~40% resurfacing complete.

## Plant Mix - Stand Alone

- **PM-41-23 - Plant Mix - Central Region (Interstate)** - Work started on I-95S from Rte. 288 to Rte. 10
- **PM-42-23 - Plant Mix - Northern Region (Interstate)** - Anticipated start end of August, 2023
- **PM-46-23 - FDR (Primary/Secondary)** - Executed
- **PM-47-23 - Recycling Route 6 in Goochland** - Complete. Rideability in progress.
- **PM-48-23 - Rte. 288 in Chesterfield** - In Progress
- **PM-4R-23 - SGR Plant Mix - Southern Region (Primary)** - Anticipated start in Sept. 2023
- **PM-4S-23 - SGR Plant Mix - Northern Region (Primary)** - Anticipated start June 20, 2023



## 2024 Paving Program (*Tentative*)

- CY 2024 Lane Mile Target

Richmond District CY 2024 Lane Mile Targets			
Interstate	Primary	Secondary	Total
57	260	874	1191



- Expect an increase to the paving budget for CY 24
- ~22 Contracts to be advertised for CY 24 paving
  - Increased focus on Primary High Volume Roadways
  - Continued focus on Secondary
  - Sustain PM type work on Interstate

# Richmond District Bridge Program

- **Bridge Condition & Performance Targets**
- **FY23 & FY24 Tentative Bridge Projects**

# Bridge Update

## S&B Dashboard Summary Richmond District

### Structures in Good or Fair Condition

<b>Interstate</b> 98.1%	<b>Primary</b> 96.7%	<b>Secondary</b> 92.5%	<b>Urban</b> 87.9%	<b>All Systems</b> 94.5%
Target 97%	Target 93%	Target 90%	Target 90%	
6 Above	29 Above	29 Above	4 Needed	

### Weighted Ave GCR by Importance Factor

<b>Interstate</b> 5.84	<b>Primary</b> 6.01	<b>Secondary</b> 6.16	<b>Urban</b> 5.96	<b>All Systems</b> 5.99
Target 5.6	Target 5.6	Target 5.6	Target 5.6	

### Project Score Detail

Road System	Current Poor <4	Current Fair 5	Current Fair 6	Current Good 7+	Total Structures
Interstate	10	195	289	25	519
Primary	26	264	362	132	784
Secondary	87	310	436	328	1,161
Urban	20	38	78	29	165
<b>Total</b>	<b>143</b>	<b>807</b>	<b>1,165</b>	<b>514</b>	<b>2,629</b>

# District Structure & Bridge

## Late FY23 thru FY24 Tentative Preventive & Restorative Maintenance Program

<u>Preventive &amp; Restorative Projects</u>		<u>Estimate</u>	<u>Advertisement</u>
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #1	\$ 1,500,000	June. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #2	\$ 5,000,000	July. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #3	\$ 2,500,000	Oct. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #4	\$ 3,000,000	Oct. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #5	\$ 2,500,000	Dec. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #6	\$ 2,800,000	Dec. 2023
IIJA	Richmond Year 1 Interstate Deck and Super. Repair #7	\$ 4,000,000	Dec. 2023
M&O	Deck Washing Contract	\$ 430,000	TBD
M&O	Deck and Joint Contract	\$ 350,000	TBD
M&O	Lighting Maintenance Contract	\$ 1,750,000	TBD
M&O	Bridge Crew Routine Maintenance	\$ 7,000,000	TBD
M&O	Pipe Spray Lining Contract	\$ 2,900,000	Jun. 2023
M&O	Steel Repair Contract	\$ 1,750,000	July 2023
M&O	On-Call Pipe Liner Contract	\$ 1,500,000	Aug. 2023
M&O	Approach Repair Contract	\$ 2,000,000	Dec. 2023
<b>Total Preventive &amp; Restorative Maintenance</b>		<b>\$ 38,980,000</b>	

## District Structure & Bridge

### Late FY23 thru FY24 Tentative Replacement & Rehabilitation Projects

#### Replacement/Rehabilitation Projects

		<u>Estimate</u>	<u>Advertisement</u>
SGR	Lynnhaven Street Bridge Improvements	\$ 1,700,000	May 2023
SGR	Rte. 703 over CSX ROW Rehabilitation	\$ 2,200,000	Aug. 2023
SGR	Sycamore St. over Lieutenant Run	\$ 570,000	Aug. 2023
SGR	Rte. 641 over CSX Trans. & DGSCSR	\$ 14,100,000	Sept. 2023

#### Future Upcoming Projects

		<u>Estimate</u>	<u>Advertisement</u>
SGR	Design Build Bridge Bundle	\$ 100,000,000	Jun. 2024
SGR	Mayo's Bridge Superstructure Replacement	\$ 90,000,000	Jul. 2027

**Total Replacement/Rehabilitation (thru FY24) \$ 18,570,000**

## Late FY23 thru FY24 New Construction Structure & Bridge Program (Tentative)

<u>Special Structures Projects</u>		<u>Estimate</u>	<u>Advertisement</u>
SS – VEB*	Replace Conduit and Navigation Lights	\$579,000	Underway
SS – VEB*	Replace Elastomeric Bearings	\$7,310,500	Underway
SS – VEB*	Deck Overhang Repairs and Waterproofing	\$6,830,000	Underway
SS - VEB	Repair/Supplemental Foundation N. Approach	\$20,116,000	May. 2024
* Denotes projects bundled for advertisement			
SS - BHB	Span Lock Replacement	\$3,500,000	June. 2023
SS - BHB	New Fender System	\$22,300,000	July 2023

**Total Replacement/Rehabilitation**

**\$ 60,635,500**

# **Richmond District Routine Maintenance Programs**

# Routine Maintenance Performance Metrics

Guided by 2019 M&O Comprehensive Review

Asset	Maintenance Work	Annual Performance Target
<i>Pipes</i>	<i>Clean, Repair, Replace, Inspect</i>	<i>20% Inventory</i>
<i>Ditches</i>	<i>Clean, Re-grade, Inspect</i>	<i>20% Inventory</i>
<i>Trees</i>	<i>Trimming/Pruning</i>	<i>6% Inventory</i>
<i>Unpaved Shoulders</i>	<i>Repair, Machining, Stone</i>	<i>20% Inventory</i>
Turf	Machine and Hand Mowing	~228% Inventory
SWM Basins	Mowing/Cleaning	200% Inventory
Unpaved Roads	Machining/Dust control	400% Inventory



- Increased statewide focus for FY24
- Additional district funding
- Monitored independently from other tasks



## Contact Information

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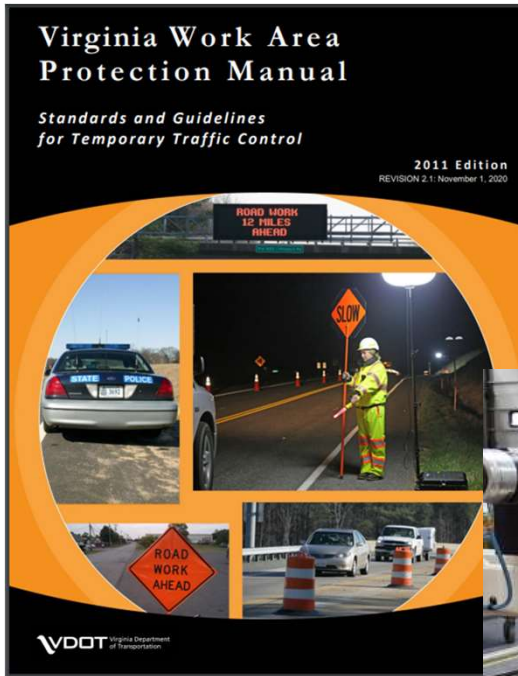




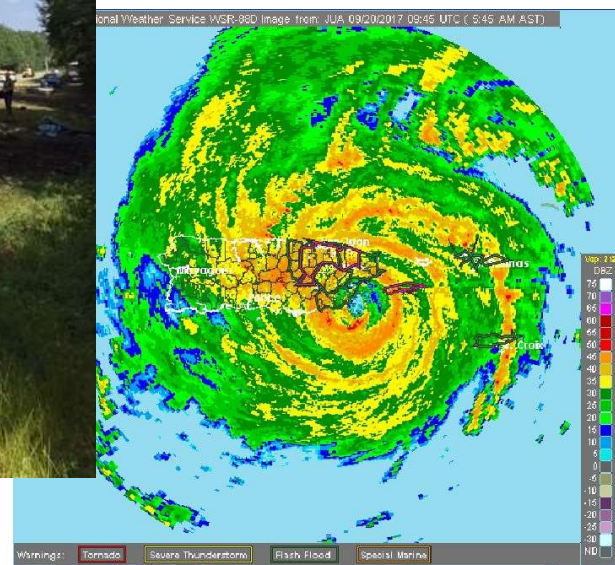
**Robb Alexander, P.E.**  
Traffic Operations Director

May 25, 2023

# Traffic Operations



# Traffic Operations



## 2023 Priorities

- **Safety of our employees, contractors, public**
- **Re-procure Traffic Engineering On-Call consultant contract**
  - **Richmond District only**
- **Various safety initiatives (HSIP)**
- **Strengthen TOC/SSP team**
- **Fill vacant VDOT positions**
- **Accelerate work whenever possible**
- **Data driven review of allowable work hours**
  - **Provide max flexibility in contracts**

# Pedestrian Safety

- **Crosswalks**
  - High visibility crosswalks
  - Rapid Rectangular Flashing Beacons (RRFB)
- **Traffic signals**
  - Pedestrian countdown indications
  - Audible Pedestrian Signals (APS)
- **Lighting**



## On-Call Contracts

- **Historically had contracts for many assets – traffic signals, pavement markings, signs, lighting, cameras, etc.**
- **Contractors declining renewals, few bidders, high bids**
- **No means of price escalation**
- **Looking at ways to better share risk**
  - **Design - bid - build**
  - **Smaller advertisements**
  - **More accurate bid items and quantities**
  - **Other ideas??**



## Traffic Operations Planned Projects Richmond District

<i>Project Description</i>	<i>Estimated Project Advertisement</i>	
	<i>2023</i>	<i>2024</i>
<i>UPC 122598, Curb Ramps and Pedestrian Signals</i>	<i>\$3.5M</i>	
<i>UPC 107038, Replace Traffic Signals</i>		<i>\$3.4M</i>
<i>Install CCTV Cameras (I-95)</i>	<i>\$6M</i>	
<i>UPC 115888, Systemic Pedestrian Crossing</i>		<i>\$1M</i>
<i>UPC 119760, Install CCTV and Fiber-optic - I-64 west end</i>	<i>\$5M</i>	
<i>UPC 113867, Wrong Way Mitigation at Ramps</i>	<i>\$1.3M</i>	
<i>UPC 123037, Signs &amp; Sign Structures</i>	<i>\$1.6M</i>	
<i>UPC 122994, Guardrail</i>	<i>\$1M</i>	

# Contact Information

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(804) 609-5332

Big Meadows Lodge

Skyline Drive  
Milepost 51





# **RICHMOND DISTRICT DIALOGUE 2023**

Construction Update

**Robert Poutier, P.E.**  
District Construction Engineer

May 25, 2023

# 2023 Richmond District Dialogue

## VDOT Construction Staff:

- **Mega Projects Engineer - Scott Fisher, P.E.**
  - RCE: Eric Thornton, P.E.
- **District ACE – Chris Copeland, P.E.**
  - CM: John Shores
- **Northern Region ACE - Brian Ramsey, P.E.**
  - CMs: Jimmy Morris, Marcos Kocolis, Jeff Yeatts, Michael Dennehy
- **Central Region ACE - Jeremy Cobb, P.E.**
  - CMs: Chip Frazer, Corey Murphy, Steve Sears
- **Southern Region ACE - Susan Warr, P.E.**
  - CMs: Jessica Miller, Blake Smith, Charlene Fallen

# 2023 Richmond District Dialogue

## VDOT Staff Continued:

- **Locally Administered ACE - VACANT**
  - CMs: Derric Grimes, Cory Ramsey
- **District Materials Engineer - Thomas Schinkel, P.E.**
- **Project Controls Manager – Andrew Dyson**
  - Constructability Review Team: Eason Bailey
  - Contract Manager: Larry Ruiz
  - Business Support: Stacy Paulette
- **CRO Project Delivery ACE – Doug McAvoy, P.E.**
  - CM: Joseph Gwaltney

# 2023 Richmond District Dialogue

## Locally Administered Workload:

**CY 2023 Anticipate 46 Contracts w/ contract value of \$183M**

- **Chesterfield: 8 Projects - \$95M**
- **City of Colonial Heights: 4 Projects - \$6.5M**
- **Hanover: 1 Project - \$23M**
- **Henrico: 7 Projects - \$28M**
- **City of Hopewell: 2 Projects - \$3M**
- **City of Richmond: 9 Projects - \$7M**

# 2023 Richmond District Dialogue

## VDOT Administered Workload

**CY 2023 Anticipate 41 projects with a contract value of \$165M**

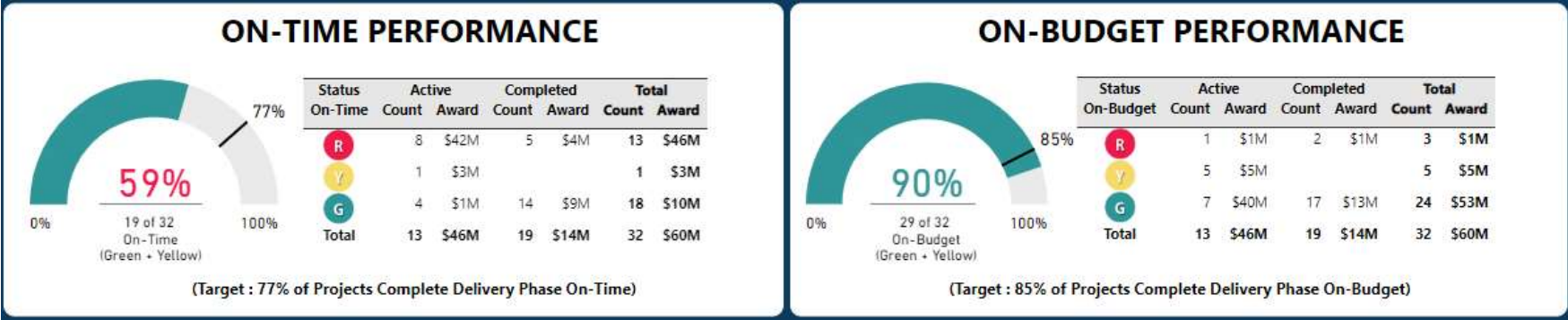
- 9 Bridge Contracts (9 Standalone)
- 22 Paving Schedules (20 Standalone, 2 On-Calls)
- 3 Roadway Contracts
- 7 CRO Contracts

**Total Active Contract Workload in CY 2023 = \$242M**

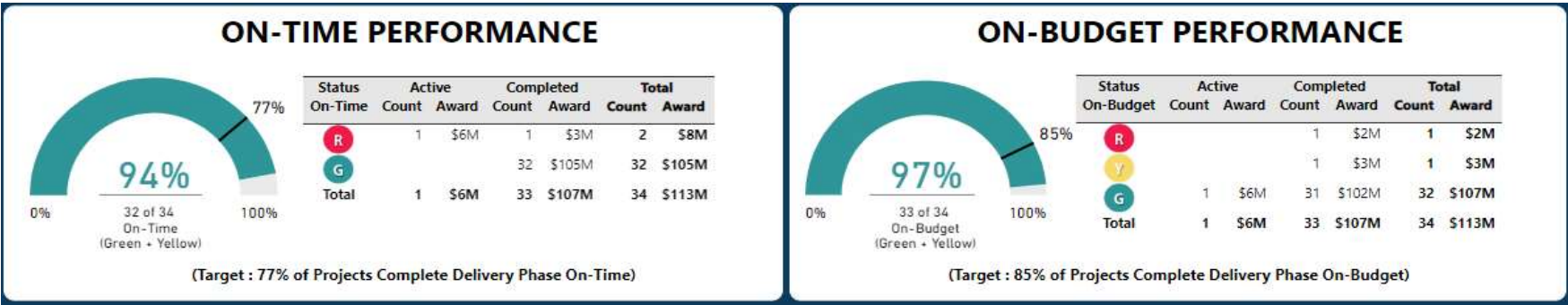


# 2023 Richmond District Dialogue

## FY 23 Local Dashboard



## FY23 VDOT Dashboard



# 2023 Richmond District Dialogue

## Keys to Success

- **Communication**
  - Routinely, Timely, Honest, Fact Based
- **Change Order Management**
  - Entitlement – Prove it
  - SIA Submission – Submit as quick as possible
- **Schedule Management**
  - Have a plan, discuss the plan, follow the plan
- **Problem Solve**
  - Partner to develop the solution
  - Work together

# 2023 Richmond District Dialogue

**Robert Poutier, P.E.**  
**Richmond District Construction Engineer**  
**Robert.Poutier@VDOT.Virginia.Gov**  
**(804) 892-5076**





# VDOT'S DESIGN-BUILD PROGRAM

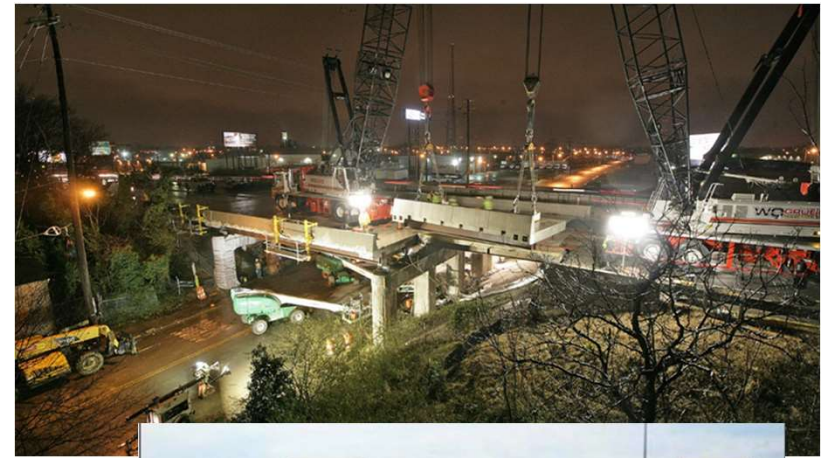
Richmond District Mega Projects

Scott Fisher, PE, CCM

May 25, 2023

# MEGA PROJECTS AT A GLANCE – Richmond District

- ❑ I-95 Bridge Bundle – *Under Construction*
- ❑ I-64 Gap
  - ❑ Segment A – *Active Procurement / NTP Sep 2023*
  - ❑ Segment B – *RFP June 2024*
  - ❑ Segment C – *RFP Nov 2023*
- ❑ Fall Line Trail
  - ❑ DB1- Hanover County – *Under Construction*
  - ❑ DB2- Appomattox River to Rte 10 – *RFP Dec 2023*
  - ❑ DB3- Rte 10 to Rte 1 – *RFP TBD 2024*
- ❑ Mayo's Bridge – *RFP Fall 2025*
- ❑ 5-Bridge Bundle (Richmond & Lynchburg) – *RFP Oct 2024*



# SUCCESSFUL DESIGN-BUILD PROJECTS (How To...)

- Collaboration between DB and VDOT
- Eliminate Adversarial Attitudes
- Trust
- Flexibility
- Focus on Quality
- “Litmus Test”
  - Meet Code and/or Policy?*
  - Is it Safe?*
  - Does it create a Maintenance issue?*
- Commitment to Environmental Compliance
- Create Effective Schedules
  - Accurate*
  - TWLA vs Monthly Updates*
  - ‘Explode’ the schedule*
  - Show Activity Durations <20 days*
- Advanced Work Packages
  - Maintenance Activities – No Plan*
- Read the RFP!

# SUCCESSFUL DESIGN-BUILD PROJECTS (Key Meetings)

- ❑ Informal Partnering before Kick-Off *Build the Relationship*
- ❑ Team-Oriented Mindset (VDOT and the DB need to have the same goal)
- ❑ Weekly Meetings *What are the “Roadblocks” in the DB’s path to success?*
- ❑ Monthly Progress
- ❑ *OTS Reviews*
- ❑ Preparatory Meetings
- ❑ Tailgate Meetings

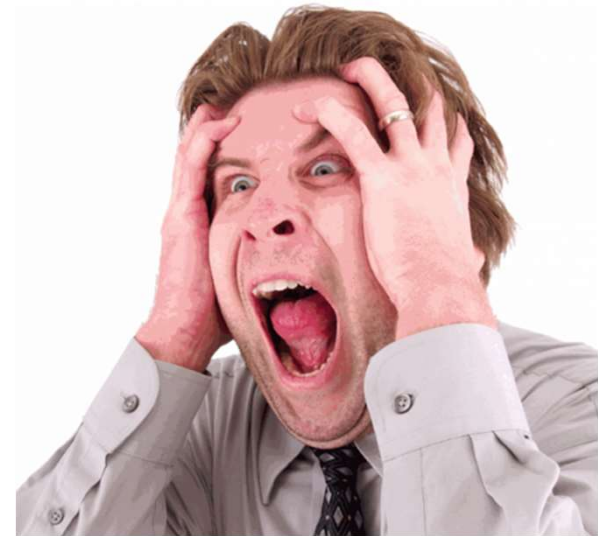




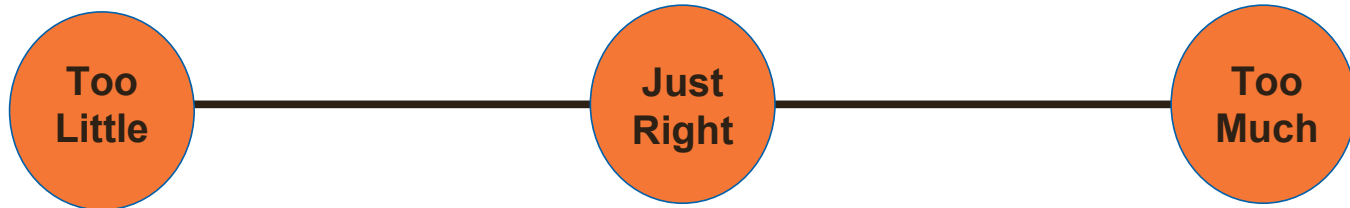
# SUCCESSFUL DESIGN-BUILD PROJECTS (Documentation)

- ❑ Thorough documentation for Pay Apps
- ❑ Use a Document Management System - i.e. SharePoint Online and PlanGrid
  - ❑ This will help with the chaos of all of the Submittals, Reviews, RFIs
  - ❑ Helps identify BIC!!!
  - ❑ Can quickly find documents
  - ❑ Upload to ProjectWise at project completion

\*\*\*At the end of the day, the only difference between a VDOT Design-Build project and a Design-Bid-Build project is who performed the work. The documentation is the same!



# SUCCESSFUL DESIGN-BUILD PROJECTS (VDOT Oversight)



## Too Little

- Take the QAM's word for it
- Don't review the Materials Notebook until the end of the project
- Wait for problems to happen
- Communicate with the QAM on a monthly basis
- Blame the QAM for anything that happens
- "Sit in the bunker and wait until the war is over"

## Just Right

- Receive QC & QA diaries and test results daily
- Receive traffic control diary and safety minutes weekly
- Visit the project regularly
- Review Materials Notebook Monthly
- Attend Preparatory Meetings
- Coordinate IA/IV inspection and testing
- Stay Engaged – Start Right & Finish Right!

## Too Much

- Assign VDOT inspectors or construction managers 24/7
- Not providing the QAM an opportunity to document problems and solutions
- Demanding solutions from QAM for issues beyond their control
- "Running the Show"

# SUCCESSFUL DESIGN-BUILD PROJECTS

Questions?

