

# VDOT – VTCA DISTRICT DIALOGUE

| Christopher G. Hall, P.E.

November 1, 2023



# VTCA / Hampton Roads District Dialogue

## Agenda

<b>Opening Remarks and Overview</b>	Christopher G. Hall, PE
Safety	Victor Bradford
<b>Development &amp; Delivery Overview</b>	Michael Davis, PE, CCM
Preliminary Engineering	Bruce Duvall, PE
Construction	John Jacobs, PE, PMP
Major Projects	Rick Correa, PE
<b>Maintenance &amp; Operations Overview</b>	Allison Richter, PMP
Maintenance	Bill Collier
Special Structures	Shannon Ternes, PE
Operations	Kenneth Reynard, PMP
<b>Closing Remarks</b>	Christopher G. Hall, PE

# Who We Are

## Serving Hampton Roads With Excellence

### Establish Partnerships and Collaborations



### Leverage New Technologies and Ideas

Eliminate "Stovepipes"



Simplify Processes



### Be Customer Focused and Transparent



Hampton Roads Traffic Operations Center



Safety Service Patrol



Jamestown-Scotland Ferry



Project Information Websites



Winter Storm Response



Major Project Newsletters



# District Leadership

**CHRISTOPHER G. HALL, PE**  
DISTRICT ENGINEER

**CARLA WILLIAMS**  
ADA BUSINESS

**ALLISON RICHTER, PMP**  
DEPUTY DISTRICT ADMINISTRATOR

**MIKE DAVIS, PE, CCM**  
DEPUTY DISTRICT ENGINEER

**RYAN BANAS, PE**  
HRBT EXPANSION PROJECT  
DIRECTOR

**BRITTANY MCBRIDE**  
COMMUNICATIONS MANAGER

**KEN REYNARD, PMP**  
DISTRICT OPERATIONS DIRECTOR

**TODD HALACY, PE**  
ADA PLANNING AND INVESTMENT

**PETER REILLY, PE**  
DEPUTY DIRECTOR

**BILL COLLIER**  
ADA MAINTENANCE

**BRUCE DUVALL, PE**  
ADA ENGINEERING

**CHRIS ISDELL**  
ACCOMAC RESIDENCY  
ADMINISTRATOR

**JOHN JACOBS, PE, PMP**  
ADA CONSTRUCTION

**PAUL MATTICKS**  
FRANKLIN RESIDENCY  
ADMINISTRATOR

**RICK CORREA, PE**  
DIRECTOR MAJOR PROJECTS

**ROSSIE CARROLL**  
WILLIAMSBURRG RESIDENCY  
ADMINISTRATOR

**SHANNON TERNES, PE**  
SPECIAL STRUCTURES ENGINEER

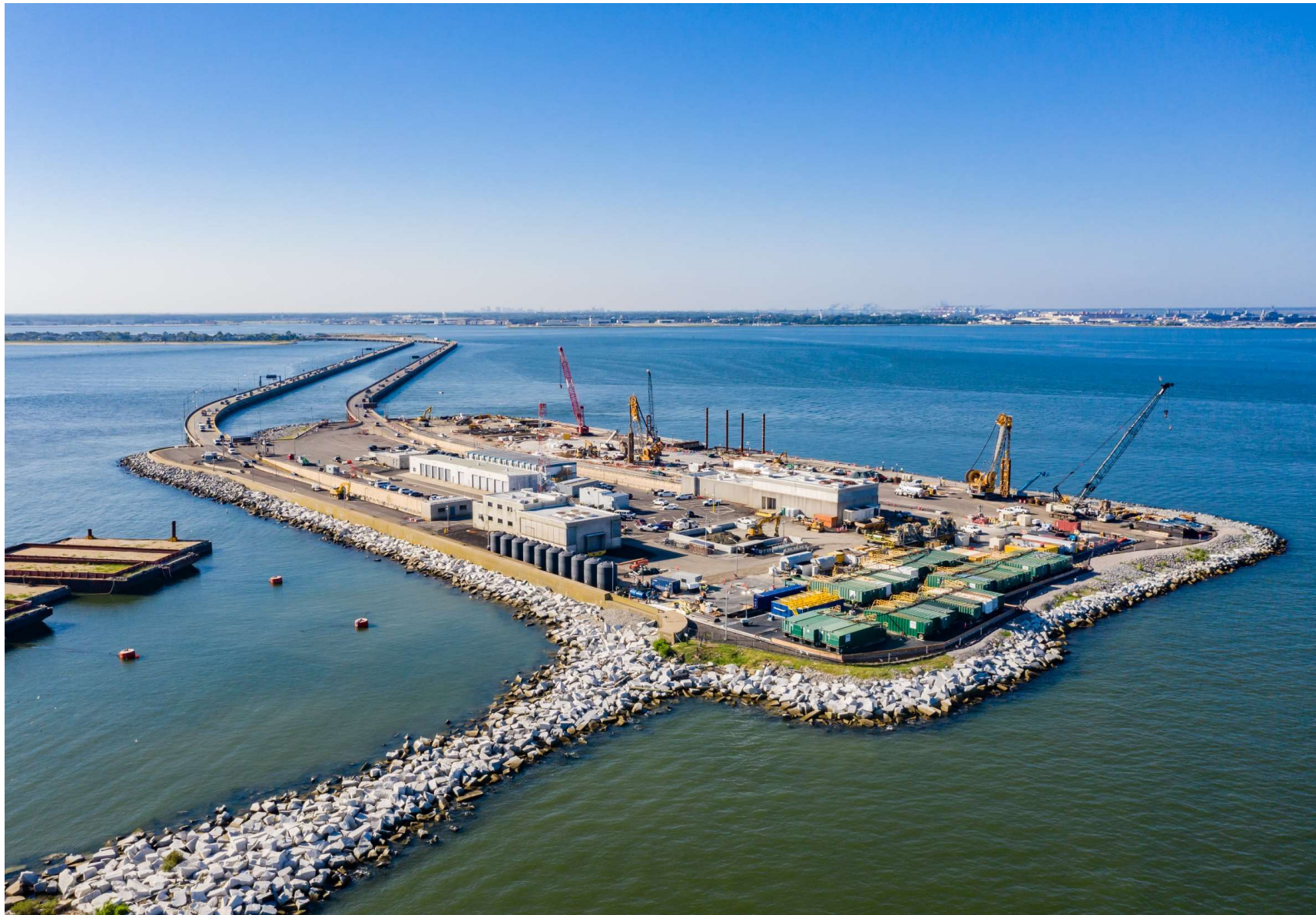
## Hampton Roads District



Administered By	Project Count	Estimated Value
Locally Administered	604	\$2,887,839,000
VDOT Administered	268	\$7,386,146,000
DRPT, Other	77	\$1,095,309,000
<b>Total</b>	<b>949</b>	<b>\$11,369,294,000</b>

**\*\*Active Projects through FY 2029**

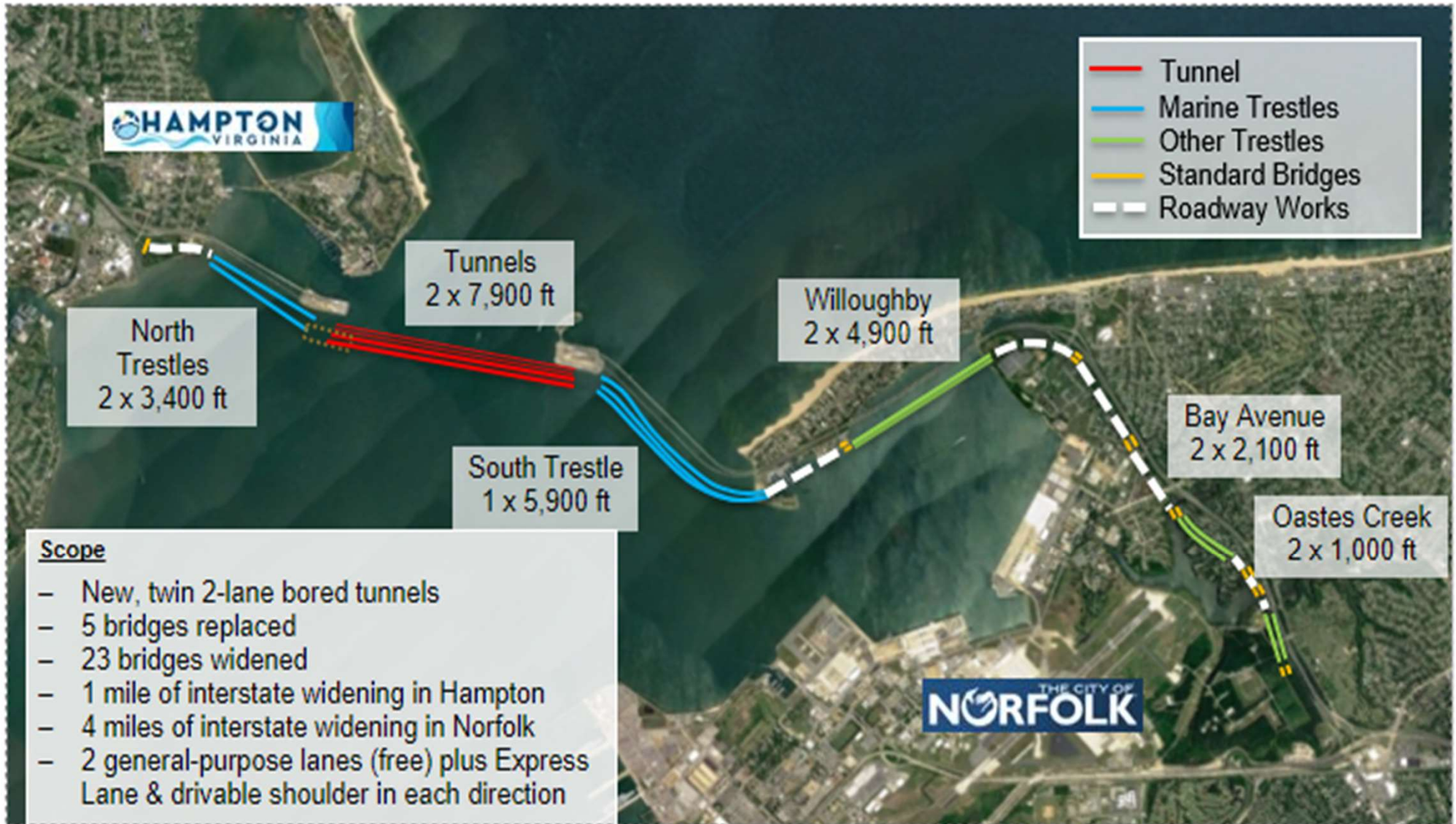
# HRBT Expansion Project





# HRBT Expansion

## Project Scope: More than Just a Tunnel



# HRBT Expansion Tunneling Update



- Mining began in April 2023
- 2,332 feet mined
- 343 rings in place
- 1-year evolution
- First tube 30% complete
- Segment construction 88% cast
- Expected breakthrough in spring 2024



# I-64 Express Lanes Reversible Roadway & Hampton Roads Express Lanes Operations



- **24 Hours, 7 Days a Week**
  - Ultimately, all HREL segments to operate 24/7 as Express Lanes
  - First Segments to Begin 24/7 Operations – Late 2023/Early 2024
    - Existing Norfolk Reversible Express Lanes
    - New Chesapeake Segment (between Bowers Hill interchange and I-264)
  - Real-Time Dynamic Tolling
    - Traffic Management through Price Fluctuations to Improve Traffic Flow in the Express Lanes *and* General-Purpose Lanes
- **Solo Driver, Multiple Choices:**
  - Choose to Pay Variable Toll to Utilize the Express Lanes
  - Use General Purpose Lanes for Free
  - Carpool with Others; **HOV-2 Vehicles Still Travel Toll-Free with E-ZPass Flex Transponder Switched to “HOV-ON”**

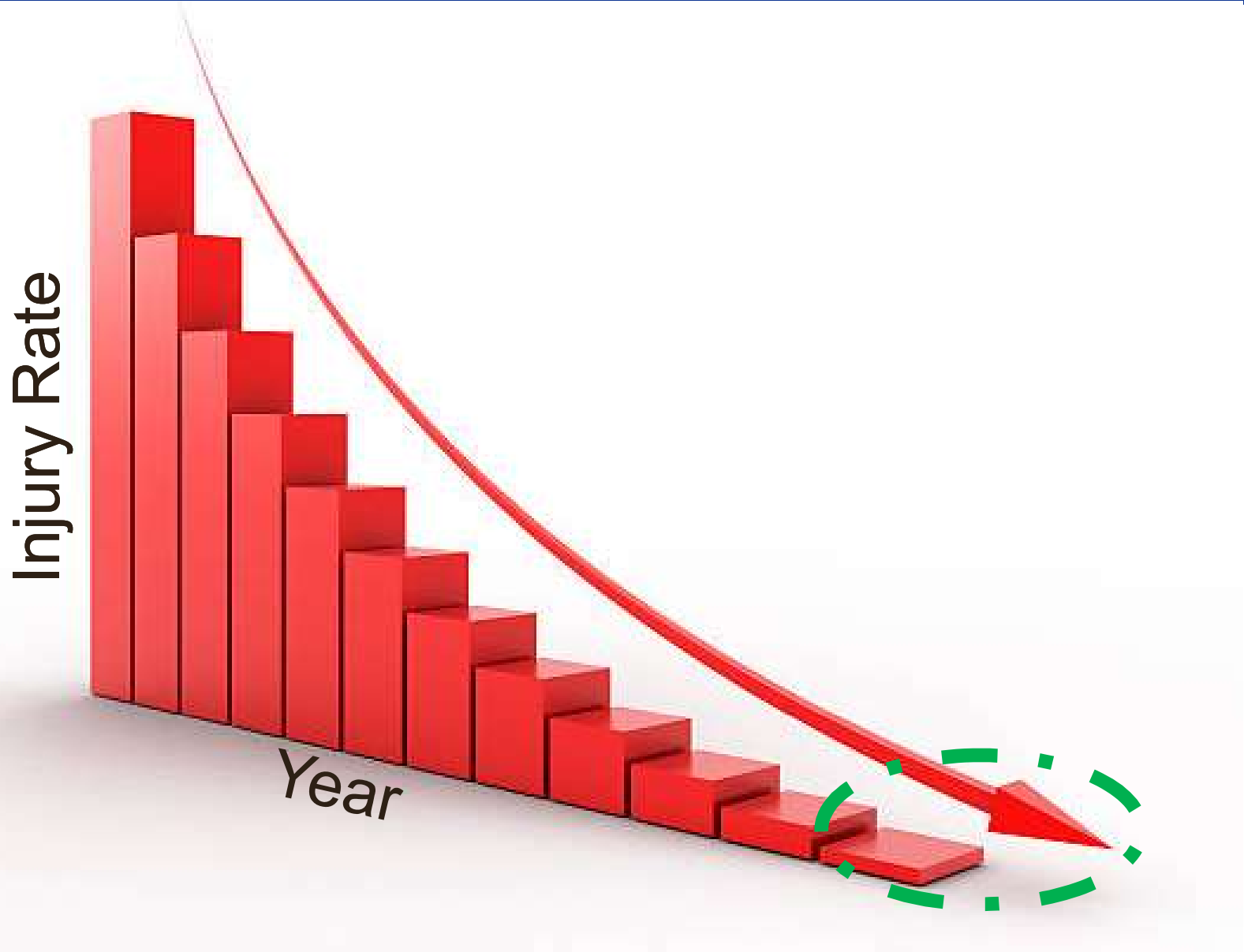


# SAFETY REVIEW

| Victor Bradford

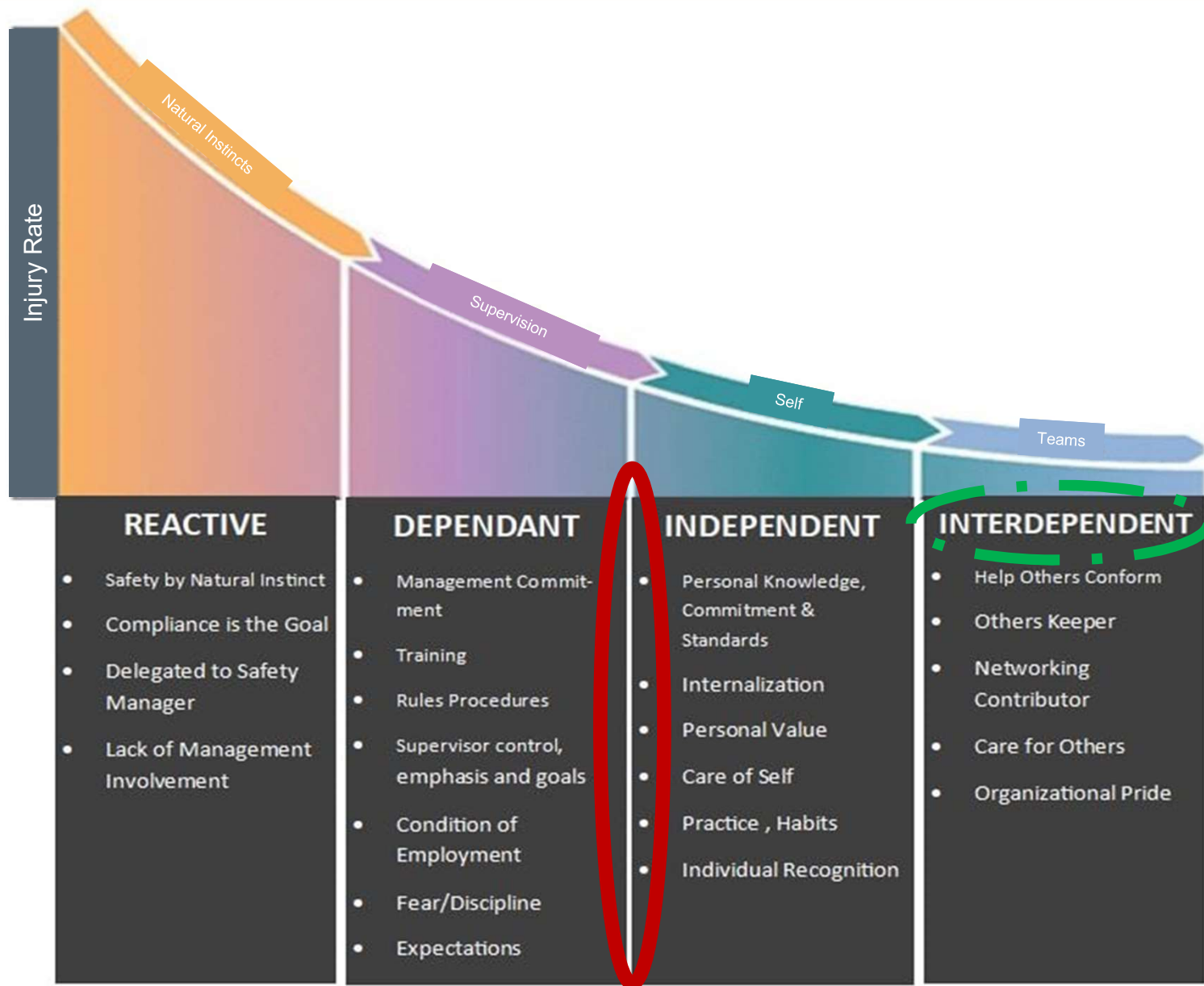
November 1, 2023

# Safety Statistics





# Interdependence



# How Do We Get There?



# Findings - Storage



**Improperly stored compressed gases**



# Findings - Labeling



**Unlabeled hazardous chemicals**

# Findings – Lifting Devices



**Illegible weight rating on lifting devices**



# Findings – Work Zones



**Incorrect work zone signage**

# Findings - PPE



**Damaged PPE**



# Findings – Employee Protection



**Missing protective caps on rebar**



# Findings - Equipment



**Unguarded equipment**

# Findings – Fall Protection



**Failure to use fall protection**



# OSHA – Top 10 Most Cited Standards for FY 2022



**1** Fall Protection:  
General Requirements  
1926.501  
5,915 violations



**2** Hazard Communication  
1910.1200  
2,639 violations



**3** Ladders  
1926.1053  
2,449 violations



**4** Respiratory Protection  
1910.134  
2,412 violations



**5** Scaffolding  
1926.451  
2,251 violations



**6** Control of Hazardous  
Energy (Lockout/Tagout)  
1910.147  
2,139 violations



**7** Powered  
Industrial Trucks  
1910.178  
1,896 violations



**8** Fall Protection:  
Training Requirements  
1926.503  
1,762 violations



**9** Personal Protective and  
Lifesaving Equipment:  
Eye and Face Protection  
1926.102  
1,572 violations



**10** Machine  
Guarding  
1910.212  
1,469 violations

The logo for OSHA Fatal Facts is contained within a yellow rectangular box with a thin blue border. On the left side of the box is the OSHA logo, which consists of a stylized blue and grey circle followed by the text "OSHA" in a bold, black, serif font with a registered trademark symbol. To the right of the OSHA logo, the words "FATAL Facts" are written in a large, blue, serif font. "FATAL" is in all caps and "Facts" is in title case.

- Vehicle Accident
- Ladder Use
- Suspended Loads

# Closing



“I Chose to Look the Other Way”

- Don Merrell

# DEVELOPMENT AND DELIVERY OVERVIEW

| Michael R. Davis, P.E., CCM

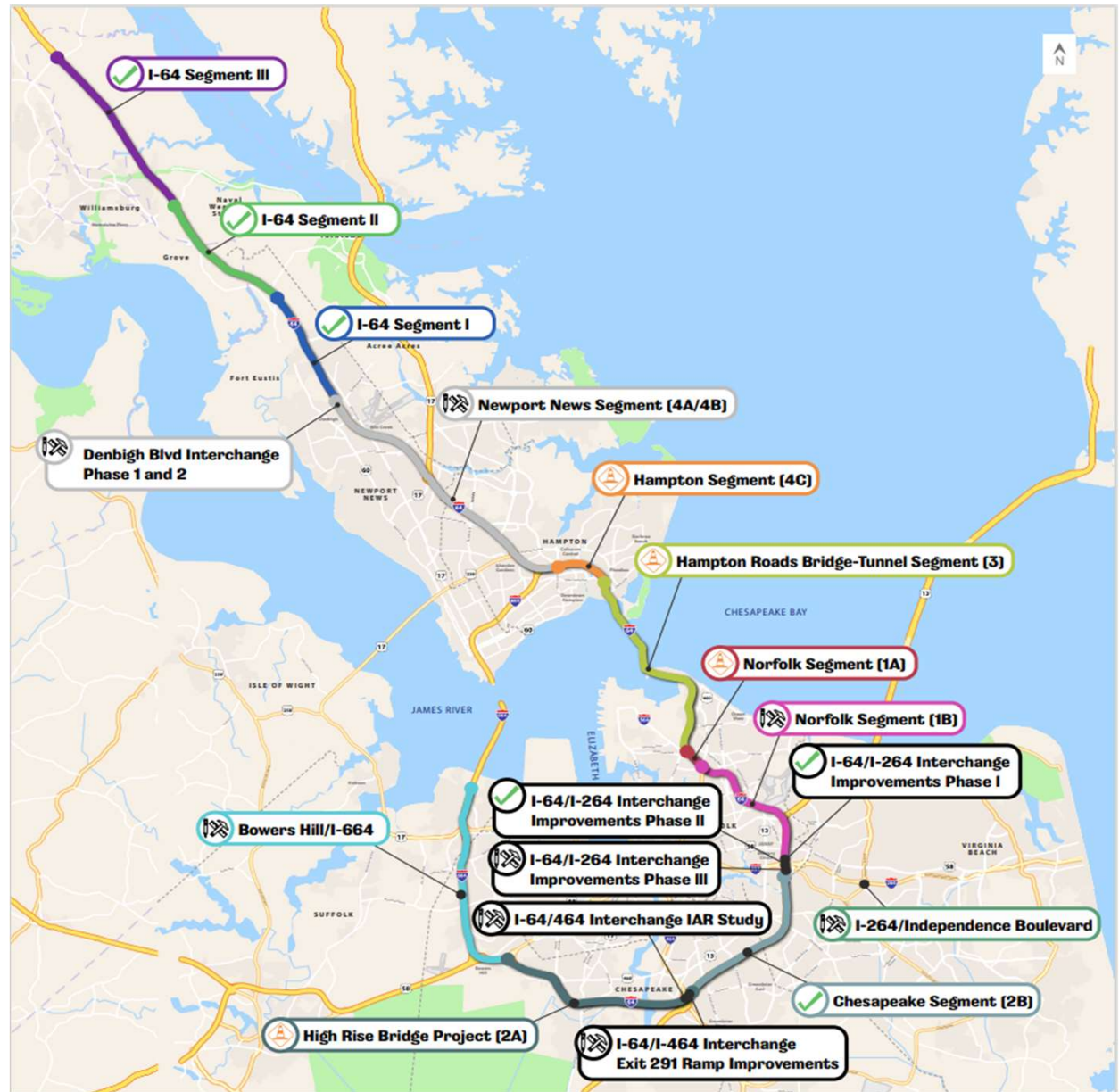
November 1, 2023

# Development & Delivery Overview

## Building the Future

From 2015 to  
the Present

Enabled by funding from:





# Development and Delivery Overview

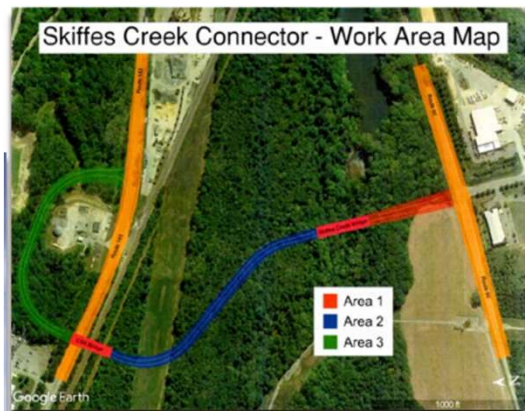
## Accomplishments



Projects	Construction Completed	Total Project Cost
I-64 Peninsula Widening Segment I, II, III	December 2021	\$516 M



Project	Construction Completed	Total Project Cost
264/64 Interchange Phase 1 & 2	November 2022	\$357 M



Project	Construction Completed	Total Project Cost
Skiffes Creek Connector	January 25, 2023	\$40.5 M



# Development & Delivery Team

Name	Email	Phone #
Michael R. Davis, PE, CCM Deputy District Engineer	<a href="mailto:Michaelr.davis@VDOT.virginia.gov">Michaelr.davis@VDOT.virginia.gov</a>	757-956-3032
Todd Halacy, PE Planning and Investment Manager	<a href="mailto:Todd.Halacy@VDOT.virginia.gov">Todd.Halacy@VDOT.virginia.gov</a>	757-956-3010
Bruce Duvall, PE District Project Development Engineer	<a href="mailto:Bruce.Duvall@VDOT.virginia.gov">Bruce.Duvall@VDOT.virginia.gov</a>	757-956-3054
John Jacobs, PE, PMP District Construction Engineer	<a href="mailto:John.Jacobs@VDOT.virginia.gov">John.Jacobs@VDOT.virginia.gov</a>	757-376-7561
Rick Correa, PE Major Projects Director	<a href="mailto:Ricardo.Correa@VDOT.virginia.gov">Ricardo.Correa@VDOT.virginia.gov</a>	757-635-2162

# Development & Delivery Overview

## Project Development and Delivery



**Todd Halacy**

Project Funding  
and Planning

**Bruce Duvall**

Project from  
planning to  
advertisement

**John Jacobs**

Project from  
Advertisement to  
Contract close out

**Todd Halacy**

Project Financial  
Close out

**Major Projects-** Projects funded by HRTAC:  
**Rick Correa-** Director of Major Projects  
**James Poff-** Major Projects Construction Engineer

# Development & Delivery Overview

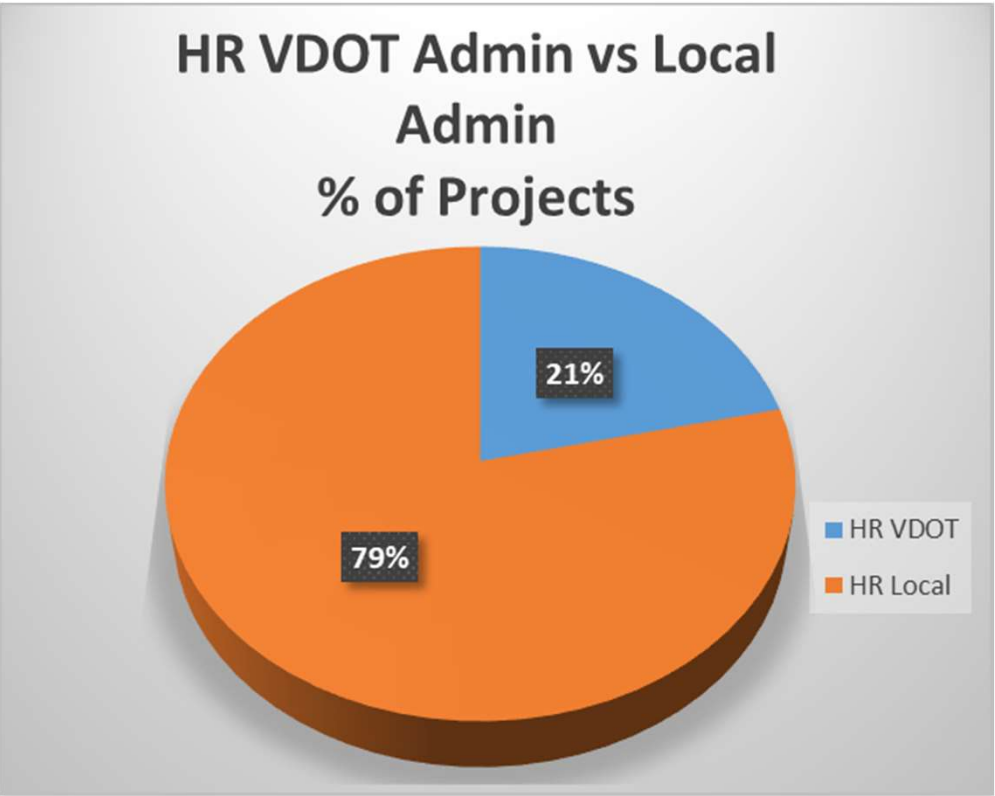
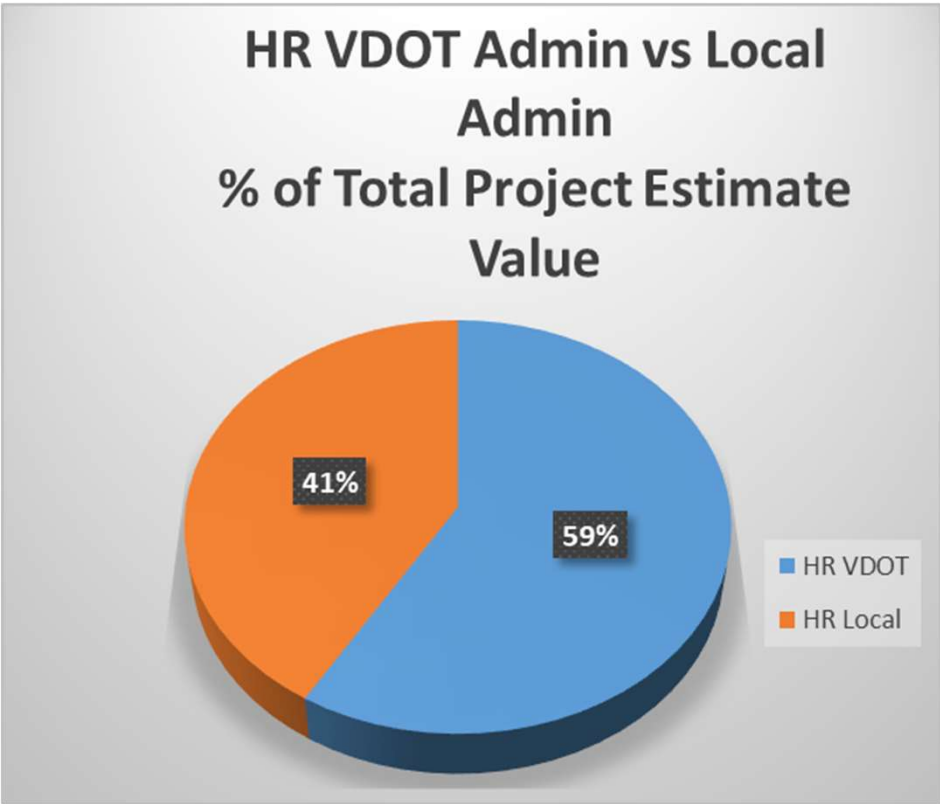
District	Amount under Contract	Percent of State Program
Bristol	\$561,065,232	14.30%
Culpeper	\$107,066,097	2.73%
Fredericksburg	\$261,427,285	6.66%
<b>Hampton Roads</b>	<b>\$1,146,887,020</b>	<b>29.23%</b>
Lynchburg	\$82,418,124	2.10%
Northern VA	\$600,438,572	15.30%
Richmond	\$256,589,900	6.54%
Salem	\$626,615,313	15.97%
Stauton	\$281,050,399	7.16%
<b>Total</b>	<b>\$3,923,557,942</b>	

## Construction – VDOT Administered



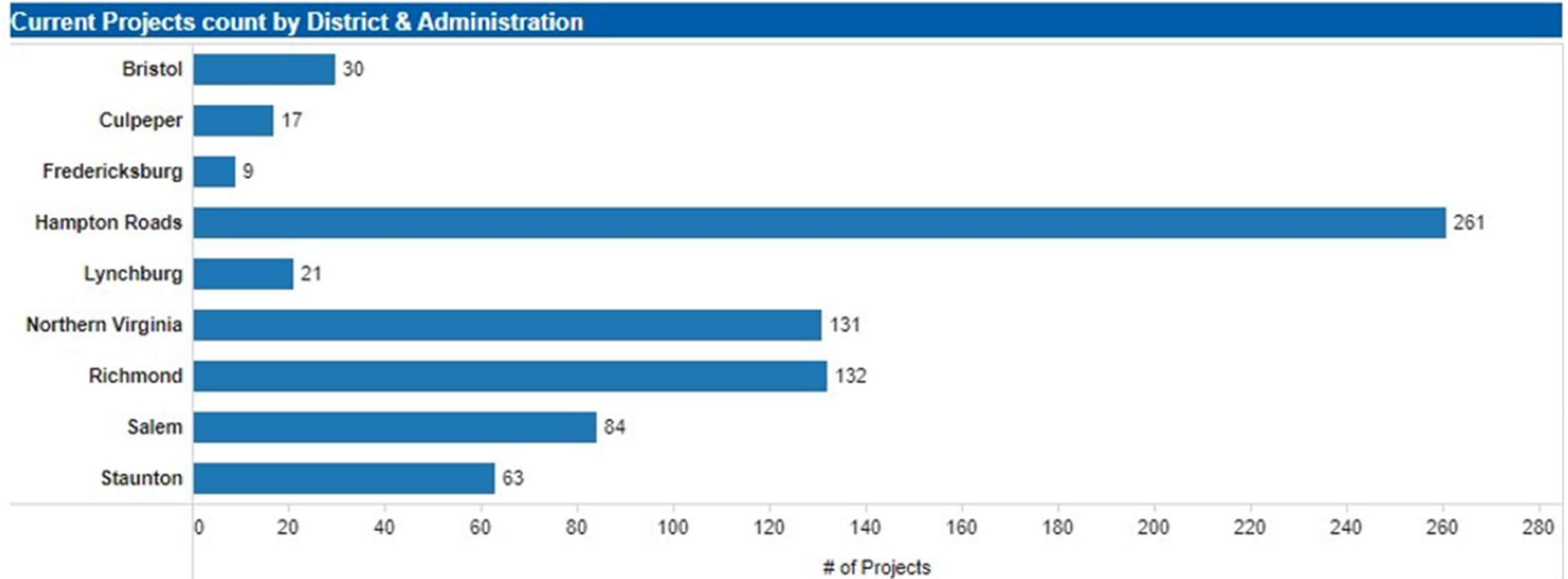
- Does not include HRBT Expansion Project: **\$3,375,204,586**
- Does not include P3 Projects

## Construction – Locality Administered District vs Locality



# Development & Delivery Overview

## Construction – Locality Administered District vs State



By Project Count- 35% of State Program

By Project Estimated Value- 32% of State Program

# PROJECT DEVELOPMENT

| Bruce L. Duvall, P.E.

November 1, 2023



# Engineering / Development Team

Name	Email	Phone
<b>Bruce Duvall, PE</b> District Project Development Engineer	Bruce.Duvall@VDOT.Virginia.Gov	757 956-3054
<b>Emmanuel Darko, PE, PMP</b> District L&D Engineer	Emmanuel.Darko@VDOT.Virginia.Gov	757 956-3261
<b>Larry Brownley, LS-B, PLS</b> District Survey Manager	Larry.Brownley@VDOT.Virginia.Gov	757 925-2657
<b>Melissa Wolford</b> District Environmental Manager	Melissa.Wolford@VDOT.Virginia.Gov	757 956-3184
<b>Jennifer Dail</b> District NPDES & MS4 Coordinator	Jennifer.Dail@VDOT.Virginia.Gov	757 956-3275
<b>Alan Williams</b> Regional Operations Project Administrator	Alan.Williams@VDOT.Virginia.Gov	757 818-1906

# Projects Advancing to Advertisement

Fiscal Year	Scheduled Advertisements VDOT Administered	Estimated Value
2024	25	\$ 669 M
2025	6	\$ 53 M
2026	13	\$ 406 M
2027	11	\$ 179 M
2028	11	\$ 369 M

Scheduled Advertisements Locally Administered	Estimated Value
57	\$ 217 M
35	\$ 132 M
60	\$ 184 M
44	\$ 172 M
34	\$ 173 M

Scheduled Advertisements TOTAL	Total Value
82	\$ 886 M
41	\$ 184 M
73	\$ 590 M
55	\$ 351 M
45	\$ 542 M



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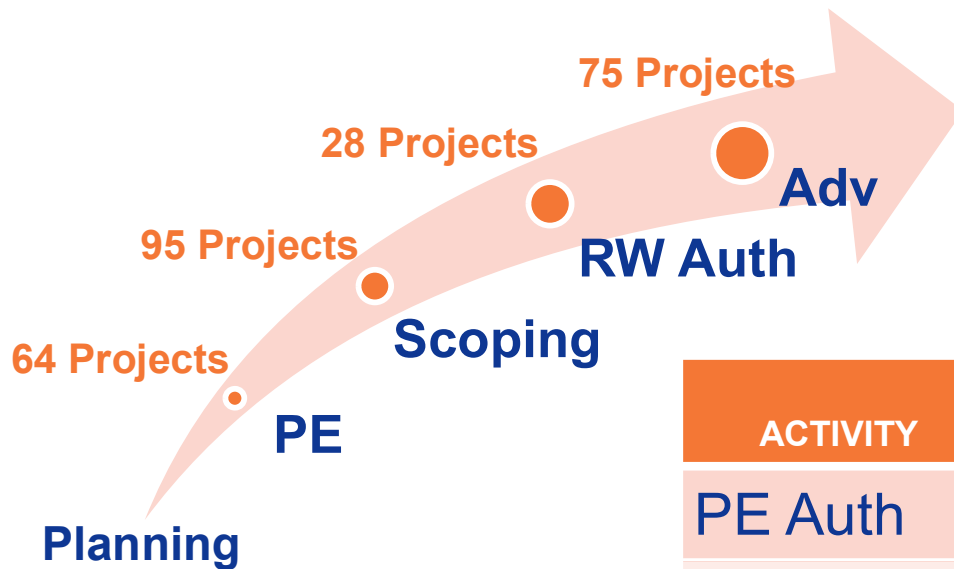
**\$2.5B**  
Over Next 5-Years

# Program Overview

## 12-Month Forecast of Milestone Accomplishments

Total Value of Projects = \$ 930 M

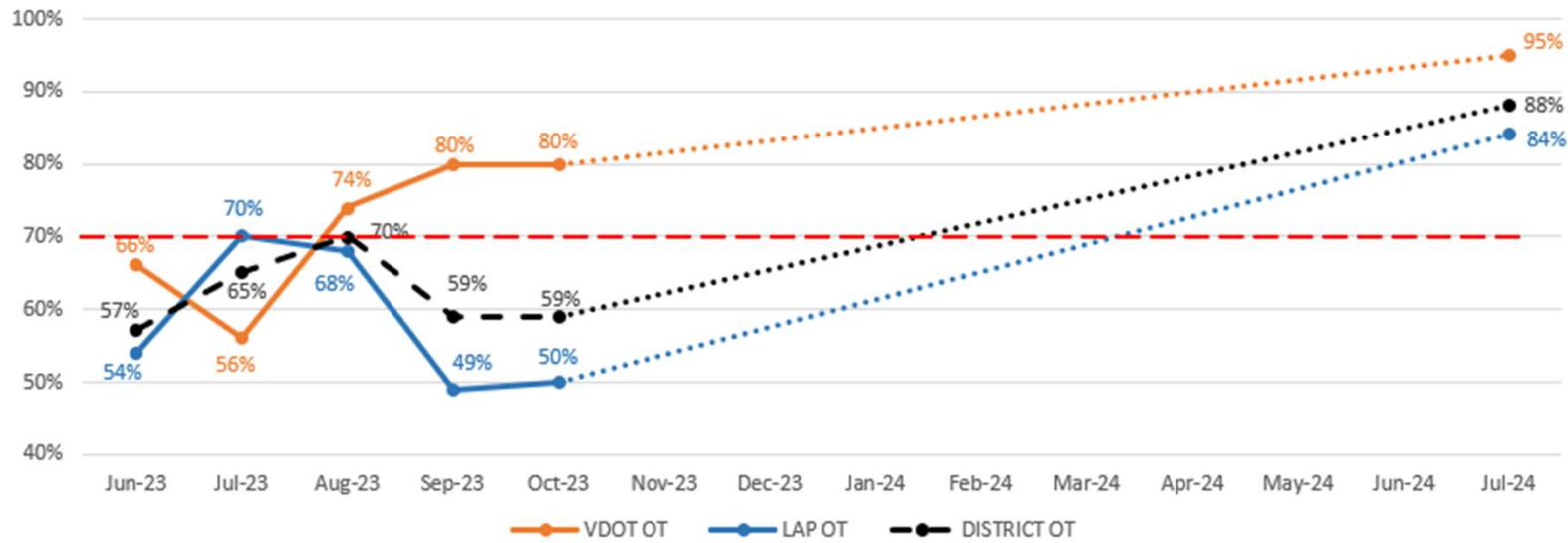
Construction



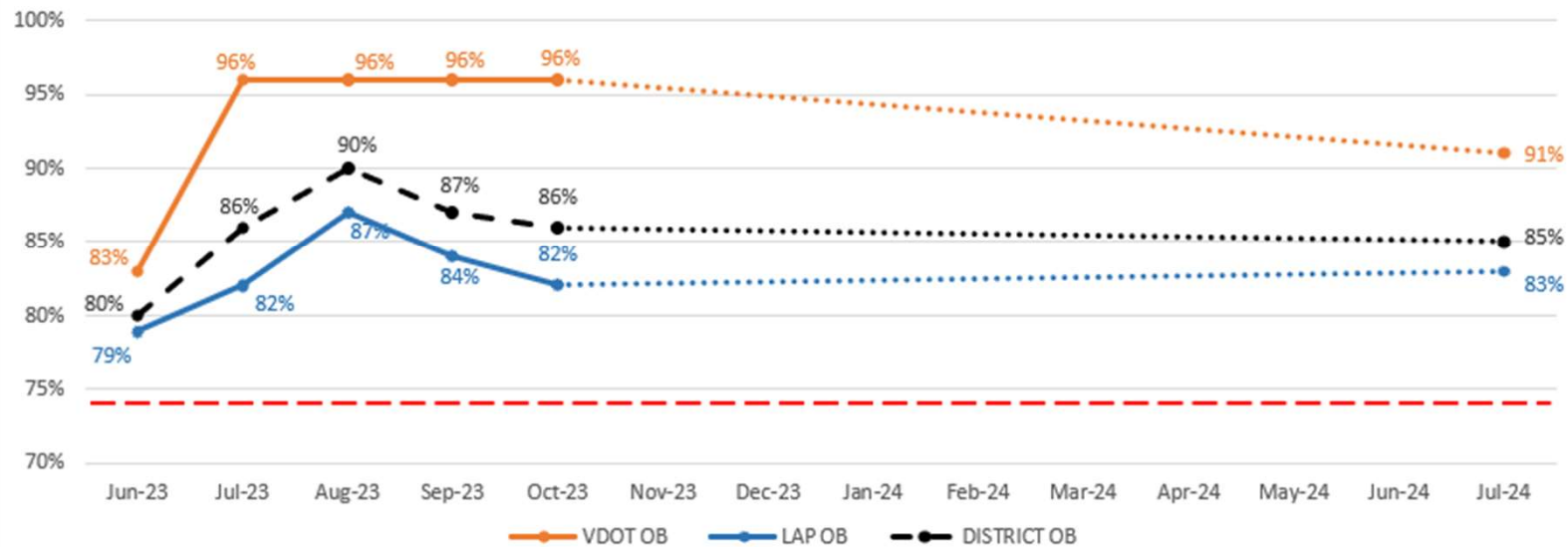
ACTIVITY	VDOT MANAGED	LAP MANAGED	TOTAL
PE Auth	7	57	64
Scoping	21	74	95
RW Auth	2	26	28
Advertise	23	52	75
<b>VALUE</b>	<b>\$ 752 M</b>	<b>\$ 178 M</b>	<b>\$ 930 M</b>

# FY24 Dashboard Performance

## Target: 70% of Projects On-Time



## Target: 74% of Projects On-Budget



# Project Development

## Select Tier 1 Projects (under \$10M in Construction Value)

Project	Construction Estimate	Advertisement
<b>Portsmouth Traffic Signal Upgrades</b> <i>LAP Administered - Portsmouth</i>	\$ 4M	Winter 2024
<b>PM-5S-24 Asphalt Resurfacing Interstate</b> <i>VDOT Administered – Norfolk</i>	\$ 4M	Spring 2024
<b>Route 171 Widening between Route 17 and Route 134</b> <i>VDOT Administered – York County</i>	\$ 3.2M	Spring 2024
<b>Elbow Road over Spillway at Norfolk Reservoir</b> <i>LAP Administered - Chesapeake</i>	\$ 7.3M	Spring 2024
<b>PM-5B-24 Asphalt Resurfacing Primary</b> <i>VDOT Administrated – District-Wide</i>	\$ 2.5M	Spring 2024
<b>Nansemond Parkway over Beamons Mill Pond</b> <i>LAP Administered - Suffolk</i>	\$ 3.6M	Summer 2024
<b>N Armistead Ave Recon, Ped, &amp; Drainage Improvements</b> <i>LAP Administered - Hampton</i>	\$ 4.6M	Fall 2024



# Project Development

## Select Tier 2 Projects (over \$10M in Construction Value)

Project	Construction Estimate	Advertisement
<b>SPSA Interchange Improvement</b> <i>VDOT Administered – Suffolk</i>	\$ 33.2M	Winter 2024
<b>Nike Park Road Extension – Reynolds Drive to Route 17</b> <i>VDOT Administered – Isle of Wight</i>	\$ 15.7M	Spring 2024
<b>Centerville Turnpike Widening Phase 2</b> <i>LAP Administered - Chesapeake</i>	\$ 56.2M	Summer 2024
<b>Hampton Roads Express Lanes Segment 1B</b> <i>VDOT Administered – Norfolk</i>	\$ 203M	Fall 2024

# Project Development

## Select Projects – Calendar Year 2025

Project	Construction Estimate	Advertisement
I-64 / Denbigh Interchange Phase 1 WB <i>VDOT Administered – Newport News</i>	\$ 59M	Winter 2025
George Washington Highway Widening <i>LAP Administered – Chesapeake</i>	\$ 38M	Winter 2025
St. Paul's Roadway Improvements - Phase 2 <i>LAP Administered - Norfolk</i>	\$ 27M	Spring 2025
Rosemont Road Phase V <i>LAP Administered – Virginia Beach</i>	\$ 26M	Summer 2025
Rte 134 over Route 17 Bridge Rehab (Fed ID 19853) <i>VDOT Administered - York County</i>	\$ 6M	Fall 2025
Route 17 (Bridge Road) Roadway Widening <i>LAP Administered - Suffolk</i>	\$ 8M	Fall 2025
Rte 614 over Seacock Swamp Replacement (Fed ID 17781) <i>VDOT Administered – Southampton County</i>	\$ 5M	Fall 2025

# Other Active Projects

Project	Location	Status	Project Cost (\$M)
Air Terminal Interchange – Western Intersection	Norfolk	Public Hearing	\$ 24
I-64 / Denbigh Interchange Phase 2 EB	Newport News	Scoping	\$ 188
I-64 HREL Segment 4A/4B	Newport News / Hampton	Advertise	\$ 172
I-64 / I-464 Interchange IAR	Chesapeake	Study (IAR)	TBD
I-264 / Independence Interchange Improvements	Virginia Beach	Study (IAR)	TBD
I-64 / I-264 Interchange Phase III-A	Norfolk	Design	\$ 470
HREL Segment 3 Tolling Infrastructure	Hampton / Norfolk	Design	\$ 35

# Professional Services Procurement

## 2024 District Opportunity

- ✓ **Hampton Roads Program Support Services (Engineering Services) Advertisement – Fall 2024**



## REQUEST FOR PROPOSAL

Hampton Roads District  
Program Support Services  
(Engineering Services)

RFP No. HRD – 2024





## Home / Business / Professional Services Procurement

▶ [Travel Center](#) ▶ [Newsroom](#) ▶ [Info Center](#) ▶ [Business Center](#) ▶ [Programs](#) ▶ [Projects & Studies](#)



Search this site



### Traffic Information

511 offers real-time traffic info. Anytime you need it, anywhere you are.



### Virginia Roads

Your one-stop source for VDOT maps, data and project info.



### ▶ Professional Services Procurement

The Virginia Department of Transportation (VDOT) procures professional services contracts for transportation projects through competitive negotiation, a selection method defined in the VPPA §2.2-4300 and in accordance with the most current professional services procurement manual.

These services are primarily procured by the following divisions:

- [Alternative Project Delivery](#)
- [Construction](#)
- [Environmental](#)
- [Location and Design](#)
- [Materials](#)
- [Right of Way and Utilities](#)
- [Structure and Bridge](#)
- [Traffic Engineering](#)
- [Transportation and Mobility Planning](#)

Questions and comments about the program should be sent to Tracy Wood at [Tracy.Wood@VDOT.Virginia.gov](mailto:Tracy.Wood@VDOT.Virginia.gov).

# CONSTRUCTION OVERVIEW

| John F. Jacobs III, P.E., PMP

November 1, 2023

# District Construction Team



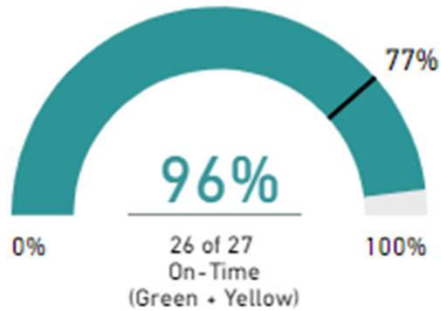
Name	Email	Phone #
John Jacobs, PE, PMP District Construction Engineer	John.Jacobs@VDOT.virginia.gov	757-376-7562
John Arms, PE, CCM Area Construction Engineer	John.Arms@VDOT.virginia.gov	757-494-5472
Greg Brown, PE Area Construction Engineer	GregK.Brown@VDOT.virginia.gov	757-618-0361
Gautham Ramesh, PE Area Construction Engineer	Gautham.Ramesh@VDOT.virginia.gov	757-592-8063
James Klotz, PE Area Construction Engineer	James.Klotz@VDOT.virginia.gov	757-274-2552
Jeff Minnix, PE Area Construction Engineer	jminnix@ces-consultingllc.com	757-679-5333
Eric Kevitz, PE, PMP Project Controls Engineer	Eric.Kevitz@VDOT.virginia.gov	757-956-3353
Miranda Kidd, PE, CCM District Materials Engineer	Miranda.Kidd@VDOT.virginia.gov	757-956-3342

# FY22 DOT-Managed Project Delivery Metrics

As of October 27, 2023



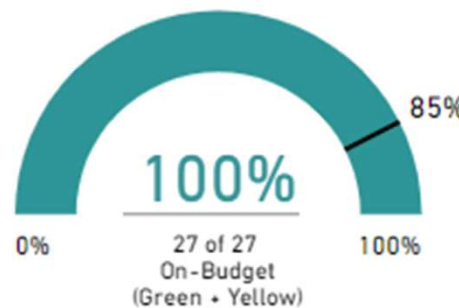
## ON-TIME PERFORMANCE



Status	Active		Completed		Total	
	Count	Award	Count	Award	Count	Award
R	1	\$3M			1	\$3M
Y	1	\$1M			1	\$1M
G	15	\$48M	10	\$15M	25	\$63M
Total	17	\$52M	10	\$15M	27	\$67M

(Target : 77% of Projects Complete Delivery Phase On-Time)

## ON-BUDGET PERFORMANCE



Status	Active		Completed		Total	
	Count	Award	Count	Award	Count	Award
Y	1	\$3M			1	\$3M
G	16	\$49M	10	\$15M	26	\$65M
Total	17	\$52M	10	\$15M	27	\$67M

(Target : 85% of Projects Complete Delivery Phase On-Budget)

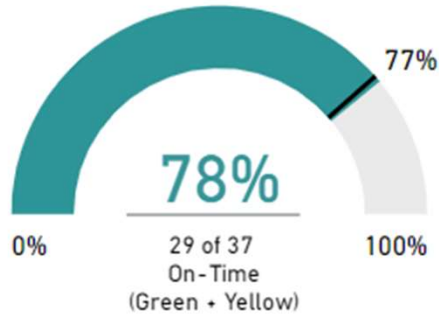


# FY22 LAP-Managed Project Delivery Metrics

As of October 27, 2023



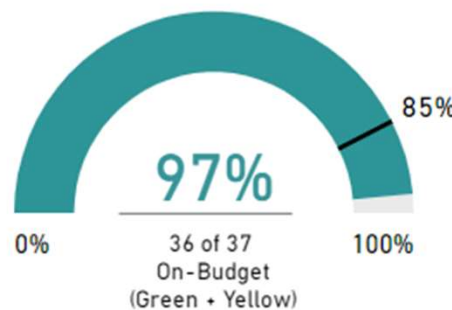
## ON-TIME PERFORMANCE



Status	Active		Completed		Total	
	Count	Award	Count	Award	Count	Award
R	7	\$4M	1	\$1M	8	\$5M
Y	1	\$0M			1	\$0M
G	15	\$37M	13	\$7M	28	\$44M
<b>Total</b>	<b>23</b>	<b>\$41M</b>	<b>14</b>	<b>\$8M</b>	<b>37</b>	<b>\$49M</b>

(Target : 77% of Projects Complete Delivery Phase On-Time)

## ON-BUDGET PERFORMANCE



Status	Active		Completed		Total	
	Count	Award	Count	Award	Count	Award
R	1	\$0M			1	\$0M
Y	1	\$2M			1	\$2M
G	21	\$39M	14	\$8M	35	\$47M
<b>Total</b>	<b>23</b>	<b>\$41M</b>	<b>14</b>	<b>\$8M</b>	<b>37</b>	<b>\$49M</b>

(Target : 85% of Projects Complete Delivery Phase On-Budget)

# Environmental Performance Program

As of October 27, 2023



PROJECT TEAM
16 # of Projects Green
DISTRICT LEADERSHIP
3 # of Projects Yellow
CENTRAL OFFICE DIVISIONAL LEADERSHIP
1 # of Projects Orange
EXECUTIVE LEADERSHIP
0 # of Projects Red

Data Date: 10/27/2023

**PROGRAM AREA VIEW**

**DISTRICT VIEW**

**REPORTS**

**USER'S MANUAL** **FEEDBACK**

## Status Duration in Days (Total of 40,387 Project-Days)

(Data as of October 27, 2023, for the period of May 1, 2018, to October 27, 2023)

**Green: 28,898 (72%)   Yellow: 8,661 (22%)   Orange: 2,486 (6%)   Red: 342 (0.9%)**

# James River Bridge Wire Rope Replacement



Remove & replace the existing wire ropes for the James River Bridge. These are the original 40-year-old wire ropes.

Two 100-hour closures starting on a Friday between November 15, 2023, to February 15, 2024. Primary detour is the MMMBT.

Return six months later to re-tension the wire ropes and perform a final inspection.

- **PCL Construction, Inc.**
  - Contract: \$3.49 M
  - NTP: Sept. 1, 2023
  - FCD: Sept. 27, 2024



# US-17 Coleman Bridge



- Replaces anchor bolts and grout for the north and south tower balance wheel tracks
- North Tower subject to Peregrine Falcon TYOR February 15 to July 15
- Requires that naval passage be maintained to US Naval Weapons Station Yorktown during construction
- **Southern Bridge & Construction, LLC**
  - Contract: \$3.5M
  - NTP: MAR 7, 2023
  - FCD: SEP 26, 2024





# SR-173 Wythe Creek Road



- The Hampton section is to include:
  - 3-Lane Reversible Middle Turn Lane for AM/PM directional traffic to NASA Langley
  - 1,500 ft causeway over Brick Kiln Creek and Tidal Area
- The Poquoson section is to include:
  - Resurfacing two lanes
  - Sidewalks in both directions
  - Drainage improvements
- **Contractor: TBD**
  - Contract Estimate: \$65M
  - Planned Advertisement: NOV 9, 2023
  - Planned Letting: JAN 17, 2024
  - FCD: SEP 27, 2027





# Diascund Creek Bridge



- Replaces a one-way wooden bridge with a modern concrete deck bridge.
- Features a five-inch reinforced concrete bridge deck over eight "hollow slab" girders.
- Modified an Anadromous fish TYOR from February 15 to May 31 that allowed work during observed Low Slack Tide.
- **Contractor:** Bryant Structures, Inc
  - Contract: \$3.397M
  - NTP: DEC 12, 2022
  - FCD: APR 07, 2025



# N. King Street Improvements – Phase IV



Reconstruct N King St from Quash St to E Pembroke Ave with curb & gutter, street lighting, landscaping and improved pedestrian facilities.

- Owner: City of Hampton
- Contractor: Shamrock Construction Corp.
  - Contract: \$2.2M
  - NTP: June 20, 2022
  - FCD: Sept. 1, 2023



# LAP Active Construction Overview

As of October 16, 2023



Locality	Number of Projects	Current Construction Value	Percent of Total Construction Value
Chesapeake	8	\$10,307,018	4.04%
Hampton	10	\$7,071,166	2.77%
Newport News	4	\$41,546,218	16.29%
Norfolk	5	\$20,485,675	8.03%
Portsmouth	3	\$38,275,098	15.01%
Smithfield	1	\$587,250	0.23%
Suffolk	15	\$55,626,342	21.81%
Virginia Beach	7	\$75,472,832	29.59%
Williamsburg	2	\$659,045	0.26%
York County	4	\$4,995,637	1.96%
<b>Totals:</b>	<b>59</b>	<b>\$255,026,281</b>	

# District-wide CEI Contracts



	Term	2021	2022	2023	2024	2025
RK&K	2 of 3					Original estimated completion but likely to end early
HNTB	2 of 3					
Quinn	2 of 3					
AMT	2 of 3					
Future	CEI			Future District-wide CEI RFP anticipated November 2023		
Future	CEI					
Future	CEI					
Future	CEI					





## VDOT Consultants: SARA and VDOT Email Usage

### Stand-Alone Consulting Services

- I-64/Witchduck: RK&K. Anticipate completion in late 2023.
- HREL Segment 4C: ATCS. HREL Segment 1A: CES.

### Construction Staff Workload

- VDOT has 13 CMs, 16 Senior Inspectors, 15 Inspectors, and 3 Inspector Trainees for a **total of 47**.
- CEI Consultant Firms are supplying 7 CMs, 31 Senior Inspectors, 9 Inspectors, and 3 Inspector Trainees for a **total of 50**.
- Stand-Alone Consulting Firms are providing 4 CMs, 8 Senior Inspectors, 7 Inspectors, and 1 Inspector Trainee for a **total of 20**.
- Other CEI positions being provided include Responsible Charge Engineers, Senior Engineers, Environmental Compliance Inspectors, and Scheduling Specialists.





- Intent is to acknowledge top-tier performance.
- Awarded annually to one or two contractors starting in 2016.
- Who is winning?
  - Overcomes challenges while maintaining operational tempo;
  - Customer and Delivery Focused; and
  - Organizational Culture.
- Jay Oppenshaw's comment on "No Whining or Sniveling"  
x 5.

# Teamwork Award



**Project:** Southquay Bridge Replacement over Blackwater River

**Construction Challenges:**

- Plan error for the approach grading, bearings and reinforcing steel.
- Utility Conflicts with PVD.
- Obstruction while pile driving.



**Partnering:** Was flexible and worked together with inspection staff, CM, ACE, and Design Team to succeed; proactively shared ideas and brainstormed together for solutions.

**Performance:** Completed the project ahead of time and obtained full incentive; Also completed another Bridge Replacement project over Stallings Creek ahead of time in the same year.



# Teamwork Award



**Project:** Structural Steel Interstate Bridge Repairs

**Construction Challenges:**

- MOT restrictions
- Limited MOT hours from Localities



**Partnering:** Contractor worked with VDOT and the Localities to develop plan of action to allow work to be completed within the MOT hours the Localities were providing.

**Performance:** Completed the project ahead of time and obtained full incentive



# Teamwork Award



## 2022

- **Adams Construction (2<sup>nd</sup> Award)** - Emporia Pavement Schedule
- **Curtis Contracting (2<sup>nd</sup> Award)** - US-460 Bridge Rehab

2021 - **Adams Construction** - Pavement Schedules

2020 - **Branscome (2<sup>nd</sup> Award)** - MMMBT Paving

2019 - **Structural Technologies VSL** - HRBT Beam Strengthening

## 2018

- **Allan Myers** - 7 Pavement Schedules finished a total of 187 days early
- **Branch Civil** - Turnpike in Portsmouth & I-64 Ramp in Norfolk
- **Curtis Contracting** - Culvert Replacements in IoW & Southampton

## 2017

- **Corman** - High Rise Bridge Epoxy
- **English Construction** - US-301 Bridge Replacement

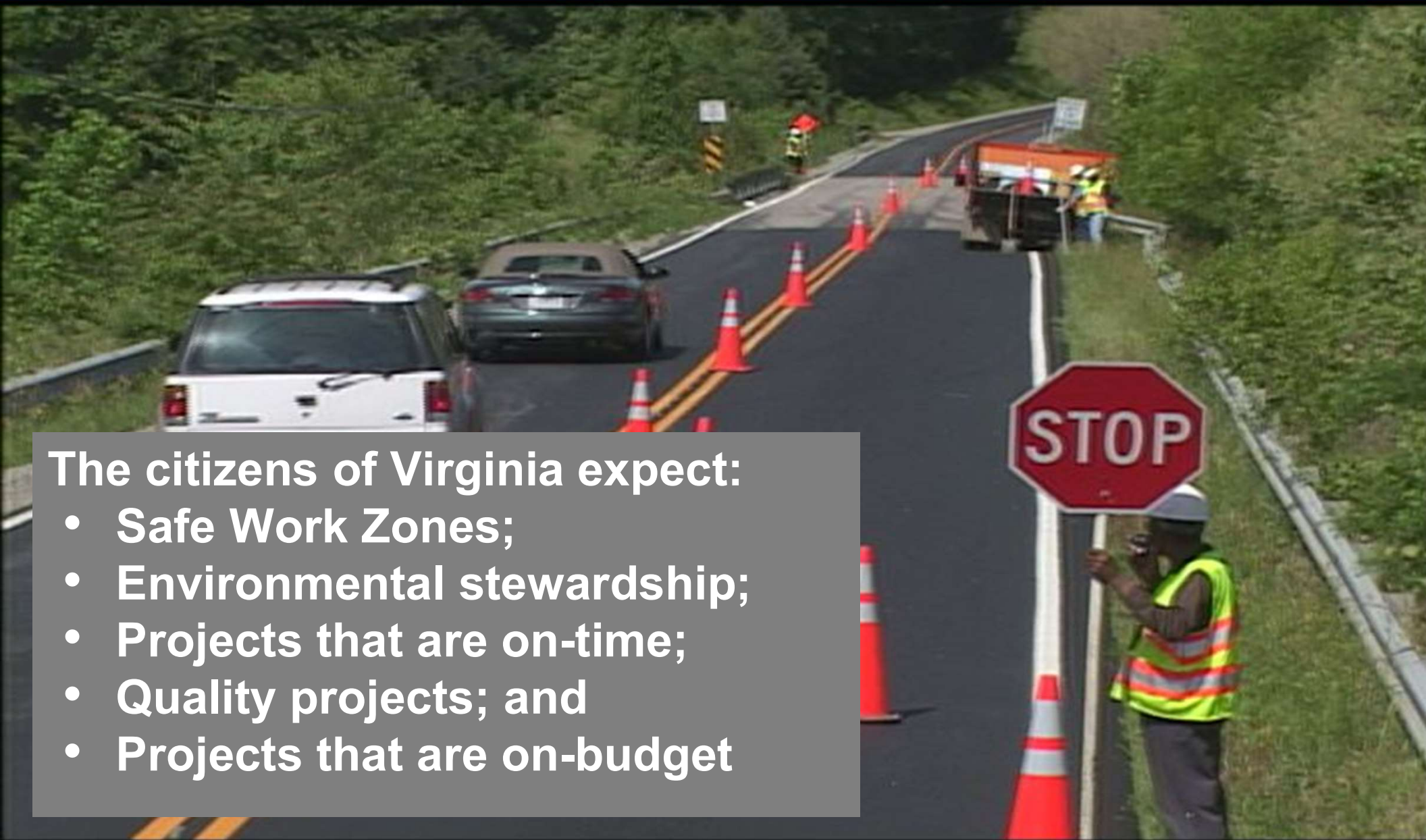
## 2016

- **Branscome** - Wallops Drone Runway
- **Virginia Paving / Lane** - Terminal Boulevard





# Performance Metrics



The citizens of Virginia expect:

- Safe Work Zones;
- Environmental stewardship;
- Projects that are on-time;
- Quality projects; and
- Projects that are on-budget



# MAJOR PROJECTS

| Rick Correa, P.E.

November 1, 2023

# Hampton Roads District Major Projects

*The Hampton Roads District Major Projects Group is responsible for the development and delivery of each major project “from cradle-to-grave” – from the start of programming to the end of construction closeout.*



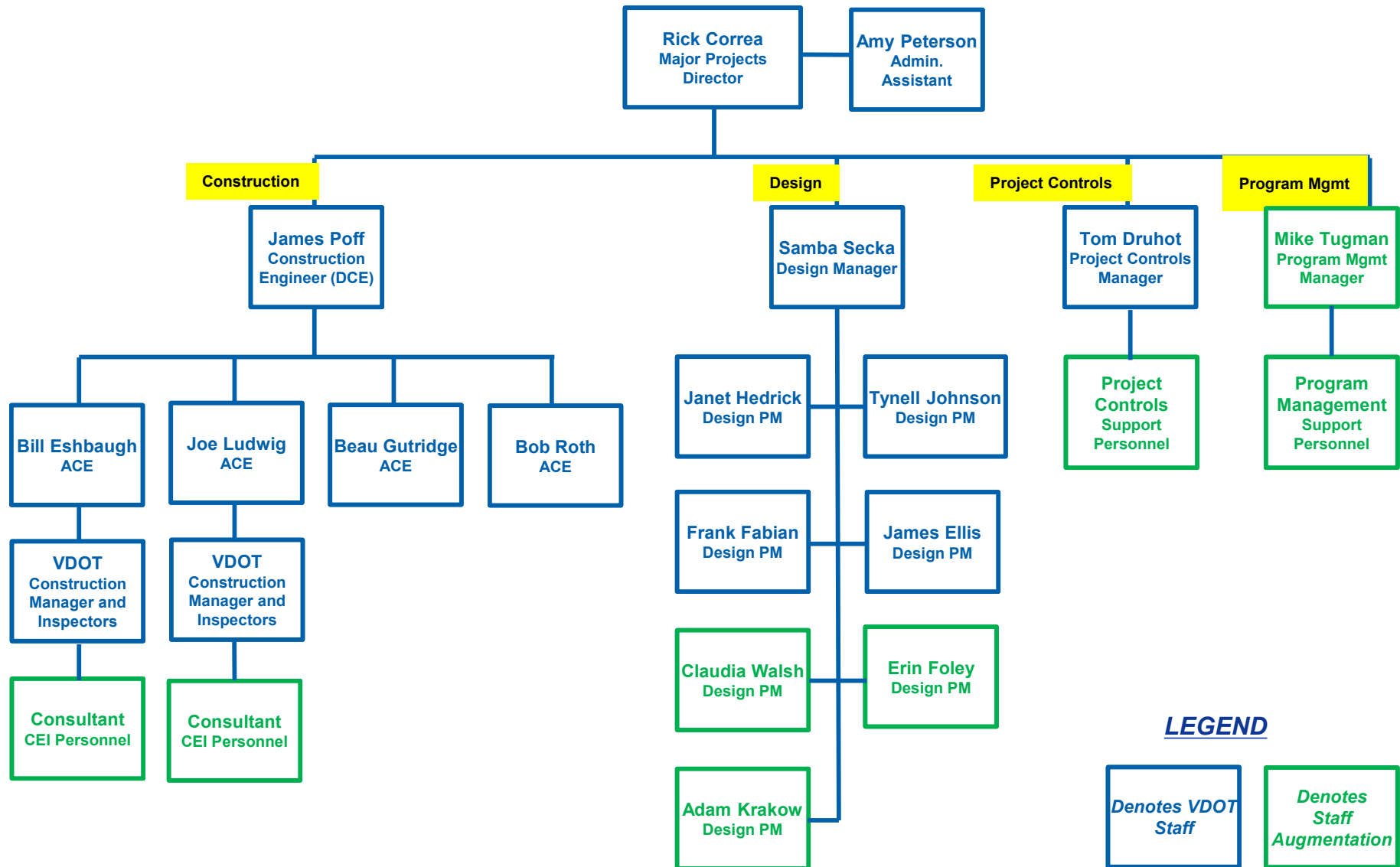
*The Major Projects group is made up of professionals experienced in Programming, Planning, Engineering, Construction, and Project Controls.*

*Major projects are typically those that are large and/or complex. They include all HRTAC-funded regional projects.*

# Major Projects Team

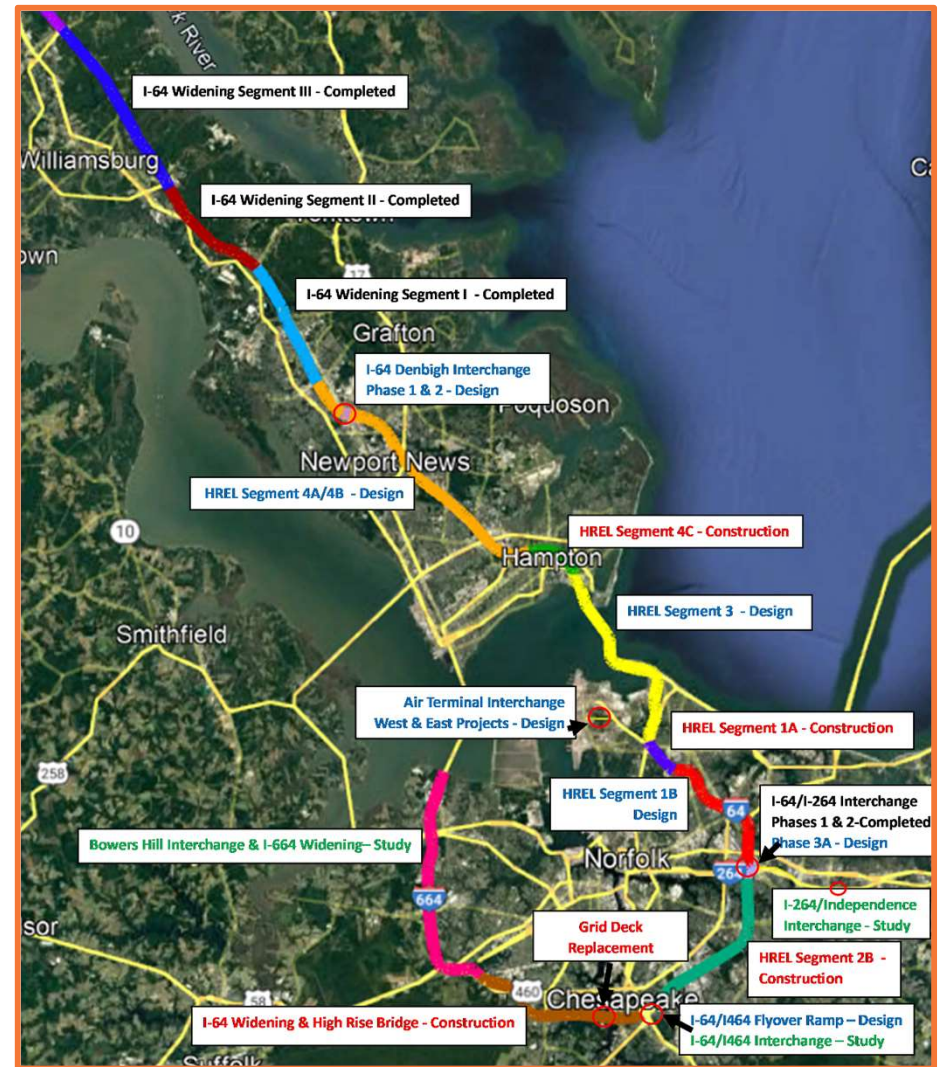
Name	Email	Phone #
<b>Rick Correa, PE</b> Director Major Projects	Ricardo.Correa@VDOT.virginia.gov	757-635-2162
<b>James Poff, PE</b> MP Construction Engineer	James.Poff@VDOT.virginia.gov	757-510-4040
<b>Samba Secka, PE</b> Design Manager	Samba.Secka@VDOT.virginia.gov	757-956-3058
<b>Tom Druhot, PE</b> Project Controls Engineer	Thomas.Druhot@VDOT.virginia.gov	757-956-3020
<b>Joe Ludwig, PE</b> Area Construction Engineer	Joseph.Ludwig@VDOT.virginia.gov	757-648-0894
<b>Bill Eschbaugh, PE</b> Area Construction Engineer	William.Eschbaugh@VDOT.virginia.gov	757-592-1048
<b>Beau Gutridge, PE</b> Area Construction Engineer	Beau.Gutridge@VDOT.virginia.gov	540-222-2520
<b>Bob Roth, PE</b> Area Construction Engineer	Robert.Roth@VDOT.virginia.gov	757-956-3220

# Major Projects ORGANIZATION



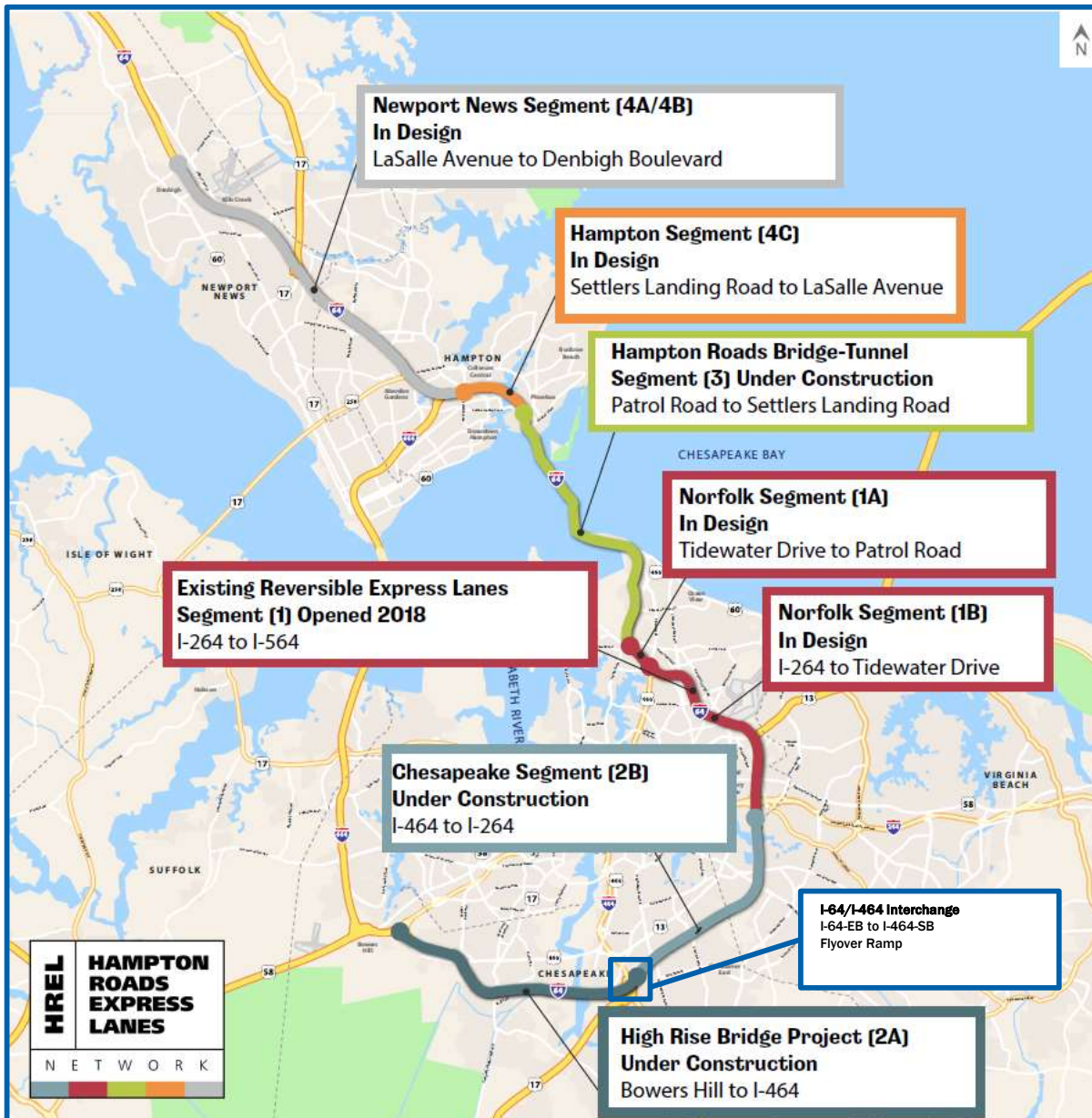
# Map of Major Projects

- Management of projects from programming phase through construction close-out
- Focus is primarily on the development and delivery of HRTAC funded projects
- Total of 21 projects:
  - Completed: 5
  - In Construction Phase: 4
  - In Construction Procurement: 2
  - In Design Phase: 7
  - In Study (NEPA/IAR) Phase: 3
- Total Cost of Projects: \$7 Billion





# Hampton Roads Express Lanes (HREL) Network



The HREL Network is a continuous, 46-mile network of express lanes in each traffic direction on I-64, from west of Denbigh Boulevard in Newport News to the I-64/I-264/I-664 Bowers Hill interchange in Chesapeake.

# HREL Projects

Project	Project Status	Project Cost
HREL Segment 4A/4B	DBB Procurement	\$172M
HREL Segment 4C	Construction	\$408M
HREL Segment 3 (Tolling Infrastructure)	Design	\$30M
HREL Segment 1A	Construction	\$198M
HREL Segment 1B	Design	\$321M
HREL Segment 2B	Construction	\$28M
I464/I64 Flyover Ramp	DB Procurement	\$181
I-64 Widening and High Rise Bridge	Construction	\$525M

**Total Cost of Projects: \$1,863M**

# Other Major Projects in Design or Study Phases

Project	Project Status	Project Cost
I-64/I-264 Interchange Phase III-A	Design	\$470M
Denbigh Interchange Phase 1 (WB Ramps)	Design	\$74M
Denbigh Interchange Phase 2 (EB Ramps)	Design	\$188M
Air Terminal Interchange (Western Interchange)	Design	\$24M
Air Terminal Interchange (Eastern Interchange)	Design	\$109M
Bowers Hill Interchange and I-664 Widening	Study (NEPA & IAR)	\$2,300M
I-64/I-464 Interchange	Study (IAR)	\$339M
I-264/Independence Interchange	Study (IAR)	\$876M

**Total Cost of Projects: \$4,380M**

# Upcoming Opportunities for Consultants

## Upcoming Opportunities

# HREL Segment 3 (Tolling Infrastructure)

## Project Scope:

- The Hampton Roads Bridge-Tunnel (HRBT) Expansion project is widening 8.2 miles of I-64 from 4 to 8 lanes, from Settlers Landing Road to Patrol Road. It includes the construction of two new tunnels that will carry the 4 EB lanes, while the 4 WB lanes will travel through the existing tunnels.
- This Segment 3 project adds the tolling infrastructure within the HRBT project limits needed to operate the 2 express lanes in each direction.

## Project Status: Under Design

- Design-Bid-Build project
- Developing final plans
- Construction Advertisement: Jan. 2025
- Estimated Project Cost: \$30M

## Contract:

- Construction NTP: Jun. 2025
- Construction Completion: Jun. 2027





# HREL Segment 1B

## Project Scope:

- Converts the 7-mile inside shoulder in each direction to a Part Time Shoulder Express Lanes (PTSEL), from Tidewater Drive to I-264 interchange.
- Each PTSEL opens to traffic when the Reversible Lanes are operating in the opposite direction.

## Project Status: Under Design

- Design-Build project
- Developing RFQ plans
- RFQ: May 2024
- RFP: Sep. 2024
- Estimated Project Cost: \$321M

## Contract:

- Design-Build NTP: Jul. 2025
- Construction Completion: Oct. 2028



# I-64/I-264 Interchange Phase III-A

## Project Scope:

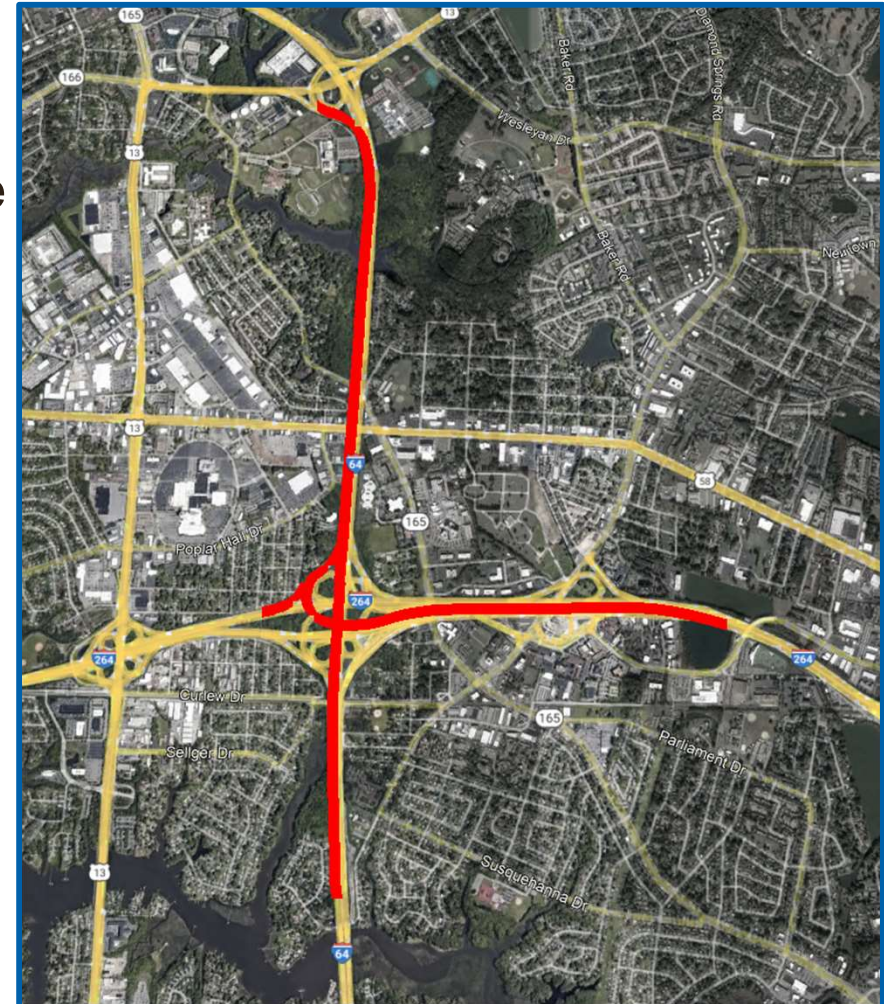
- Adds 1 lane to the outside of I-64-EB.
- Widens the I-64-EB to I-264-EB interchange ramp from 1 lane to 2 lanes and replaces the existing 1-lane flyover bridge with a 2-lane bridge.

## Project Status: Under Design

- Design-Build project
- Preliminary design completed. Advancing towards design public hearing and contract development phases
- RFQ: Dec. 2024
- RFP: May 2025
- Estimated Project Cost: \$470M

## Contract:

- Design-Build NTP: Mar. 2026
- Construction Completion: Mar. 2030



# Denbigh Interchange (2 Projects – Phase 1 and Phase 2)

## Scope

- Adds a new diamond interchange at the existing Denbigh Blvd bridge over I-64
- Phase 1 is WB ramps; Phase 2 is EB ramps

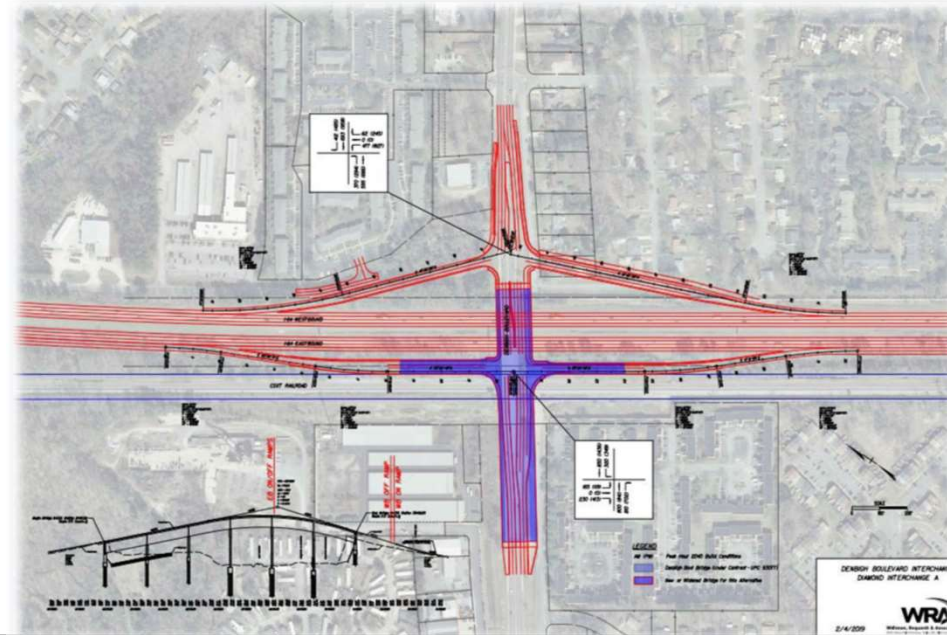
## Status: Under Design

- Phase 1 – Design-Build Project
- Phase 2 – Design-Bid-Build Project
- Advancing preliminary design and NEPA (WB & EB)

	<u>Phase 1</u>	<u>Phase 2</u>
• RFQ	Sep. 2024	N/A
• RFP	Jan. 2025	N/A
• Construction Ad:	N/A	Apr. 2030
• Est. Project Cost:	\$74M	\$188M

## Contract:

• DB or CN NTP:	Nov. 2025	Aug. 2030
• CN Completion:	May 2029	Aug 2033





# Air Terminal Interchange (2 Projects - Western & Eastern)

## Scope

- Adds 2 new intersections along I-564 IMC
- Will provide connection from the Naval Station Norfolk residences and facilities on Ingersol Avenue to Gates 5, 6, CVIS, and Hampton Blvd.

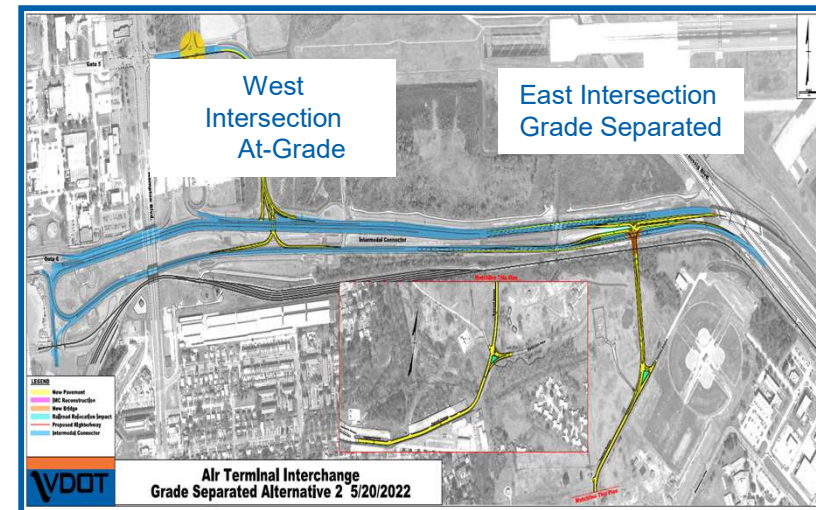
## Status: Under Design

- Both projects are Design-Bid-Build and Preliminary design completed, public hearing held, preparing for design approval
- Western to advance to final design ahead of Eastern

	<u>Western</u>	<u>Eastern</u>
• Construction Ad:	Aug. 2026	Oct. 2030
• Estimated Project Cost:	\$24M	\$109M

## Contract:

• CN NTP:	Jan. 2027	Mar. 2031
• CN Completion:	Dec. 2029	Mar. 2034



# 30 Minute Networking Break

After the Break, VDOT will brief the District's  
Maintenance and Operations.





# MAINTENANCE AND OPERATIONS PROGRAM OVERVIEW

| Allison Richter

November 1, 2023

# Maintenance & Operations Team

Name	Email	Phone #
<b>Allison Richter, PMP</b> <b>Deputy District Administrator</b>	<b>Allison.Richter@VDOT.virginia.gov</b>	<b>757-956-3248</b>
William Collier District Maintenance Manager	W.Collier@VDOT.virginia.gov	757-956-3006
Kenneth Reynard District Traffic Operations Director	Kenneth.Reynard@VDOT.virginia.gov	757-956-3014
Matt Simeone Interstate Maintenance Office Manager	Matthew.Simeone@VDOT.virginia.gov	757-754-3744
Christopher "Rossie" Carroll Williamsburg Residency Administrator	C.Carroll@VDOT.virginia.gov	757-253-5140
Chris Isdell Accomack Residency Administrator	Christopher.Isdell@VDOT.virginia.gov	757-787-5858
Paul Matticks Franklin Residency Administrator	Paul.Matticks@VDOT.virginia.gov	757-328-1201
Rodney Higgs District Safety Manager	Rodney.Higgs@VDOT.virginia.gov	757-956-3176
Victor Bradford District Safety Manager	Victor.Bradford@VDOT.Virginia.gov	804-664-6601
Shannon Ternes Special Structures Engineer	Shannon.Ternes@VDOT.Virginia.gov	757-956-3217

# Areas of Responsibility

## Hampton Roads District

- 9 counties, 12 cities, 2 islands
- Approximately 1,200 employees, consultants and contractors
- Approximately 10,000 Total Lane Miles

## Tunnels/Facilities

- I-64 Hampton Roads Bridge-Tunnel
- I-664 Monitor-Merrimac Memorial Bridge-Tunnel
- Jamestown-Scotland Ferry
- Transportation Operations Center
- Elizabeth River Tunnels (ERC operated)

## Major Bridges

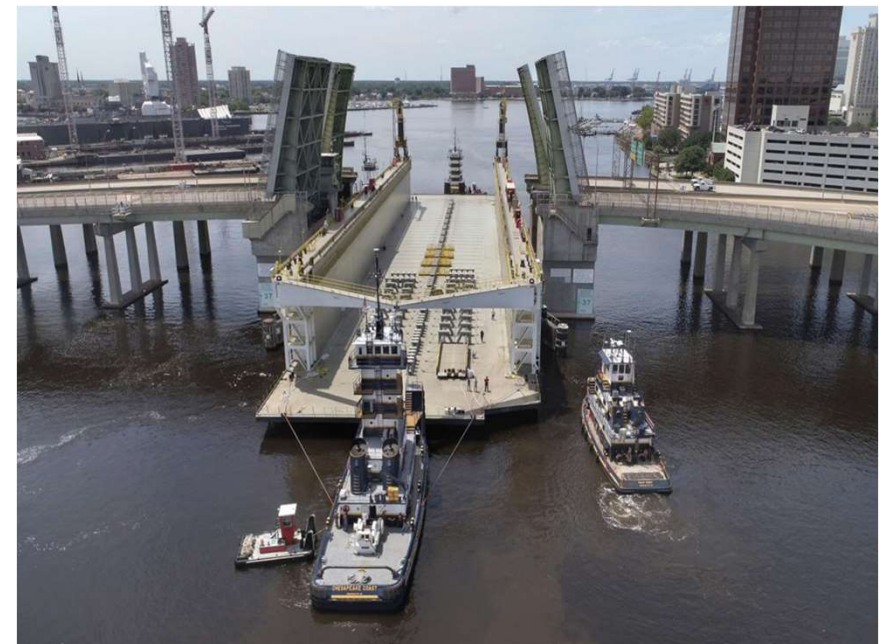
- James River Bridge
- High Rise Bridge
- Berkley Bridge
- Coleman Bridge
- Chincoteague Bridge

## Residencies

- Accomac
- Franklin
- Williamsburg

## Interstate Management Office

- Interstate Contracts
- Urban Construction



# Maintenance

## Pavement

- Long term pavement plan that ensures targets will be met
- Localities taking advantage of SGR funds to pave

## Bridges

- Current and future IIJA funded projects
- Maintenance of bridges in the HREL footprint
- Bridge Maintenance Crews/Contracts

## Special Structures

- Largest number of Special Structures in the state
- Implement the statewide, systematic long-term plan

# Operations – Major Activities

- Hampton Roads Express Lane Network (HREL)
  - Working toward our first Toll Day One
- HRBT Expansion Project coordination
- Incident Management/Response & Clearance Times
- Jamestown-Scotland Ferry (JSF)
  - Pocahontas Ferry in the shipyard, followed by Surry
  - Regularly pursuing federal grants, to include a new vessel build
- Arterial Systems Management
- Cybersecurity Mitigation
- HREL Traffic Management Plan (TMP)
- Safety Service Patrol (SSP) Staffing Need Increase



# Upcoming Contract Opportunities

- Paving Schedules
- Bridge Opportunities--Infrastructure Bill, SGR, routine & preventive maintenance
- Operations Asset Installation and Maintenance Services
- Traffic Signal Design and Installation Services
- Industrial Systems Life Cycle Maintenance & Replacement
- Marine Vessel Services
- Special Structures

# MAINTENANCE

| William Collier

November 1, 2023

# Maintenance Team

Name	Email	Phone #
<b>William Collier</b> District Maintenance Manager	<b>W.Collier@VDOT.virginia.gov</b>	<b>757-956-3006</b>
Kim Cook District Infrastructure Manager	Kim.Cook@VDOT.virginia.gov	757-956-3351
Stephanie Lagarile, PE District Pavement Manager	Stephanie.Lagarile@VDOT.virginia.gov	757-956-3171
Mohamed Ali, PE District Structure and Bridge Engineer	Mohamed.Ali@VDOT.virginia.gov	757-956-3206

# PAVEMENT

| William Collier

November 1, 2023

# Paving Program

## Asphalt Pavements

### Upcoming 2024 Paving Contracts (Budget Amount ~ \$94.7M)

- **12 Plant Mix Contracts - 353 lane miles; \$62.2M**
  - Accomac – 2 schedules; 63.9 lane miles; \$10.1M
  - Franklin – 4 schedules; 134.2 lane miles; \$19.8M
  - Williamsburg – 2 schedules; 80.4 lane miles; \$11.4M
  - IMO – 4 schedules – 74.5 lane miles; \$21.0M
- **1 Slurry Seal Contract**
  - Franklin – 18.8 lane miles; \$584K
- **3 Surface Treatment Contract; \$2.4M**
  - Franklin – 39.5 lane miles; \$969K
  - Williamsburg – 31.9 lane miles; \$920K
  - Accomac – 36.3 lane miles; \$500K



## Asphalt Pavements

### 2024 Full Depth Reclamation

- **Williamsburg Residency**
  - 5.6 lane miles
  - 36,095 SY FDR
  - 4,665 tons
  - \$1.9M

## Concrete Pavements

### 2024 Concrete Repair Contracts

- I-64 EB/WB Indian River to Twin Bridges
- I-464 at I-64 Chesapeake
- I-264 Ramps Virginia Beach
- I-664 Ramps Suffolk
  - 28.6 lane miles + 8.1 ramp lane miles
  - 23,639 SY concrete repair
  - \$11.4M

## Concrete Pavements

### Unbonded Concrete Overlay

- James City County – Route 60
  - 20.2 lanes miles
  - 149,308 SY concrete overlay
  - Approx. ~\$16.5M

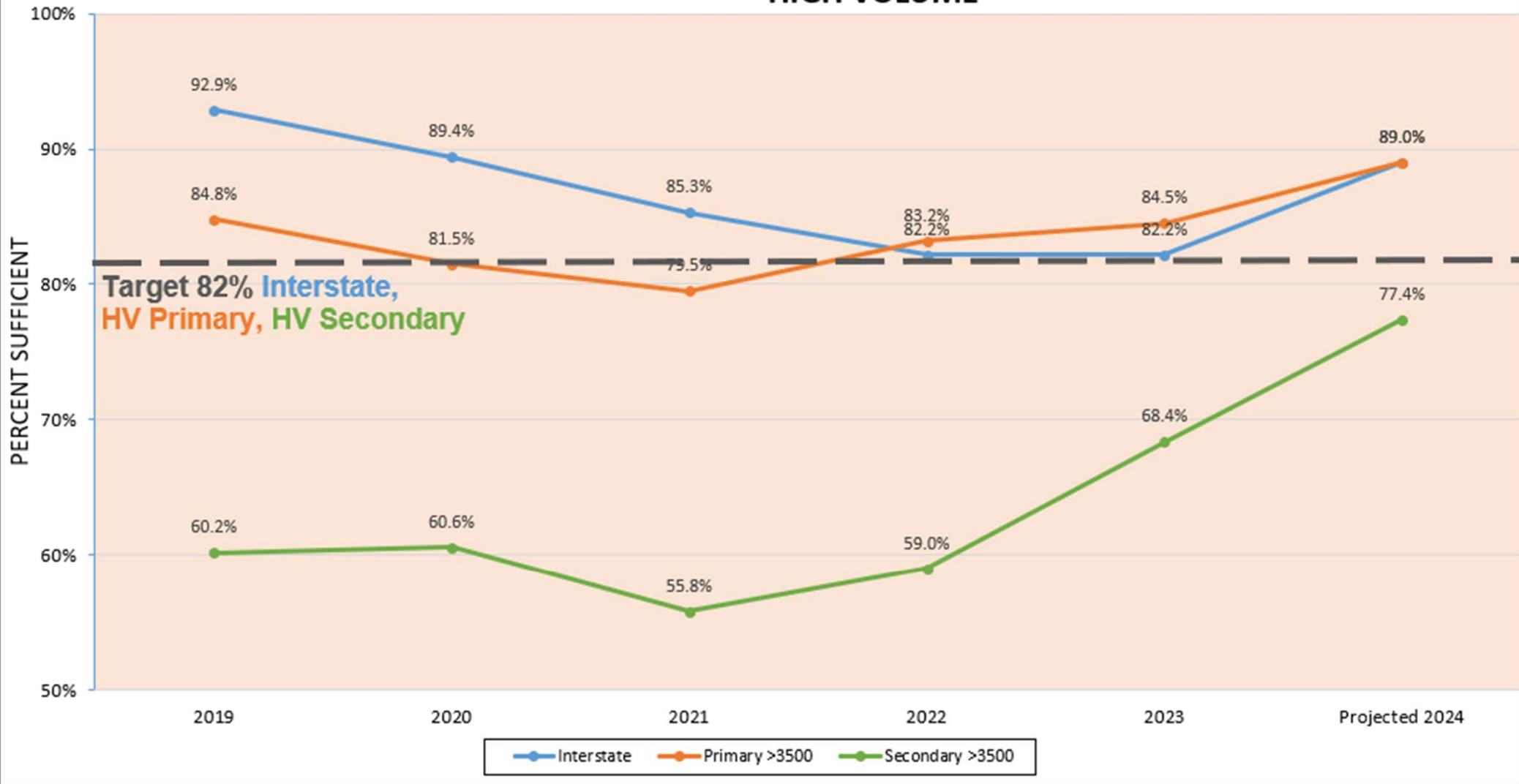
# Paving Program

	2019		2020		2021		2022		2023		2024	
	Quantity	Lane Miles	Quantity	Lane Miles	Quantity	Lane Miles	Quantity	Lane Miles	Quantity	Lane Miles	Quantity	Lane Miles
Asphalt(TN)	138,329	166	77,162	77	239,797	285	215,723	294	226,532	232	287,658	357
(SM-4.75 mm)	(1,192)	(8)	0	0	0	0	(3,259)	(3,259)	(5,100)	(10)	(0)	(0)
[THMACO]	[0]	[0]	[3,126]	[9]	[10,004]	[33]	[12,016]	[12,016]	[8,750]	[24]	[2,349]	[2]
Latex (Tons)	0	0	1,245	15	5,974	63	8,328	103	9,051	95	0	0
Slurry Seal (SY)	0	0	256,335	55	0	0	319,667	53	166,974	22	159,709	19
Surface Treatment (SY)	1,152,659	210	0	0	524,794	95	486,218	100	572,521	119	659,595	108
Concrete Repair (SY)	1,718	12	11,150	9	20,613	23	9,746	34	14,500	35	172,947	57
<b>Totals</b>		<b>388</b>		<b>156</b>		<b>466</b>		<b>583</b>		<b>503</b>		<b>543</b>
Interstate	1,441	25	8,654	14	30,526	64	50,513	90	77,621	95		111
Primary > 3500 AADT	95,723	79	52,875	61	138,691	182	125,906	161	9,990	123		87
Primary < 3500 AADT					27,308	59	12,022	100	89,339	49		47
Secondary > 3500 AADT	41,162	284	15,634	80	17,519	29	21,734	29	28,892	35		24
Secondary < 3500 AADT					25,753	131	31,052	363	19,996	181		274
<b>Estimate*</b>	<b>\$30.9 Million</b>		<b>\$18.4 Million</b>		<b>\$44.91 Million</b>		<b>\$42.9 Million</b>		<b>\$51.2 Million</b>		<b>\$94.9 Million</b>	

\* Includes contract estimate/award, CEI, contingencies, requirements

# Paving Program

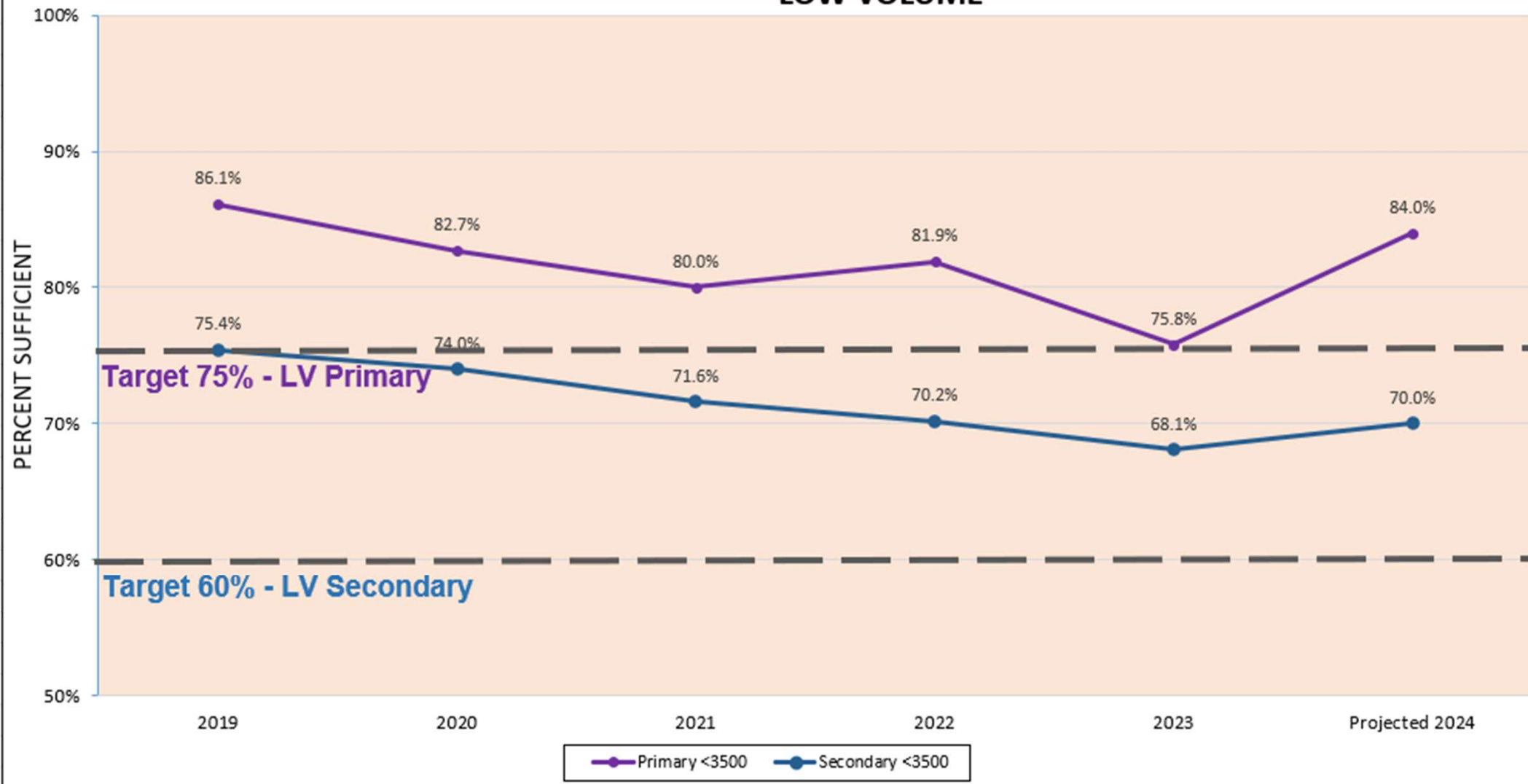
## PAVEMENT CONDITION HIGH VOLUME





# Pavement Program

## PAVEMENT CONDITION LOW VOLUME



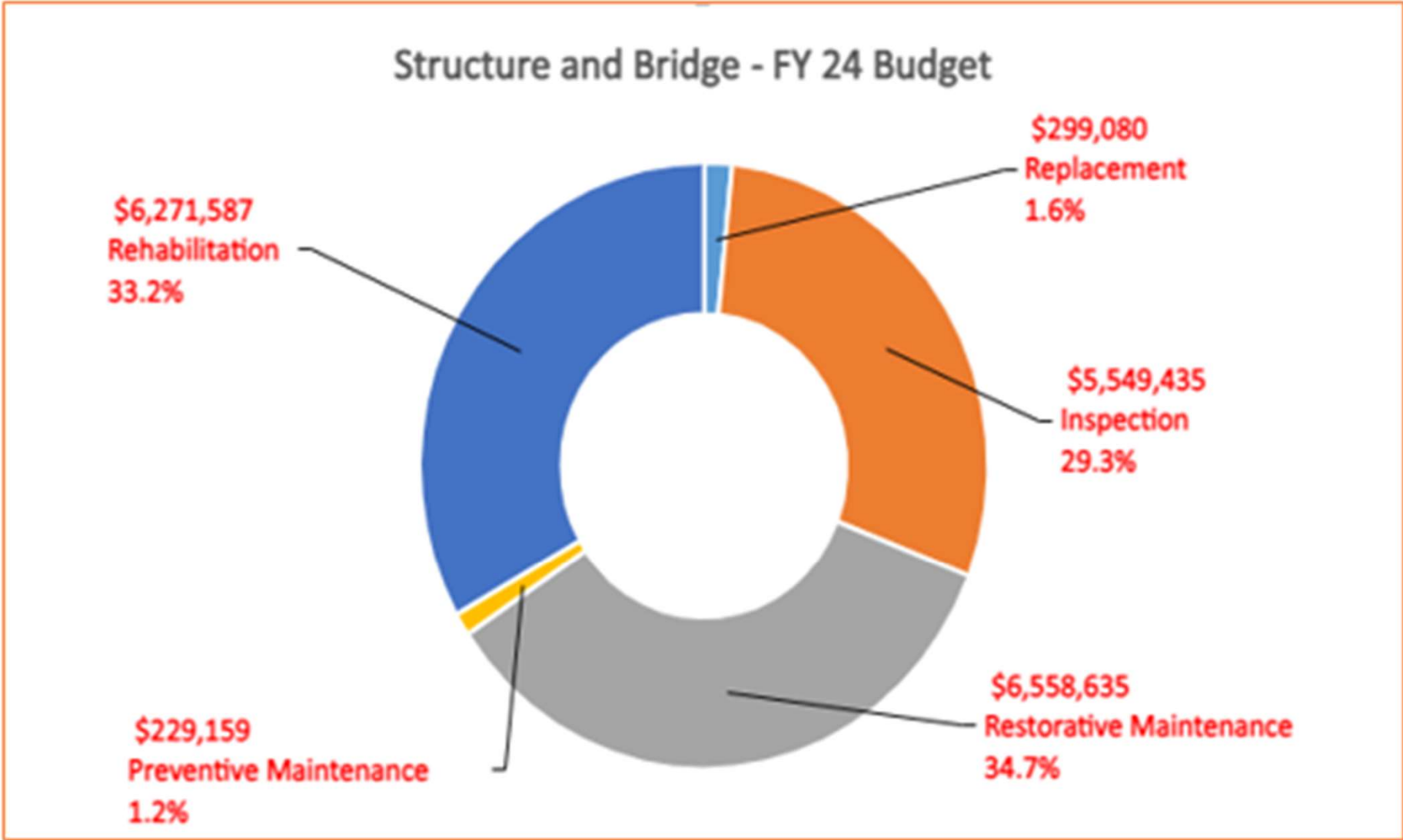
# BRIDGES

| William Collier

November 1, 2023

# Bridge Program

## FY24 Budget by Accomplishment Type



# Bridge Program

## Projects Under Construction

- **Six Bridge Maintenance Projects**
  - 1 Rehabilitation (Rigid Overlay & Repair)- Rte 58 over Nottoway (~\$5.0M CN value)
  - 1 District-Wide Bridge Washing (~\$500K CN value)
  - 2 Culvert Rehabilitation – 15 Culverts (~\$7.5M CN value)
  - 2 On-Call Bridge Deck Rehabilitation (~\$6.7M CN value)
- **Five Bridge Replacement Projects**
  - UPC 98823 Rte 601 over Diascund Creek (~4.4M CN value)
  - UPC 113029 Rte 644 over Pope Swamp (~\$2.3M CN value)
  - UPC 111339 Rte 692 over Champion Swamp (~\$2.4M CN value)
  - UPC 111342 Rte 40 over Otterdam Swamp (~\$3.8M CN value)
  - UPC 108532/111338 Rte 258 Bus over Cypress Creek Partial Superstructure Replacement and Rehabilitation (~\$10.3M CN value)

**Approximately \$26M FY24, \$43M Overall**

# Bridge Program

## Projects within 6 months of Advertisement (~\$40M CN value)

- **Four Bridge Maintenance Projects**
  - UPC 117418 London Bridge Rd. Structural Repair (~\$4M CN value)
  - UPC 119784 Rte. 629 Moores Ferry Deck Replacement and Rehabilitation (~\$3.4M CN value)
  - UPC 121533 Interstate Bridge Painting (~\$2.5M CN value)
- **Two Bridge Replacement Projects**
  - UPC 113030 Rte.178 over Occohannock Creek (~\$6.5 M CN value)
  - UPC 100920 Rte. 607 Croaker Rd. Over (~\$23.3M CN value)



# Bridge Program

## Projects to Advertise in 6-24 months (~\$31.5M CN value)

- **Five Bridge Maintenance Projects**
  - UPC 121532 Structural Steel Repairs (~\$6.7M CN value)
  - UPC 122643 Structural Steel Repairs (IIJA) (~\$6.0M CN value)
  - UPC 123038 Bridge Joint Assembly Replacement (~\$5.7M CN value)
  - UPC 122644 Rte. 134 over 17 Bridge Rehab (\$5.4M CN value)
  - UPC 122835 District Wide Bridge On-call (\$2.5M CN value)
- **One Bridge Replacement Projects**
  - UPC 121531 Rte 614 over Seacock Swamp (~\$5.2M CN value)

# Bridge Program

**Future Design Projects (~\$45.9M CN value), Advertisement is dependent on funding**

- **Five Bridge Replacement Projects**
  - Rte 143 over Queen Creek (~\$18.1M CN value)
  - Rte 58 EBL over Nottoway Swamp (~\$12.4M CN value)
  - Rte 600 over Great Swamp (~\$4.8M CN value)
  - Rte 626 over Stallings Creek (~\$5.6M CN value)
  - Rte 622 over Branch Diascund Creek (~\$5M CN value)

# Bridge Program

## Infrastructure Investment and Jobs Act

- 5 Year Program - Federal Infrastructure funding
- Focus on system preservation on Interstates and High Volume Primaries (15% of work reserved for off-system structures)
  - Overlays
  - Painting
  - Joint elimination
- \$107 Million / Year statewide
  - Needs-based distribution
  - \$26M per year for locality projects, \$81M per year for VDOT projects
  - Year 1 (10/1/21 - 9/30/22)- whole \$107M for VDOT projects
  - Hampton Roads 18% of Statewide VDOT funding (highest)
- Hampton Roads District Year 1 Projects
  - Culvert Spray Liners - 10 Structures - \$4.5M (Underway)
  - Secondary Bridge Painting - 11 Structures - \$1.7M (Underway)
- Hampton Roads District Years 2-5
  - Average \$20M per year for 7 projects; mainly supplement HREL Maintenance not funded by HRTAC.

# SPECIAL STRUCTURES

| Shannon Ternes, P.E.

November 1, 2023

# Special Structures - Inventory



Defined By:

- Risk/Complexity
- Maintenance Cost
- Importance
- Long Detours, High Traffic, Economic Significance (Shipping and Vehicular), Access to Vital Facilities (Military and Ports)



# Special Structures Projects - Under Construction

## JRB Lifting Cable Replacement

- Main and auxiliary counterweight wire ropes

## JRB Concrete Beam Strengthening

- Approach span beam repairs and CFRP strengthening

## Berkley Emergency Generator

- Construction of landside building and installation of new generator

## High Rise Emergency Generator

- Construction of landside platform and installation of new generator

## Coleman Bridge Balance Wheel

- Anchor bolt replacement and grout repairs



# Special Structures Projects - Upcoming

## HRBT Invert Slab Concrete Repairs - Ad 4/2024

- On-call term contract
- Lower supply duct in Westbound and Eastbound tunnels

## Berkley Mechanical and Electrical Rehabilitation - Ad 6/2024

- New utility and electrical room constructed between bascule piers
- Submarine cables
- Hydraulic temporary operating system during construction
- Drives and control system
- Westbound and Eastbound machinery
- Warning gates

## Tunnel Design Projects

- MMMBT Utility Power, Switchgear and Generator Upgrade Design
- MMMBT Ventilation System Upgrades
- HRBT WB Ventilation System Upgrades

# TRAFFIC OPERATIONS

| Kenneth Reynard, PMP

November 1, 2023

# Traffic Operations Team

<b>Kenneth Reynard</b> District Traffic Operations Director (DTOD)	<b>Kenneth.Reynard@VDOT.virginia.gov</b>	<b>757-956-3014</b>
<b>Tommy Catlett</b> Assistant District Traffic Operations Director (ADTOD)	<b>Tommy.Catlett@VDOT.virginia.gov</b>	<b>757-956-3082</b>
<b>Brian Mosier</b> District Traffic Operations Manager (DTOM)	<b>Brian.Mosier@VDOT.virginia.gov</b>	<b>757- 328-3933</b>
<b>Tim Haynam</b> District Traffic Engineer (DTE)	<b>Timothy.Haynam@VDOT.virginia.gov</b>	<b>757-504-5663</b>
<b>Chuck Dixon</b> District Operations Maintenance Manager (DOMM)	<b>Chuck.Dixon@VDOT.virginia.gov</b>	<b>757-925-1679</b>
<b>Larry Harris</b> Hampton Roads Harbor Tunnels Facility Manager (HRHT)	<b>Larry.Harris@VDOT.virginia.gov</b>	<b>757-727-4811</b>
<b>Michael Miller</b> District Operations Technology Engineer (DOTE)	<b>Michael.Miller@VDOT.virginia.gov</b>	<b>757-605-8741</b>
<b>John Bisnett</b> Signals and Freeway Operations Engineer (SFOE)	<b>John.Bisnett@VDOT.virginia.gov</b>	<b>757-837-8392</b>
<b>Derrick Keltner</b> Hampton Roads Express Lane Network Manager (HRELN)	<b>Derrick.Keltner@VDOT.virginia.gov</b>	<b>757-708-5363</b>



# Traffic Operations





# Support Contract Types

## Staff Augmentation

- Professional Engineering Services
- Skilled Trades, Technicians, Operators
- Commercial Services (i.e., Wrecker Service)

## Industrial Systems Life Cycle Maintenance & Replacement

- Mechanical
- Electrical Power Distribution
- Operations Technology Devices
- SCADA
- Tolling Infrastructure and Systems Support

## Asset Installation & Maintenance Services

- Pavement Markings
- Roadway Signs
- Guardrail
- Roadway Lights

## Traffic Signal Design & Installation Services

## Safety Improvement Projects

- Highway Safety Improvement Projects (HSIP)
- Marine Vessel Services
- Maintenance
- Repairs
- Design

# Contracts In Development

<u>UPC</u>	<u>Name</u>	<u>Type</u>	<u>Planned Ad</u>	<u>Planned Award</u>
123192	Remove Existing Timber Dolphins at Jamestown Scotland Ferry	RAAP	May 2024	September 2024
123193	Install Ladders and Platforms for Hydraulic Lift Maintenance	RAAP	July 2024	November 2024
TBD	Powhatan Ferry Overhaul – Dry Dock	ASD	May 2024	August 2024
TBD	Powhatan Ferry Overhaul – Non-Dry Dock	ASD	May 2024	August 2024
123794	Electronic Throttle Control for Surry and Williamsburg Ferries	ASD	August 2024	November 2024
123796	Rescue Boat Davit for Surry Ferry	ASD	August 2024	November 2024
123854/5/7/8/9	O&M Staff Augmentation – HRBT, MMMBT, JSF, Maintenance, Traffic Operations	ASD	November 2023	April 2024

# We Keep Virginia Moving



# **DISTRICT ENGINEER'S CLOSING COMMENTS**

**| Christopher G. Hall, P.E.**

**November 1, 2023**

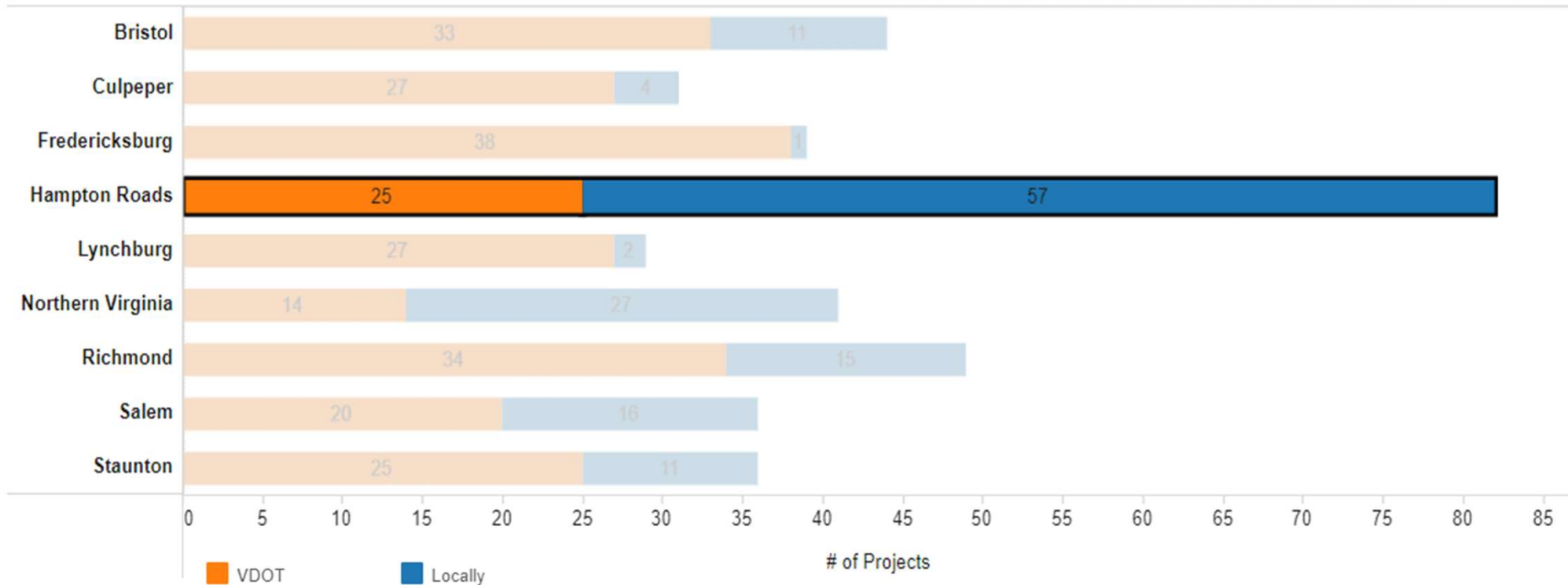


# Thank You





# FY24 Project Count by District



- 47% of Statewide Projects are Locally Administered
- Hampton Roads delivers 35% of the Statewide LAP Projects
- Currently there is \$273M in active LAP CN Projects within the District