



July 2025
Monthly Project Report
**I-64 HAMPTON ROADS
BRIDGE-TUNNEL
EXPANSION**

Report No. 76
Project No. 0064-M06-032



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Prepared by:

Virginia Department of Transportation

<https://hrbtexpansion.vdot.virginia.gov/>

1. Executive Summary

1.1 Overview

This report provides an overview of accomplishments and activities for the Hampton Roads Bridge-Tunnel Expansion Project from June 22, 2025 – July 19, 2025. The Design-Builder for the project is Hampton Roads Connector Partners (HRCP), a consortium that includes lead contractors Dragados, Vinci, Flatiron, and Dodin Campenon Bernard, with lead designers HDR and Mott MacDonald.

The current reporting period is aligned with HRCP's fiscal-month structure, on which the project's design-build schedule updates and invoiced construction progress are based. Reporting periods typically close on the Saturday on or preceding the 24th of each month.

During this reporting period, project accomplishments included the following:

- South Island Progress:
 - Installation of portal internal walls 75% complete.
 - Installation of south portal rectilinear approach wall waterproofing 74% complete.
- Tunnel Progress:
 - Completed for ballast placement stage 1.
 - 83% complete for General Purpose (GP) tunnel excavation (6,646 ft out of 7,961 total ft. excavated).
 - 136 concrete tunnel rings installed this period (990 out of 1,194 total rings installed).
- North Island Progress:
 - Rectilinear approach wall waterproofing 92% complete.
 - Exterior wall waterproofing at Cell 1 34% complete.
 - Exterior wall waterproofing at Cell 2 96% complete.
- Landside Progress:
 - Temporary trestle connecting to the South Island for I-64 WB traffic was completed and opened to traffic.
 - Approach slab operations at 13th View Bridge Approach A for eastbound widening completed.
- Marine Progress:
 - South Trestle westbound HOT decks completed.
 - South Trestle westbound beam installation completed.

1.2 Priorities

VDOT's priorities for the Project are to achieve the following objectives:

- To provide mobility enhancements and travel-time reliability along the Project corridor.
- To minimize Project impacts on adjacent communities.
- To improve transportation operations and safety throughout the Project corridor.
- To develop public infrastructure in a financially responsible manner.

1.3 Key Updates

Project Schedule

The last approved schedule for the project is Update 70 (data date: May 25, 2025), and the schedule information in this report reflects this update. Schedule 70 was returned Approved as Noted on June 17, 2025.

Contractual Substantial and Final Completion Dates remain unchanged.

- Substantial Completion on February 26, 2027
- Final Completion on August 27, 2027

The Projected Schedule Completion dates reflected HRCP's Schedule Update 70 are:

- Substantial Completion on February 26, 2027
- Final Completion on August 27, 2027

Project Budget

The project budget summary below now includes all billed to date costs through July 19, 2025, and does not include forecasted cost outside of the reporting period.

- Project budget overview:

Current total project budget:	\$	3,935,451,641
Total costs to date:	\$	2,854,263,677
Remaining project budget:	\$	1,081,187,964

- Design-build contract overview:

Design-build contract original amount:	\$	3,299,997,227.19
Net change orders:	\$	17,461,713.03
Exercised Options:	\$	73,454,414.00
Material Price Adjustments to Date:	\$	135,844,362.00
Assessed Liquidated Damages (LD):	\$	(1,076,000.00)
Design-build contract sum to date:	\$	3,525,681,716.22
Expenditures to date:	\$	2,715,155,974.00
Remaining design-build contract amount:	\$	810,525,742.22

- Design-build progress to date:

Project Management:	95.1%
Design:	97.0%
Physical Construction Progress:	62.7%
Overall:	77.0%

Environmental

Environmental updates for this reporting period include:

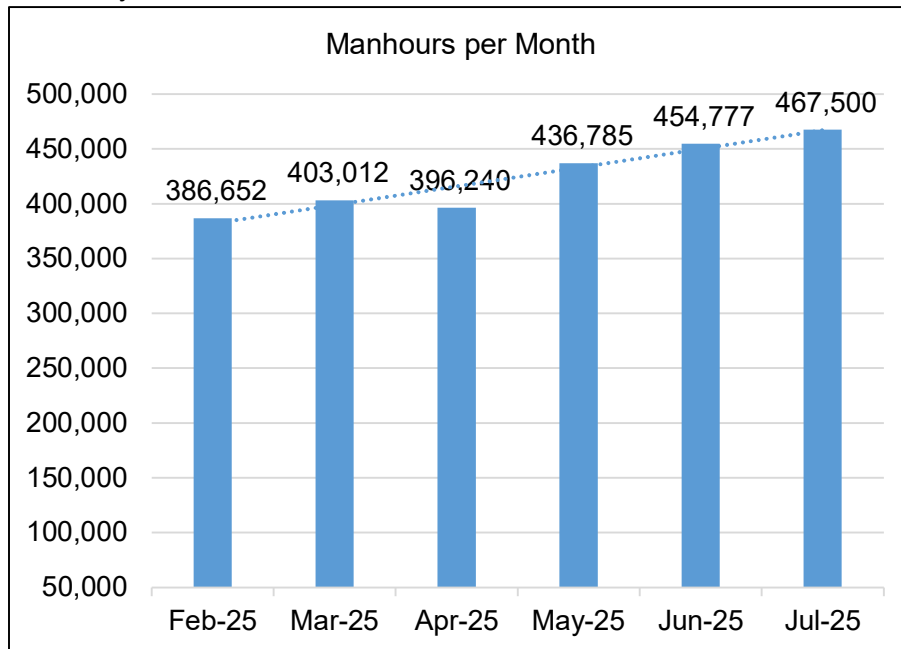
- On June 24, 2025, HRCP provided a revised ingress/egress plan for the use of amphibious tracked vehicle to access shallow march areas to the resource agencies.
- On July 2, 2025, VDOT provided a letter to HRCP regarding the environmental compliance status and unauthorized use of amphibious tracked vehicles at Oastes Creek Bridge.

Construction

Summary progress updates for this reporting period include:

- Landside Roadways
 - Completed barrier wall installation at retaining wall 302 near Bayville St. Bridge.
 - Completed base asphalt placement at retaining wall 301 and 302 near South Trestle.
- Marine Works
 - South Trestle HOT westbound cap placement completed.
- Tunnels and Islands
 - 83% complete for General Purpose (GP) tunnel excavation (6,646 ft out of 7,961 total ft excavated).
 - 94% complete for HT tunnel installation of egress footer.
 - 19% complete for GP tunnel ballast placement stage 1.
- Landside Bridges
 - Completed 4th View Bridge approach slab A and B placement for eastbound widening.
 - Completed latex overlay pour operations for eastbound widening at Mason Creek Bridge.

The number of construction manhours worked each month is provided by HRCP and is current as of July 31, 2025:



Project Manhours to Date:
16,424,725

Operations

The following operations activities took place during this reporting period:

- Short-term lane closures for eastbound and westbound widening activities.
- Installation of underbridge conduit at new South Trestle.
- Traffic shift onto the new WB temporary MOT trestle.
- Long-term detour of Patrol Rd. to facilitate bridge rehabilitation and bridge widening.

Quality

Quality updates for this reporting period include:

- VDOT continues to monitor HRCP's QA and QC material testing. VDOT also performed Independent Testing and Verification Testing on materials in accordance with VDOT requirements and coordinated with VDOT Materials Division for shop inspections as required.
- VDOT continues to engage HRCP in discussions on HRCP's implementation of their Quality Management System Plan (QMSP) and the effectiveness of the plan.

Safety

The following safety performance indicator information is provided by HRCP and is current as of June 30, 2025:

- Total Recordable Incidence Rate: 1.54 (National Average: 2.5)
- Lost Time Incidence Rate: 0.24 (National Average 1.6)

Civil Rights & DBE/SWaM Business Opportunities

HRCP has awarded **383** subcontracts, subconsultant agreements, and purchase orders to certified DBE/SWaM firms on the project. Contract awards continue this period to represent a total of **\$603.5 million** to certified DBE/SWaM firms.

Public Outreach & Media

Public outreach and project media updates provided by VDOT and HRCP for this reporting period include:

- July 16, 2025 – HRBT Expansion Project Team hosted a second STEM exhibit featuring a model of the TBM for the STARBASE Victory Public School Coders camp in Portsmouth.
- July 9, 2025 – (HRBT Expansion Project) HRBT Tunnel Talk Podcast July 2025 episode released <https://hrbtexpansion.vdot.virginia.gov/newsroom/podcast/>

2. Project Schedule

2.1 Schedule Status

The following table depicts key milestone dates for the project and has been updated as of the current approved schedule. The last approved schedule for the project is Update 70 (data date: May 25, 2025), and the schedule information in this report reflects this update. Contractual Substantial and Final Completion dates remain unchanged from the Contract Amendment; February 26, 2027, and August 27, 2027, respectively. The Project Schedule Update 70 Substantial and Final Completion reflect February 26, 2027, and August 27, 2027, respectively. Schedule Update 71 (data date: June 22, 2025) was received by the Department on July 1, 2025, the substantial and final completion dates remain consistent with contractual dates. However, upon the Department's review of Schedule Update 71, it was returned rejected on July 15, 2025.

	Contract Requirement	May 2025 Schedule	Actual
NTP		Sep 11, 2020	Sep 11, 2020
Substantial Completion	Feb 26, 2027	Feb 26, 2027	
Final Completion	Aug 27, 2027	Aug 27, 2027	

2.2 Longest Path

The longest path/critical path in Project Schedule Update 70 is driven by the following activities:

- General Purpose Tunneling - Mining
- TBM disassembly in South Island tri-cell
- South Island Tri-Cell Permanent Structures
- South Island Ventilation Building and Commissioning
- Commissioning – High Occupancy Toll and General Purpose Operational Testing
- Commissioning – Tunnel, Buildings, Roadways, and Trestles Integration Testing
- ITT Reversal
- Substantial Completion

2.3 Impact Analysis

Several elements of work are near-critical and could affect schedule performance if they are not addressed diligently. VDOT and HRCP are closely monitoring these activities. The following work elements have been identified as near critical, meaning there is less than one month of float in the current schedule.

South Portal – Work Below Grade

- South Portal Cell 1 Temporary Structures – Construct Shield and Gantry Cradle
- South Portal Rectilinear Approaches SOE – U-wall on Shore – SW to Sheet Pile Connection
- South Island Expansion Cell 1 Permanent Structures – Mud Slabs, Base Slabs, Exterior Walls & Waterproofing, & Roadway Concrete
- South Island Expansion Cell 2 Permanent Structures – Mud Slabs, Base Slabs, Exterior Walls & Waterproofing, & Roadway Concrete

South Island – Work Above Grade

- South Island Phase 1 Ventilation Building Construction
- South Island Flood Gate House Building Construction
- South Island Buildings Final MEP Work, Commissioning and Functional Testing

Tunneling

- TBM Disassembly Cell 1 – Slab and Quay
- High Occupancy Tunnel – Interior Structures – South to North Sta. 677+85 to 598+44
- General Purpose Tunnel – Interior Structures – North to South Sta. 598+44 to 677+85
- High Occupancy Tunnel – Final MEP Construction & Commissioning
- General Purpose Tunnel – Final MEP Construction & Commissioning

North Portal – Work Below Grade

- North Portal Cell 2 Permanent Structures – External Walls, Interior Walls, Plenum Slabs, Struts & Roof Slabs
- North Portal Cell 1 Permanent Structures – Headwall, External Walls, Internal Walls, Portal Walls, Roadway Slabs, Plenum Slabs, Roof Slabs

North Island – Work Above Grade

- North Island Ventilation Building – Phase 1 Ventilation Construction
- North Island Ventilation Building – Phase 2 Ventilation Construction
- North Island Garage Building – Foundation Excavation
- North Island TOC Building – Foundation Excavation
- North Island Crash House Building – Foundation
- North Island Maintenance Facility Extension Building – Construction
- North Island Flood Gate House Building – Construction
- North Island Existing Administration Building – Interior Alterations
- North Island Buildings Final MEP Work, Commissioning and Functional Testing

Roadway and Land Bridges

- Segment 1 Hampton – Remove Existing I-MVD
- Segment 1 Phase 1A, 1B, 2, 2A, 2B, & 3 – MOT, Roadway Widening, Storm Drainage, Retaining Walls
- Mallory Street Local Roads – MOT, Roadway Widening
- Segment 3b Phase 2A, 2B, 3A, & 4 – Roadway Widening, Storm Drainage, Retaining Walls
- Segment 3d Phase 3, 3A, & 4 – Roadway Widening, Storm Drainage, Retaining Walls
- Segment 4 Phase 4, & 4A – Roadway Widening, MOT, Storm Drainage, Retaining Walls

- ITS Segment 1 Phase 1A, 2, 2A, & 3 – Installation
- ITS Segment 3b Phases 3A & 4 – Installation
- ITS Segment 3d Phases 4 – Installation
- ITS Segment 4 Phase 2, 3, & 4 – Installation
- Blue Crab Willard Switchgear Replacement – Switchgear Civil Works, Building Support, Switchgear, Pre-commissioning & Energization
- Rockfish Substation Construction, Installation and Commissioning
- Mallory Bridge – Substructure and Superstructure Construction
- Willoughby Bridge EB – Units 1 to 5 Sound Wall Installation
- Willoughby Bridge WB – Substructure, Superstructure Construction & Superstructure Rehabilitation
- 4th View Bridge EB – Superstructure Finishes
- 4th View Bridge WB – Superstructure Construction & Superstructure Rehabilitation
- Mason Creek Bridge EB – Superstructure Finishes
- Mason Creek WB – Superstructure Construction
- 1st View Bridge EB – Superstructure Finishes
- 1st View Bridge WB – Superstructure Construction
- Bay Ave. Bridge EB – Substructure & Superstructure Construction
- Bay Ave. Bridge WB – Substructure, Superstructure Construction & Superstructure Rehabilitation
- Evans Bridge EB – Superstructure Finishes
- Evans Bridge WB – Superstructure Construction & Superstructure Rehab
- Bay View Bridge EB – Superstructure Finishes
- Bay View Bridge WB – Permanent Lighting & Superstructure Rehab
- Oastes Creek Bridge EB – Superstructure Finishes
- Oastes Creek Bridge WB – Superstructure Construction & Superstructure Rehab
- Patrol Road Bridge EB – Superstructure Construction
- Patrol Road Bridge WB – Superstructure Construction & Superstructure Rehab

Trestles

- North Trestle – Existing Eastbound – Demolition
- North Trestle – Existing Westbound – Demolition
- North Trestle – N3 Temporary Work Trestle Installation
- North Trestle – N3 Temporary Work Trestle Demolition
- North Trestle – Westbound Zone 8, & 9 Construction
- North Trestle – ITS Phase 3B & 4
- South Trestle – Existing Eastbound – Demolition
- South Trestle – Existing Westbound – Demolition
- South Trestle – Temporary Work Trestle S2 Removal
- South Trestle – Temporary Work Trestles S3.3, & S4 Installation
- South Trestle – Temporary Work Trestle S5 Demolition
- South Trestle – Zone 2 Finishes
- South Trestle – Zone 4 WB Retaining Wall Replacement & Finishes
- South Trestle – Zones 5, 6, 7, 8 & 9 Construction
- South Trestle – ITS Phases 7, 9, 10, 11, 12 & 13 – Installation

- South Island Expansion – Cell 1 Cofferdam Interior Work
- South Island Expansion – Marine Work – Rock Placement & Substructure

Commissioning and Integration

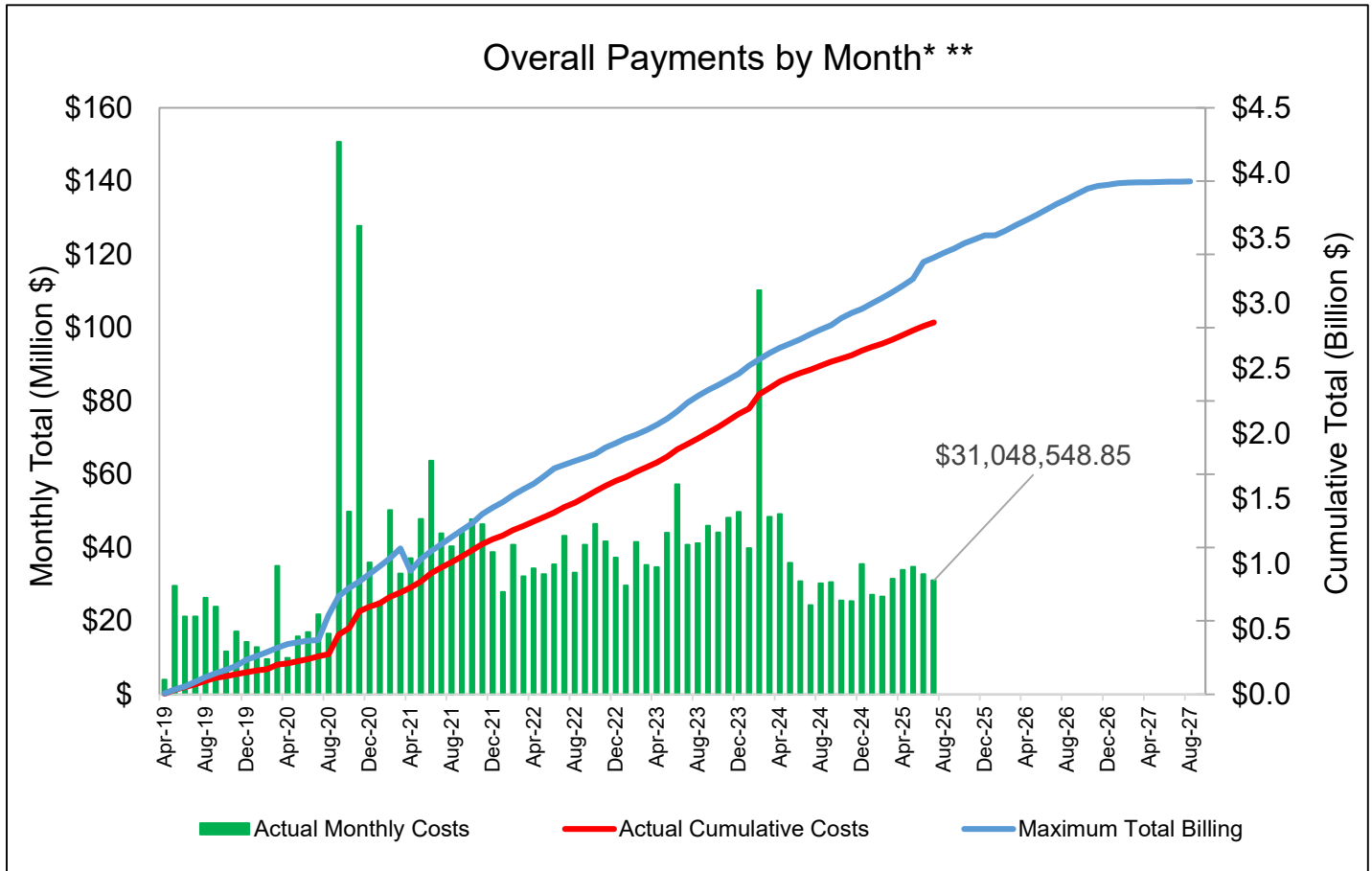
- Operational Testing – General Purpose Tunnel & High Occupancy Tunnel – Egress Corridor Pressurization System
- Commissioning Integration – Existing Westbound Tunnel, Existing Eastbound Tunnel, General Purpose Tunnel, High Occupancy Tunnel, VDOT Building North Shore
- ITT Reversal – Preparation Work for Eastbound Tunnel Traffic Direction Change, Roadway Median Barrier Walls after EB ITT Reversal

3. Project Budget

3.1 Overall Budget

The overall budget outlined in this report is based on the terms and conditions of Article 3 (Project Funding) in the Project Agreement for Funding and Administration (PAFA). The cost curve is based on Exhibit 6 of the Comprehensive Agreement (monthly maximum cumulative compensation amount).

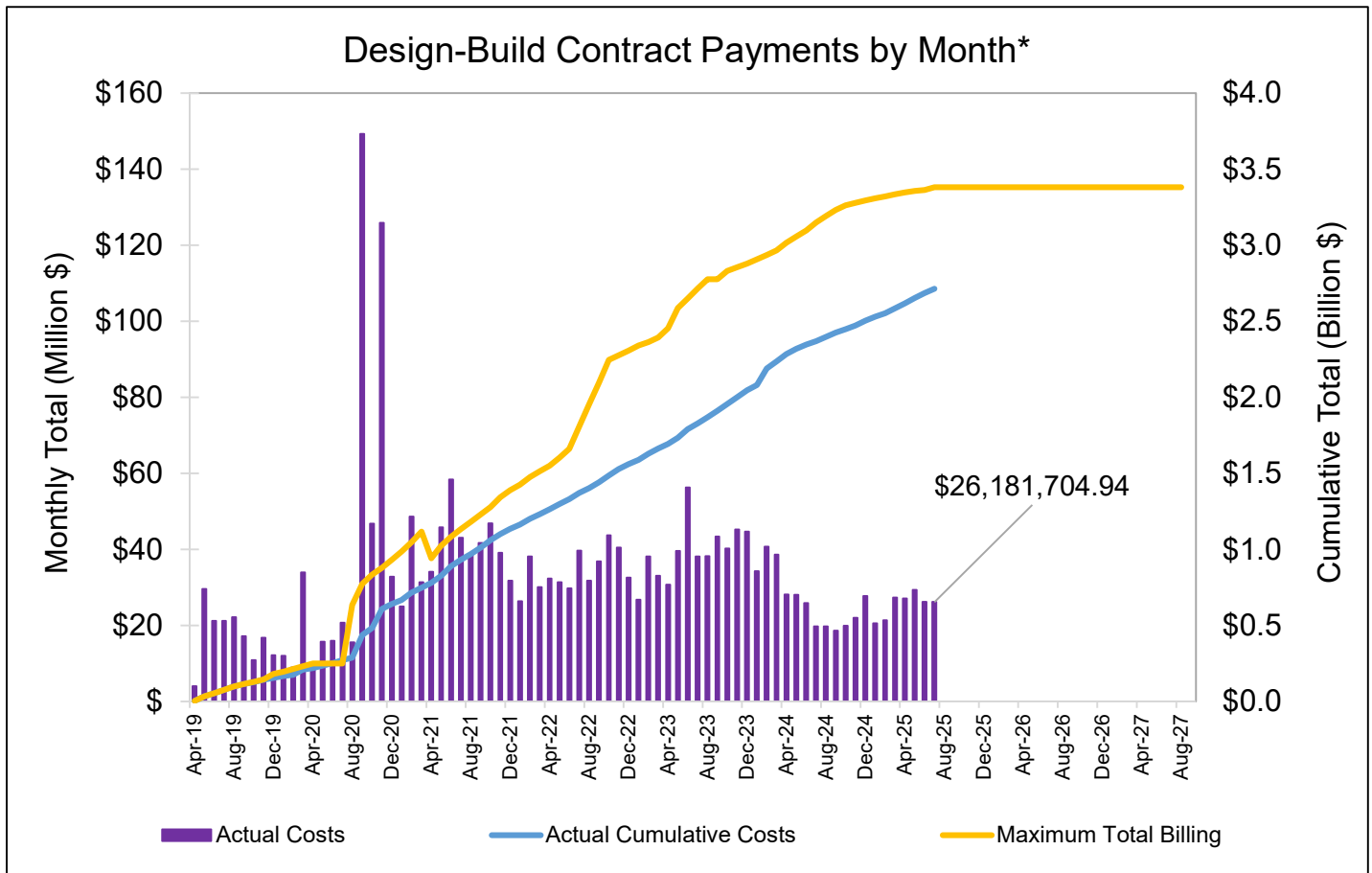
	Amount Spent this Period:	Total Spent to Date:	Original Total Budget:	Total Remaining Budget:	Percent Spent To- date:
<u>Comprehensive Agreement</u>					
<i>Construction</i>	\$26,181,704.94	\$2,514,628,907.86	\$3,299,997,227.00	\$785,368,319.14	76.20%
<u>Owner Costs</u>					
<i>Administration</i>	\$400,265.75	\$125,547,935.69	\$122,000,000.00	(\$3,547,935.69)	102.91%
<i>Right of Way</i>	\$253.36	\$9,559,767.10	\$15,000,000.00	\$5,440,232.90	63.73%
<i>No-Excuses Incentive</i>	\$0.00	\$0.00	\$90,000,000.00	\$90,000,000.00	0.00%
<i>Contingency</i>	\$3,351,423.21	\$189,563,874.61	\$335,000,000.00	\$145,436,125.39	56.59%
<i>Bridge Repair Work Option</i>	\$1,114,901.59	\$14,963,191.47	\$73,454,413.96	\$58,491,222.49	20.37%
<u>Total</u>	\$31,048,548.85	\$2,854,263,676.73	\$3,935,451,640.96	\$1,081,187,964.23	72.53%



*The Maximum Total Billing showed an adjustment in May 2021 due to the executed Change Order #40 – Update Maximum Cumulative Cost Curve.

**The increase to monthly costs during February 2024 is primarily due to initial Material Price Adjustments associated with CA Amendment #1.

3.2 Design-Build Contract Cost Status



The budget and planned cost have been established based on the maximum cumulative compensation amount. For this period, the invoiced expenditures cover the activities noted in this report.

*The Maximum Total Billing showed an adjustment in May 2021 due to the executed Change Order #40 – Update Maximum Cumulative Cost Curve.

3.3 Budget by Funding Source

The budget for expenditures by funding source is based on the terms and conditions of Article 3 (Project Funding) and Exhibit 5 of the PAFA. This section outlines planned expenditures of both HRTAC and VDOT funds. The cost curve has been developed based on the monthly maximum cumulative compensation amount in the Comprehensive Agreement and will be updated as HRCF refines its design, construction means-and-methods, activity sequences, and project resourcing.

3.3.1 HRTAC and Smart Scale

	Amount Spent this Period:	Total Spent to Date:	Original Total Budget:	Total Remaining Budget:	Percent Spent To-date:
<u>Comprehensive Agreement</u>					
<i>Construction</i>	\$25,257,505.69	\$2,457,331,721.01	\$3,204,569,251.00	\$747,237,529.99	76.68%
<u>Owner Costs</u>					
<i>Administration</i>	\$0.00	\$118,472,054.00	\$118,472,054.00	\$0.00	100.00%
<i>Right of Way</i>	\$253.36	\$9,559,767.10	\$15,000,000.00	\$5,440,232.90	63.73%
<i>No-Excuses Incentive</i>	\$0.00	\$0.00	\$90,000,000.00	\$90,000,000.00	0.00%
<i>Contingency</i>	\$3,030,479.97	\$160,502,948.08	\$325,428,276.00	\$164,925,327.92	49.32%
<u>Total</u>	\$28,288,239.02	\$2,745,866,490.19	\$3,753,469,581.00	\$1,007,603,090.81	73.16%

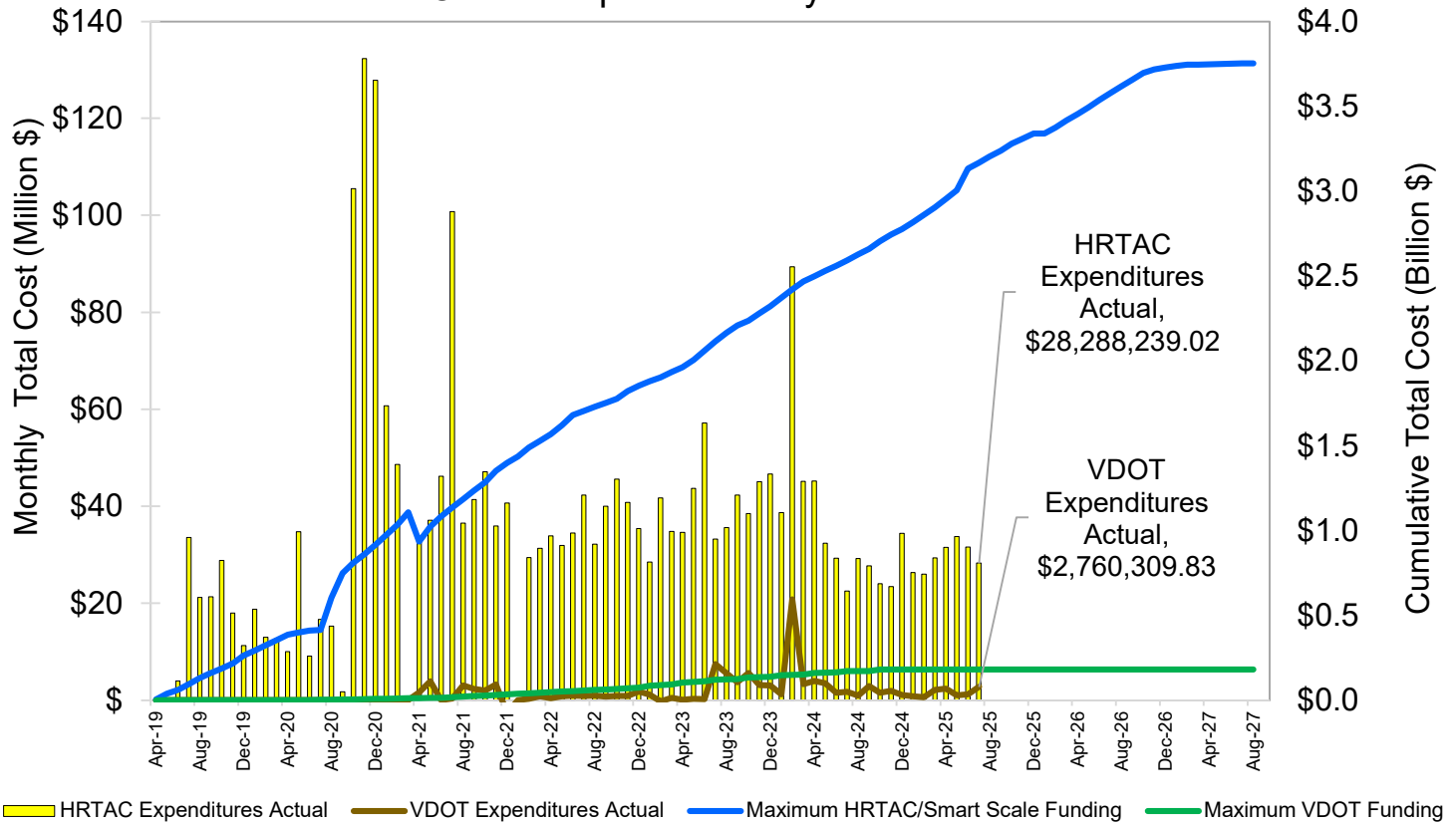
3.3.2 VDOT

	Amount Spent this Period:	Total Spent to Date:	Original Total Budget:	Total Remaining Budget:	Percent Spent To-date:
<u>Comprehensive Agreement</u>					
<i>Construction</i>	\$924,199.25	\$57,297,186.85	\$95,427,976.00	\$38,130,789.15	60.04%
<u>Owner Costs</u>					
<i>Administration</i>	\$400,265.75	\$7,075,881.69	\$3,527,946.00	(\$3,547,935.69)	200.57%
<i>Right of Way</i>	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
<i>No-Excuses Incentive</i>	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
<i>Contingency</i>	\$320,943.24	\$29,060,926.53	\$9,571,724.00	(\$19,489,202.53)	303.61%
<i>Bridge Repair Work Option</i>	\$1,114,901.59	\$14,963,191.47	\$73,454,413.96	\$58,491,222.49	20.37%
<u>Total</u>	\$2,760,309.83	\$108,397,186.54	\$181,982,059.96	\$73,584,873.42	59.56%

* The VDOT Administration costs are due to higher Owners Costs for South Trestle work oversight, bird management, bridge repair oversight, and Visitor Center Costs.

** The VDOT Contingency costs are primarily due to the VDOT portion of the CA Amendment material price adjustments.

Overall Expenditures by Source



3.4 Contingency

3.4.1 Contract Changes

	Description	Date	Value	Time
CO-1	VDOT's Acquisition of Willoughby Staging Area	2/11/2020	\$ (3,000,000.00)	0 days
CO-2	Minor Revisions to Technical Requirements	3/18/2020	\$ -	0 days
CO-3	Tunnel Approach Structure Support of Excavation Requirements Refinement	4/28/2020	\$ -	0 days
CO-4	Dispute Resolution Board (DRB) Allowance	5/12/2020	\$ 200,000.00	0 days
CO-5	North Island Armor Stone Value Engineering Change Proposal (VECP)	4/28/2020	\$ (2,011,117.50)	0 days
CO-6	Exit Ramp at Bayville Avenue	5/29/2020	\$ 46,906.29	0 days
CO-7	Minor revisions to the Technical Requirements	7/16/2020	\$ -	0 days
CO-8	Zero Spread Drainage	9/16/2020	\$ 3,239,212.24	0 days
CO-9	Roadway and Bridge Scope Validation Issues	9/4/2020	\$ 15,516,248.00	0 days
CO-10	Slurry Walls as Permanent Structures	8/28/2020	\$ -	0 days
CO-12	Road and Bridge Lighting Requirements	8/27/2020	\$ 2,495,000.00	0 days
CO-13	Bridge Repair Work-Exercise Option	10/9/2020	\$ 73,454,413.96	0 days
CO-14	Trestle Barrier Form Liner Elimination	7/29/2020	\$ (99,571.80)	0 days

CO-15	South Island Ground Improvement Value Engineering Change Proposal (VECP)	9/17/2020	\$ (5,338,000.00)	0 days
CO-16	Navy Security Fencing Design	7/15/2021	\$ 150,000.00	0 days
CO-17	Westbound ITT Reduced Instrumentation	10/30/2020	\$ (184,277.50)	0 days
CO-18	Willoughby Bay Bridge Barriers	9/10/2020	\$ -	0 days
CO-19	GeoPak Version Software Updates	8/3/2020	\$ -	0 days
CO-21	Material Price Adjustment for Asphalt Materials	2/26/2021	\$ -	0 days
CO-22	South Island Asbestos Conduits	9/16/2020	\$ 81,973.93	0 days
CO-23	Island & Tunnel Baseline Monitoring Requirements	7/22/2020	\$ -	0 days
CO-24	Construction Water Supply	9/10/2020	\$ (609,157.27)	0 days
CO-25	Solids Handling Pumps Requirements	11/12/2020	\$ -	0 days
CO-26	Mass Notification Independent System Requirements	11/12/2020	\$ -	0 days
CO-27	Fixed Fire Fighting System Requirements	11/16/2020	\$ -	0 days
CO-28	HOT Lane Shoulder Width	3/29/2021	\$ 2,950,000.00	0 days
CO-30	Willoughby Bay Bridges Fender & Lighting Replacement	2/12/2021	\$ 1,495,000.00	0 days
CO-31	Builder's Risk Insurance	10/21/2021	\$ 1,500,000.00	0 days
CO-32	VCU Fisheries and SAV Mitigation Plan	4/16/2021	\$ (1,042,144.00)	0 days
CO-33	Tunnel Finishes Height	12/18/2020	\$ -	0 days
CO-38	H-Piles in Aggressive Soils	12/18/2020	\$ (47,541.00)	0 days
CO-39	Re-use of Existing Drainage Pipes	4/20/2021	\$ (100,984.25)	0 days
CO-40	Update Maximum Cumulative Cost Curve	7/15/2021	\$ -	0 days
CO-41	Wetland Mitigation Costs	4/26/2021	\$ 3,503,400.00	0 days
CO-42	Navy Gate 22 Drainage Design and Construction	8/19/2022	\$ 1,524,940.16	0 days
CO-43	Hybrid Trestle Beam Design	7/2/2021	\$ -	0 days
CO-44	SCADA Control of Deluge Valves	7/27/2021	\$ -	0 days
CO-45	HRCF Project Executive/Representative Change	5/24/2021	\$ -	0 days
CO-46	Tunnel Sprinkler Heads Material Change	7/28/2021	\$ -	0 days
CO-47	Evans Street Approach Slab Settlement Repair	6/22/2022	\$ 34,082.83	0 days
CO-48	Scope Reduction – City of Hampton	8/24/2022	\$ (6,072,941.31)	0 days
CO-49	HRCF Senior Representative Change	7/2/2021	\$ -	0 days
CO-50	Change in Precast Form Tolerance & Curing Methods	1/10/2022	\$ -	0 days
CO-52	Key Personnel	10/24/2024	\$ -	0 days
CO-53	Sound Wall Quantity Reconciliation	12/6/2021	\$ (16,561,217.63)	0 days
CO-54	4th View Interchange Design and Construction Drainage	8/17/2022	\$ 984,598.45	0 days
CO-55	HREL Overlap Scope Change in Norfolk - Proposal Costs	8/12/2022	\$ 157,237.34	0 days
CO-56	Building Code Changes - Design	10/21/2022	\$ 2,186,150.00	0 days
CO-57	Design-Builder's Senior and Representative Changes	1/11/2022	\$ -	0 days
CO-58	Scope Reduction – City of Norfolk	5/16/2023	\$ (18,739,670.82)	0 days
CO-59	Fisheries and SAV Mitigation Plan - VCU	6/16/2022	\$ (70,238.22)	0 days
CO-60	Navy Fence (remaining design costs)	8/17/2022	\$ 180,142.36	0 days
CO-61	HRELN Tie-In Zero Drainage Spread	11/29/2022	\$ 2,965,469.69	0 days
CO-62	SIP Forms for Marine Bridges	6/28/2022	\$ -	0 days
CO-63	Bridge Repair Item – Insert Plates - New Unit Prices	8/30/2023	\$ -	0 days
CO-64	Tolling Infrastructure Proposal Costs	10/21/2022	\$ 645,242.40	0 days

CO-65	Snowplowable Raised Pavement Markers (SRPMs)	3/3/2023	\$ 256,174.09	0 days
CO-66	Additional Design Costs – CSPM Code Changes and Island Security Fencing - Unilateral	8/14/2024	\$ 3,541,051.00	0 days
CO-68	Buoyancy Calculations	3/3/2023	\$ -	0 days
CO-69	Change of Department's Senior Representative	4/6/2023	\$ -	0 days
CO-70	Reuse of Existing Pipe 29-26 to 29-31	7/26/2023	\$ (117,734.20)	0 days
CO-71	Addendum to WO-24 Water Supply Line	4/25/2023	\$ -	0 days
CO-72	Bay Avenue Approach Ramp	6/29/2023	\$ 120,053.43	0 days
CO-73	Pile Jackets – Additional Chloride Sampling/Testing	1/10/2024	\$ 118,665.12	0 days
CO-74	South Island – Asbestos Pipes	7/7/2023	\$ 128,883.51	0 days
CO-76	Northern Long-Eared Bat (NLEB) Consultation Process	5/1/2024	\$ 45,463.00	0 days
CO-77	Scope Reduction – Segment 5 ITS Trunk Line	11/12/2023	\$ (153,079.38)	0 days
CO-78	Steel Escalation Price Adjustments	9/19/2023	\$ 2,835,839.00	0 days
CO-79	WB Willoughby Bay Bridge Obstructions	1/10/2024	\$ 50,682.44	0 days
CO-80	Marine Fleet Safe Harbor – Hurricane Ian	1/10/2024	\$ 452,075.00	0 days
CO-81	3-Coat Paint System for Steel on Applicable Bridges	1/10/2024	\$ 140,000.00	0 days
CO-82	CA Amendment Disputed Items Resolution	3/21/2024	\$ 9,910,582.34	0 days
CO-83	Marine Fleet Safe Harbor – Tropical Storms Idalia/Ophelia	1/11/2024	\$ 200,262.16	0 days
CO-84	Bird Management Outside of South Island 2023	2/29/2024	\$ 458,375.51	0 days
CO-85	DRBISC #08 SMOT WB Rock Removal	4/3/2024	\$ 1,135,513.87	0 days
CO-86	OHSS No. 36 Foundation – Archaeologist Assessment	2/20/2024	\$ 14,641.81	0 days
CO-87	Traffic IIM-TE-395	8/12/2024	\$ 787,510.46	0 days
CO-88	Bird Management 2024 to Project Completion	5/1/2024	\$ 2,369,359.64	0 days
CO-91	DRBISC #08 ST Zone 6 Rock Removal	5/8/2024	\$ 1,710,784.92	0 days
CO-93	Construction General Permit - 2024	10/15/2024	\$ 411,136.65	0 days
CO-94	HRCF Representative Change	6/11/2024	\$ -	0 days
CO-96	4 th View Drainage and Pavement Repair	1/6/2025	\$ 163,199.33	0 days
CO-97	Security Fence	11/7/2024	\$ 863,079.73	0 days
CO-98	DRBISC #12 SMOT WB Abutment	11/26/2024	\$ 294,661.79	0 days
CO-99	ITS Cabinet Materials	4/18/2025	\$ 3,296,173.94	0 days
CO-103	Willoughby Bay Bridge Concrete Overlay	4/16/2025	\$ -	0 days
CO-104	Marine Fleet Safe Harbor – Tropical Storm – Debby 2024	3/27/2025	\$ 253,831.48	0 days
CO-105	Design Builder Member Restructuring	3/26/2025	\$ -	0 days
CO-108	Project Representatives Change	5/5/2025	\$ -	0 days
CO-110	DTISC #36 Sub Surface Ground Conditions Ring 1011	5/19/2025	\$ 2,195,784.00	0 days
CO-112	Department's Representative	6/24/2025	\$ -	0 days
TOTAL			\$ 90,916,126.99	0 days

3.4.2 Material Price Adjustments

This progress period included the following material price adjustments:

Material	Current Amount	Total to Date	Material Price Adjustment Through*
Per Contract Adjustments (Federally Eligible Costs)			
Exhibit 9 - Asphalt	\$192.75	\$382,468.62	May 2025
Exhibit 10 - Fuel	\$5,282.28	\$673,394.86	May 2025
Exhibit 11 - Steel	\$136,916.55	\$7,714,217.02	January 2024
Total	\$142,391.58	\$8,770,080.50	
Per CA Amendment Adjustments (Non-Federally Eligible Costs)			
Exhibit 9 - Asphalt	\$0.00	\$0.00	May 2025
Exhibit 10 - Fuel	\$518.26	\$44,439.28	May 2025
Exhibit 11 - Steel	\$265,494.48	\$11,158,816.09	January 2024
Exhibit 10A – Fuel (Atypical Items)	\$5,430.37	\$1,577,600.48	May 2025
Exhibit 15A – Index-Adjusted Commodities	\$1,855,438.35	\$85,585,965.56	January 2024
Exhibit 15B – Escrow-Adjusted Commodities	\$0.00	\$28,707,360.09	May 2025
Total	\$2,126,881.46	\$127,074,281.50	

*Steel price adjustments are based on Federal index data finalized 4 months after each period.

4. Environmental

The following environmental management activities occurred during this reporting period:

Permits:

- VDOT provided a letter to HRCP regarding the environmental compliance status and unauthorized use of amphibious tracked vehicles at Oastes Creek Bridge on July 2, 2025.
- DEQ conducted an inspection of the South Island air permits for generators, STP and batch plant/pugmill plant on July 8, 2025.
- An unauthorized discharge of sediment occurred following a storm event on July 10, 2025. The required 24-hour notice was provided to the agencies.
- A water line burst on the South Island on July 11, 2025. The required 24-hour notice was provided to the agencies.

Marine Mammal Protection:

- No new activities.

Bird Mitigation:

- HRCP continues to remove nest materials from beneath bridge structures near Willoughby Spit and Oastes Creek.
- Flyaway Geese staff and dogs are currently patrolling the project areas to prevent early nesting and egg laying.

Programmatic Agreement:

- No new activities.

Archeological Discoveries:

- No new activities.

Protected Species:

- No new activities.

Environmental Plans/Reports:

- HRCP provided a revised ingress/egress plan for the use of amphibious tracked vehicle to access shallow march areas to the resource agencies on June 24, 2025.
- HRCP provided VDOT an over-the-shoulder review of the 6-month wetland restoration monitoring report on June 25, 2505.
- VDOT provided comments to HRCP on the revised Environmental Protection Plan (EPP) on July 1, 2025.

5. Construction

The figure below illustrates a map of the project corridor. The project is further categorized into four construction areas.

- Construction Area 1 is composed of landside road work.
- Construction Area 2 is composed of marine work, including the North Trestle, South Trestle, and island expansions.
- Construction Area 3 is composed of tunnel and island site work.
- Construction Area 4 is composed of landside road and bridge work.



5.1 Construction Area 1: Landside Roadways

I-64 (Segment 1):

- Completed median barrier wall foundation excavation near South Mallory St. Bridge.
- Completed Type I median barrier wall formwork and concrete placement North of Mallory St. Bridge.
- Continued Type II median barrier wall formwork and concrete placement North of Mallory St. Bridge.

I-64 (Segment 3):

- Continued fine grading and cement treated aggregate preparations at retaining wall 301 near South Trestle Abutment B.
- Completed CTA placement at retaining wall 301 area adjacent to South Trestle.
- Completed base asphalt placement at retaining wall 301 and 302 near South Trestle.
- Completed barrier and blister placements at retaining wall 302 near Bayville St.
- Continued barrier wall installation at retaining wall 302 near Bayville St.
- Continued coping pour operations at retaining wall 309 near 4th View St. Bridge.
- Continued panel installation at retaining wall 310 near 4th View St. Bridge.
- Continued undercut and backfill work at retaining wall 314 between Willoughby Bay and 4th View St. Bridge.
- Continued wall panel installation and backfill operations at retaining wall 314 near Willoughby Bay Bridge.
- Completed concrete pour operations at retaining wall 315 at EB on-ramp from 4th View St.
- Continued stormwater management excavation at 4th View St. Bridge.
- Completed slipform barrier work between 4th View St. bridge and Mason Creek Bridges.
- Continued sound wall panel installation at retaining wall 302 near Bayville St.
- Continued drainage work along 4th View westbound on-ramp.
- Began stormwater pond 28-1 construction at 4th View St. Bridge.

I-64 (Segment 4):

- Completed temporary MOT trestle connecting to the South Island for I-64 WB traffic and opened to traffic.
- Continued progressing roadway and bridge work for upcoming traffic shift on I-64 EB to the newly widened roadway between W. Bay Ave. and Patrol Rd.
- Began median grade work between Oastes Creek Bridge and Bayview Blvd. Bridge.
- Continued grading work in median from Bay Ave. Bridge to Evans St. Bridge.
- Continued grading work in median from Bay Ave. Bridge to Oastes Creek Bridge.
- Continued approach slab rebar installation and formwork operations at Patrol Rd. Bridge.

I-64 (Segment 5):

- Continued headwall backfill operations at structures 36-32 near Patrol Rd. Bridge



◀ **Segment 1**
Along I-64 North of
Mallory St. Bridge



◀ **Segment 3B**
Placement of Lift
base asphalt along
Retaining Wall 301

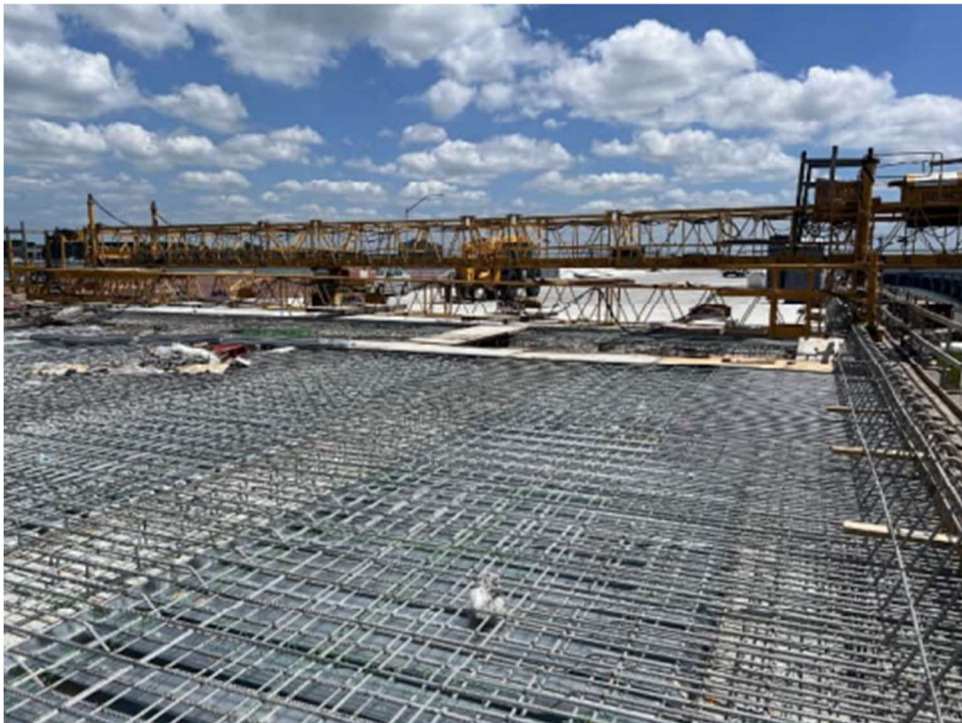
5.2 Construction Area 2: Marine Trestle Work

North Trestle:

- **Westbound**
 - 1 cap placed during this period (27 out of 46 total caps placed).

South Trestle:

- **HOT Westbound**
 - 5 decks placed during this period (16 out of 16 total decks installed).
 - 15 beams installed during this period (80 out of 80 total beams installed).
 - 2 caps placed during this period (16 out of 16 total caps placed).



◀ **North Trestle
Westbound**
Installation of
Reinforcing Steel
for Span 12

5.3 Construction Area 3: Tunnels and Islands

South Island:

- 75% complete for portal internal walls.
- 74% complete for south portal rectilinear approach excavation.

North Island:

- 92% complete for rectilinear approach wall waterproofing at north island portal.
- 34% complete for exterior wall waterproofing at Cell 1.
- 96% complete for exterior wall waterproofing at Cell 2.
- 36% complete for rectilinear approach exterior wall at North Island.

HT Tunnel:

- Completed for ballast placement stage 1 in HT tunnel.
- Continued work on concrete tunnel egress structures in the HT tunnel.
- Continued installation of water main and drainage force main in HT tunnel.
- 94% complete for installation of egress footer in HT tunnel.
- 72% complete for installation of egress structure L-walls in HT tunnel.
- 27% complete for egress structure plenum wall in HT tunnel.
- 2% complete for RCP and drainage inlet installation in HT tunnel.

GP Tunnel:

- 83% complete for General Purpose (GP) tunnel excavation (6,646 ft out of 7,961 total ft excavated).
- 136 concrete tunnel rings installed this period (990 out of 1,194 total rings installed).
- 19% complete for GP tunnel ballast placement stage 1.



◀ **North Island**
Cell 2 East Wall
Pour 2
Reinforcing Steel
Installation

5.4 Construction Area 4: Landside Bridges

Mallory Street Bridge:

- Completed footing placement operations at Abutment A for westbound widening.
- Completed footing placement operations at Abutment B for westbound widening.
- Began pedestal placement preparations at Abutment B for westbound widening.

Bayville/13th View Street Bridge

- Completed approach slab operations at Approach A for eastbound widening.
- Completed stay-in-place and reinforcement installation for eastbound widening.
- Began deck placement preparations for eastbound widening.
- Completed concrete pour preparations for Approach B for eastbound widening.

Willoughby Bay Bridge:

- Began A4 overlay placement preparations for spans 31 – 42 for eastbound widening.
- Completed A4 overlay placement at spans 16 – 30 for eastbound widening.
- Continued Type C patching for spans 43 – 49 for eastbound widening.
- Completed pile driving operations at bent 12 for westbound widening.
- Continued deck placement preparations at spans 41 – 43, and 46 - 48 for westbound widening.
- Completed deck placement for spans 45 - 47 for westbound widening.
- Completed pile driving operations at bent 56 for westbound widening.
- Completed girder installation operations at bent 12 for westbound widening.
- Continued stay-in-place and reinforcement installation for westbound widening.
- Continued pile driving operations for westbound widening.
- Continued repair/rehabilitation operations of existing westbound bridge.
- Began cap installation preparations at bent 10 for westbound widening.
- Continued girder installation operations for westbound widening.

4th View Bridge

- Began parapet placement preparations for eastbound widening.
- Completed approach slab A and B placement for eastbound widening.
- Completed deck extension placement for eastbound widening.

Bay Avenue Bridge:

- Continued deck placement operations for spans 15 – 17 for eastbound widening.
- Completed latex overlay placement for spans 1 - 10 for eastbound widening.
- Completed cap installation at bent 13 for eastbound widening.
- Began parapet placement preparations for eastbound widening.
- Continued parapet placement preparations for eastbound widening.
- Continued girder installation in gore area for eastbound widening.
- Completed pile driving operations at bent 13 for eastbound widening.

Mason Creek Bridge

- Began parapet placement preparations for eastbound widening.
- Completed deck extension operations for eastbound widening.
- Completed latex overlay pour operations for eastbound widening.

1st View Bridge

- Began parapet placement preparations for eastbound widening.
- Completed deck extension operations for eastbound widening.
- Completed latex overlay pour operations for eastbound widening.

Evans Street Bridge

- Continued pile driving operations at Abutment B for westbound widening.

Oastes Creek Bridge

- Began trestle set up preparations for westbound widening.

Patrol Road Bridge:

- Continued placement preparations for approach A for eastbound widening.
- Continued deck placement preparations for eastbound widening.
- Began beam seat placement preparations for at Abutment B for westbound widening.
- Completed pile driving operations at Abutment A for westbound widening.
- Continued rehabilitation operations for existing eastbound bridge



◀ **Segment 3**
RW 310 subgrade
work near 4th View
EB on-ramp

6. Operations

Operations activities include shoulder and lane closures, creation and maintenance of Intelligent Transportation System (ITS) architecture, other maintenance within the corridor, coordination with existing VDOT Operations, and communication with the Hampton Roads Harbor Tunnels (HRHT) facility staff. The following operations activities occurred during this reporting period:

Short-Term Lane Closures:

- Willoughby Bay Bridge, North Trestle, and South Trestle eastbound and westbound to facilitate beam placement as well as concrete placement for piles, caps, and decks.
- Striping maintenance throughout the project corridor.
- Lane closures eastbound and westbound for widening activities.
- Slow rolls westbound I-64 for overhead sign structure removal and equipment mobilization.

Long-Term Lane Closures:

- Bay Ave. in Norfolk to facilitate staging-area access for widening Oastes Creek Bridge.
- Bayview Blvd. in Norfolk and Mallory St. in Hampton to facilitate bridge widening.
- West Ocean Ave. in Norfolk traffic shift to facilitate bridge widening.
- Patrol Rd. in Norfolk traffic shift to facilitate bridge rehabilitation and widening.
- 4th View in Norfolk traffic shift to facilitate bridge widening.

Detours:

- Temporary detour of Bayville on-ramp for paving activities
- Temporary detour of 4th View on and off-ramps westbound for roadway lighting and ITS activities.
- Temporary detour of West Bay Ave. on-ramp eastbound for lane shift activities.
- Long-term detour on Mason Creek Rd. to facilitate bridge widening.

Norfolk Traffic Shifts

- On June 22nd, traffic shifted onto the widened portion of EB I-64 from W. Bay Avenue to Patrol Road to allow the start of median work.

South Trestle Traffic Shifts

- On July 9th, traffic shifted onto the new WB temporary MOT trestle to allow demolition of a portion of the existing EB South Trestle which will facilitate construction of the permanent connections to the South Island.

Intelligent Transportation System (ITS):

- Installation and activation of relocated ITS at South MOT Trestle
- Pulling and testing of MV power and SCADA cables at South MOT Trestle
- Pulling and testing of relocated TBM power at South MOT Trestle
- Installation of underbridge conduit at new South Trestle
- Continued underground conduit and junction box installation
- Continued installation of temporary MV power conduit at North Trestle EB.
- Continued wiring the relay building associated with Dominion substation installation

- Fiber testing of Medium Voltage SCADA between Willard Substation and Admin Building.
- Cable pulling for permanent/temporary Medium Voltage on North Trestle.

Overhead Sign Structures:

- Temporary relocation of WB Overheight Detection sign to skid mount in median.

Roadway Lighting:

- Continued permanent lighting underground conduit and installation.
- Continued permanent lighting foundation and pole installation
- Continued temporary lighting installation at South MOT bridge.
- Addressing maintenance of temporary lighting throughout the corridor.
- Addressing maintenance of temporary lighting throughout the corridor.

7. Quality

Quality updates for this reporting period include:

Construction Quality Management Plan (CQMP) Updates:

- VDOT reviews CQMP updates as part of final “Released for Construction” (RFC) design packages and “Notice of Design Change” (NDC) packages. No packages were received during this period.
- Revision 22 of the CQMP was received during this period and is currently under review.

Independent Assurance (IA) Testing Activities:

- VDOT continues to monitor HRCP’s QA and QC material testing. VDOT also performed Independent Testing and Verification Testing on materials in accordance with VDOT requirements and coordinated with VDOT Materials Department for shop inspections as required.

Quality Management System Plan (QMSP):

- VDOT continues to engage HRCP in discussions on HRCP’s implementation of their QMSP and the effectiveness of the plan.
- Revision 29 of the QMSP was received during this period and is currently under review.

Material Book Records:

- VDOT conducted a monthly review of the current records, and HRCP is responding to audit comments provided by VDOT. Review of the Material Book records includes confirming that HRCP is completing the proper documentation for Buy America compliance. VDOT has completed the full audit of forty-one volumes of Material Book records and is currently auditing three additional volumes of Material Book records.

Routine Quality Activities:

- VDOT’s quality team conducted reviews of written deficiency notices (WDNs), non-conformance reports (NCRs), root cause analyses and dispositions of deficiencies, with 15 NCRs reviewed for concurrence during this period. VDOT conducted reviews of QA and QC records for accuracy and quality issues and coordinated documentation reviews through VDOT’s Material Department. VDOT also continues a review of current construction quality by performing inspections based on VDOT’s Construction Quality Improvement Program (CQIP).

8. Safety

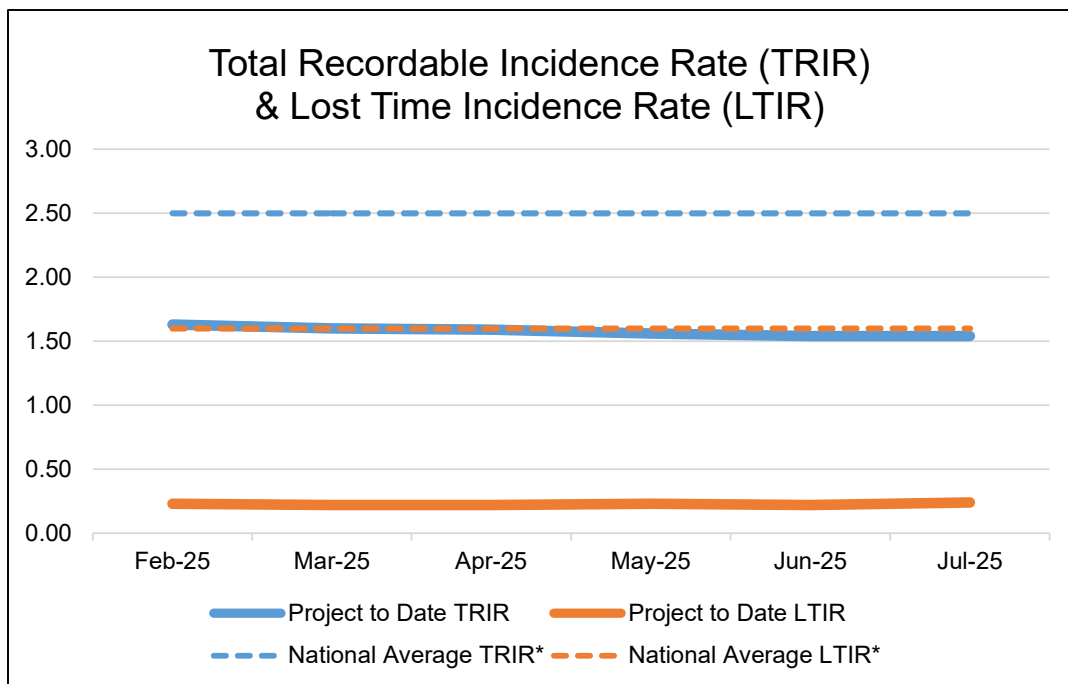
Safety procedures and activities during this reporting period include:

Safety Activities:

- HRCP held utilities avoidance training for all work areas.
- HRCP held severe weather training for all work areas.
- HRCP has increased safety training in Area 3 for upcoming formwork and accident avoidance in work areas.
- HRCP began training on musculoskeletal injuries and avoidance.

Safety Performance Indicators:

- The following safety performance indicator information is provided by HRCP and is current as of July 31, 2025:



**National averages are from the Bureau of Labor Statistics, US Department of Labor – 2021 Data for Construction Industry, Published November 9, 2022.*

9. Civil Rights & DBE/SWaM Business Opportunities

To date, HRCP has awarded **383** subcontracts, subconsultant agreements and purchase orders to certified DBE/SWaM firms. The total contract award is **\$603.5 million** to date. A total of **\$556.6 million** has been paid for work completed by DBE/SWaM firms.

Compliance Activities:

HRCP and VDOT met on July 15, 2025, for the monthly Civil Rights Workgroup Meeting. During the meeting, VDOT discussed DBE/SWaM participation, upcoming reports, and the Design-Builder's response to subcontract payments. The status of the OJT program and program requirements were also discussed. VDOT continues to document progress in the processing of vendor payments.

- During the reporting period, HRCP's 2nd Quarter 2025 DBE/SWaM Good Faith Efforts Report/C-111, DBE/SWaM Utilization Plan, and Workforce Participation Plan were submitted as required by the Comprehensive Agreement for VDOT's formal review.

Workforce Development Activities:

- HRCP's On-the-Job Training Program currently represents 52 graduates of the contract goal of 80. There are 14 active enrolments from this reporting period with 8 candidates under review by the Department.
- Workforce Participation: Minorities represent 75.02% of the contract goal of 27.1% and Women represent 11.55% of the contract goal of 6.9%.

10. Public Outreach & Media

The following public outreach and project media activities occurred in this period:

Public Outreach

- June 23, 2025 – HRBT Expansion Project Team hosted a STEM exhibit featuring a model of the TBM for the Public School Junior University College and Career Readiness Summer Academy in Norfolk.
- June 24, 2025 – HRBT Expansion Project Team hosted a STEM exhibit featuring a model of the TBM for the STARBASE Victory Public School Coders camp in Portsmouth.
- June 25, 2025 – TBM Tunnels Assistant Resident Engineer Lion Nitschke presented at the HRBT Welcome Center open house.
- June 26, 2025 – Assistant Construction Engineer Philip Casteen presented project updates to middle and high school STEM students at Old Dominion University in Norfolk.
- June 27, 2025 – VDOT Hampton Roads District Engineer Christopher Hall and Project Director Ryan Banas presented project updates to executives from Elizabeth River Crossings (ERC).
- July 1, 2025 – HRBT Expansion Project Team provided project updates, a HRBT Welcome Center tour, and a project tour for Mary Jackson Community Center students in Hampton.
- July 9, 2025 – HRBT Communications Director Paula Miller provided project updates to members of L&F Realtors Group.
- July 9, 2025 – HRBT Expansion Project Team provided project updates to Tabb Senior Center.
- July 11, 2025 – The HRBT Welcome Center presented project information to students at Norfolk Academy's Museum Madness summer camp.
- July 12, 2025 – The HRBT Welcome Center hosted the first of two Open House events for the month.
- July 16, 2025 – HRBT Expansion Project Team provided project updates to Cape Henry Rotary Club.
- July 16, 2025 – HRBT Expansion Project Team hosted a second STEM exhibit featuring a model of the TBM for the STARBASE Victory Public School Coders camp in Portsmouth.

- July 18, 2025 – HRBT Expansion Project Team provided project updates to U.S. Army Installation Management Command (IMCOM) staff.

Media

- June 30, 2025 – (HRBT Expansion Project) June 2025 monthly newsletter <https://conta.cc/40pHx4Y>. The newsletter features the summer construction updates <https://vimeo.com/1096731389/dc417a243b?share=copy>
- July 8, 2025 – (WTKR) Lane changes coming to HRBT this month <https://www.wtkr.com/transportation/lane-changes-coming-to-hrbt-this-month>
- July 8, 2025 – (WAVY) I-64 west traffic shift at HRBT overnight Wednesday <https://www.wavy.com/traffic/hrbt-expansion-project/i-64-west-traffic-shift-at-hrbt-overnight-wednesday/>
- July 9, 2025 – (HRBT Expansion Project) HRBT Tunnel Talk Podcast July 2025 episode released <https://hrbtexpansion.vdot.virginia.gov/newsroom/podcast/>
- July 10, 2025 – (Daily Press) Editorial: As expansion proceeds, a light at the end of the (bridge-)tunnel <https://www.dailypress.com/2025/07/10/editorial-as-expansion-proceeds-a-light-at-the-end-of-the-bridge-tunnel/>

Lane Closures/Advisories

- June 27, 2025 – Weekly Lane Closure Report
- July 8, 2025 – Overnight traffic shift on I-64 WB
- July 11, 2025 – Weekly Lane Closure Report
- July 18, 2025 – Weekly Lane Closure Report

Visit our website to view more information:

<https://hrbtexpansion.vdot.virginia.gov/>