



Hampton Roads Bridge-Tunnel

VDOT



May 2020 Project Report

I-64 HAMPTON ROADS BRIDGE-TUNNEL EXPANSION

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Report #14



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Issue date: June 12, 2020

1. Executive Summary

1.1 Reporting Period

This report, prepared by the Virginia Department of Transportation (the Department), provides an overview of accomplishments and activities for the Hampton Roads Bridge-Tunnel Expansion project (the Project) from April 19, 2020 – May 23, 2020. The Design-Builder for the Project is Hampton Roads Connector Partners (HRCP), a consortium that includes Dragados, Vinci, Flatiron, and Dodin Campenon Bernard.

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.

1.2 Project Accomplishments

During this reporting period, the following project accomplishments were recorded:

- Although outside this period, the project received the Virginia Marine Resources Permit on June 8, 2020.
- The Virginia Department of Environmental Quality (DEQ) draft permit was public noticed on Friday, May 22, 2020 with the comment period ending on June 22, 2020.
- HRCP submitted an Engineer's Report to Department of Environmental Quality (DEQ) in support of the Virginia Pollutant Discharge Elimination System (VPDES) discharge permit.
- HRCP reviewed and commented on the draft DEQ Virginia Water Protection (VWP) permit and published the draft permit on May 22, 2020.
- HRCP received the U.S. Army Corps of Engineers (USACE) draft proffered permit for review and comment.
- HRCP received the draft National Oceanic and Atmospheric Administration (NOAA) Incidental Harassment Authorization (IHA) and provided comments back to NOAA on May 21, 2020.
- HRCP submitted the Fish and Submerged Aquatic Vegetation Compensation Package to Virginia Marine Resources Commission (VMRC) on May 22, 2020.
- HRCP received concurrence that Section 7 coordination has been completed with U.S. Fish and Wildlife Service (USFWS) and NOAA.

1.3 Priorities

The Department'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

1.4 Schedule

Schedule updates for this reporting period include:

- HRCP identified a concurrent critical path through utility relocation on the South Island.
- HRCP remains on track to achieve Substantial Completion in advance of the contract milestone of September 1, 2025.
- Final Completion remains as scheduled for November 1, 2025.
- Approximately 19% of the contract time has progressed to date.

1.5 Budget and Cost

The budget and cost updates for this reporting period are as follows:

- Project budget overview (through May 2020 payment application):

Total project budget:	\$3,858,997,227
Total charges for efforts to date:	\$255,303,114
Remaining project budget:	\$3,603,694,113

- Design-build contract overview (through May 2020 payment application):

Total contract amount:	\$3,295,196,109.50
Total charges for efforts to date:	\$234,967,834
Total work orders:	(\$4,811,117.50)

- Design-build progress to date (through May 2020 payment application):

Overall:	7.13%
Mobilization:	10.81%
General Requirements (incl. Project Management):	7.18%
Design:	44.80%
Physical Progress:	1.53%

1.6 Environmental Management

During this reporting period, HRCP took the following steps in support of permit acquisition for the project:

- The Virginia Department of Environmental Quality (DEQ) draft permit was public noticed on Friday, May 22, 2020 with the comment period ending on June 22, 2020.
- HRCP provided comments on May 19, 2020 to DEQ on the draft VWP permit issued on May 15, 2020. Comments were accepted and HRCP public noticed the DEQ VWP permit on May 22, 2020.
- HRCP provided a draft Fish and Submerged Aquatic Vegetation Compensation Plan to VMRC for review on May 22, 2020.
- HRCP provided comments on May 21, 2020 to NOAA – National Marine Fisheries Service (NMFS) on the draft Incidental Harassment Authorization (IHA).
- HRCP provided a draft response to FHWA regarding NOAA comments on the Essential Fish Habitat (EFH) Assessment. On May 19, 2020 FHWA acknowledged NOAA's acceptance and concurrence on the EFH.
- HRCP submitted an artificial reef placement plan to VMRC.

1.7 Quality

Quality updates for this reporting period include:

- HRCP submitted the revised DQMP on May 20, 2020 for VDOT review.
- VDOT participated in HRCP preparatory inspection meetings held for the Low Voltage/Medium Voltage and Manhole relocation work for the South Island.
- Other Quality activities included reviews of Material Book Documentation and QA/QC Daily reports, Non-Conformance Report (NCR) resolution coordination with HRCP and conducting weekly Quality Status meetings.

1.8 Operations

The following operations activities took place during this reporting period:

- Shoulder closures and lane closures were conducted for geotechnical exploration and survey work.
- Corridor-wide field inspections were performed for the inspection of drainage structures.
- Marine geotechnical explorations continue, while Phase 1 of landside geotechnical borings are nearly complete.
- Erection of 28 modular office trailers completed on the South Island.
- Utility relocation work continues on the South Island.
- Temporary concrete barrier was placed along the eastbound lanes to restrict access to the west side of the South Island.
- 600 cubic yards of concrete placed to form a temporary slab that will support the future onsite water treatment plant.

1.9 Safety

Safety procedures and activities during this reporting period include:

- Daily Risk Assessments (DRA's) are completed on site with all field staff groups and are reviewed by HRCP/HRBT staff to ensure compliance.
- All personnel are urged to use caution entering/exiting the tunnel islands, be aware of traffic conditions, and have an adequate gap in traffic to accelerate safely into the travel lane.
- Limitations on gatherings of 10 people or more remain in effect. Large meetings, including Safety Orientation Training, are being held using audio or video formats. In compliance with Commonwealth of Virginia guidance, office and field personnel are adhering to COVID-19 health and safety measures, including social distancing and the use of additional equipment as appropriate for the workplace situation.
- During the nighttime concrete pour on May 7-8, 2020 for the South Island slab, Maintenance of Traffic coordination ensured a safe working site for the off-loading and placement of the concrete with backing spotters available at all necessary locations and a pilot truck to coordinate the 62 concrete trucks exiting the island.

1.10 DBE & SWAM Business Activities

DBE & SWaM business activities for this reporting period are as follows:

- Association for the Improvement of American Infrastructure (AIAI) Webinar
- DBE/SWaM Virtual Networking Session

1.11 Public Outreach

Public outreach updates for this reporting period are as follows:

- Members of VDOT's HRBT Expansion Team have participated in more than 100 outreach events to date.
- Of specific note in this period, the following activities were completed:
 - Virtual Public Outreach Presentation to Cape Henry Rotary Club
 - Peninsula Big Buzz Podcast

1.12 Project Media

Project media updates for this reporting period are as follows:

- Project team featured in news stories about Bird Management Plan on South Island

2. Project Accomplishments

2.1 Overview and Look Ahead

Milestones

The LNTP1 completion milestone was achieved on September 24, 2019. LNTP2 and LNTP3 were issued to HRCP on September 25, 2019.

Geotechnical Investigation

The marine geotechnical investigations are on-going, as are landside drilling and laboratory testing for soil classification in Norfolk and Hampton. Completion of the marine geotechnical program is expected in early June 2020. Phase 1 of landside geotechnical borings is nearly complete, with Phase 2 to follow for noise wall locations and refinement of retaining walls.

Environmental Permitting

Several key accomplishments occurred during the reporting period. i) DEQ issued their Draft Permit Public Notice on May 22, 2020; ii) a draft DEQ VWP permit was issued for review on May 15, 2020, (HRCP provided comments back to DEQ on May 19, 2020 and a final draft was published on May 22, 2020); iii) USACE provided HRCP with a draft proffered permit on May 20, 2020 for review and comment; and iv) VMRC will present the project at their May 26, 2020 Commission Hearing.

Additional coordination continues with VMRC and VIMS regarding the fish and submerged aquatic vegetation compensation package. A meeting was held in early May with these agencies to discuss advancing the plan and a draft was provided for review on May 22, 2020.

The City of Norfolk advised the project team on May 14, 2020 that the City was declining any sandy dredged materials from the project for use on their beaches. Similar coordination is continuing with the City of Hampton.

The NOAA draft IHA was provided to HRCP for review in mid-May. Comments were provided back to NOAA on May 21, 2020 and HRCP anticipates receipt of the IHA shortly. Coordination with USACE, VMRC, DEQ, NOAA, FHWA, and USFWS is ongoing and will continue as appropriate through the life of the project.

Construction Operations

Utility relocations are underway on the South Island, to support the installation of the slurry walls for the TBM launch pit.

Third Party Coordination

Post-award coordination with the cities of Norfolk and Hampton, the U.S. Navy and the Federal Highway Administration (FHWA) started in April 2019 and are ongoing. FHWA participates in weekly coordination meetings with VDOT and HRCP.

3. Project Schedule

3.1 Schedule Status

Baseline Schedule

The Baseline Schedule has been accepted as the Schedule of Record. The current longest path for the project remains through the boring of the two new tunnels beginning with the design, permitting, and construction of the South Island Portal.

Permitting Schedule

The Project's USACE, Virginia Department of Environmental Quality (DEQ) and Virginia Marine Resources Commission (VMRC) permits include multiple administrative documents, including the Coastal Zone Management (CZM) consistency determination, the USACE Section 404/10 permit, USACE Section 408 Permission Letter, the DEQ water protection and pollution discharge elimination permit, and the VMRC subaqueous land permit.

The VMRC permit will be considered at the May 26, 2020 Commission hearing. The DEQ Virginia Water Protection (VWP) permit was drafted and published in local newspapers on May 22, 2020. HRCP is anticipating permit issuance by July 1, 2020.

The DEQ Pollution Discharge Elimination System (VPDES) permit application is under review by DEQ. Remaining activities on this permit include receiving a draft permit for review, 30-day public notice, and final permit issuance. This process will likely conclude in August 2020.

The USACE has provided a draft of the Section 404/10 permit for HRCP review, while the outstanding items of Section 408 Determination Package, NOAA IHA, and Section 401 Permit are being resolved. The target for the USACE final permit is July 2020.

For the separate bridge permits, HRCP continues to work with the USCG through the necessary processes and a preliminary public notice (PPN) was issued. HRCP is anticipating having bridge permits in place by early fall 2020.

Key Dates

The following table depicts key milestone dates outlined in the contract requirements. HRCP's submitted Baseline Schedule reflects the early stages of HRCP's planning sequence and will be substantially refined and further detailed as the design advances. This table will be updated to reflect these dates and used as a benchmark to track milestone achievements.

Key Dates	Contract Requirement	Schedule of Record Dates	May 2020 Update	Actual
LNTP1		April 12, 2019	April 12, 2019	April 12, 2019
LNTP1 Completion Milestone		September 25, 2019	September 24, 2019	September 24, 2019
LNTP2		September 29, 2019	September 25, 2019	September 25, 2019
LNTP3		October 9, 2019	September 25, 2019	September 25, 2019
NTP		October 10, 2020	October 10, 2020	
Substantial Completion	September 1, 2025	July 18, 2025	August 8, 2025	
Final Completion	November 1, 2025	November 1, 2025	November 1, 2025	

3.2 Longest Path

The longest-path activities for the Project schedule currently includes two critical paths to the start of the slurry walls. The first one includes the following activities:

- Submittal and approval of South Island Portal – Package 2 – Slurry Walls
- Approval of Slurry Wall shop drawings
- Start of Slurry Walls

The parallel critical path includes the following activities:

- Utilities relocation (Low Voltage, Medium Voltage, Cox and Power)
- Start of the guiding walls and demolition of the adjacent utilities
- Start of Slurry Walls

From the Slurry Walls forward, there is one critical path that includes the following activities:

- Completion of the South Portal Launching Pit
- Assembly of the Tunnel Boring Machine (TBM) in the launching pit
- TBM drive in High Occupancy Toll (HOT) Tunnel, U-turn then drive in General Purpose (GP) Tunnel

- Finishing works and Mechanical, Electrical and Plumbing (MEP) works in the HOT Tunnel
- Commissioning and integration tests

3.3 Impact Analysis

Several elements of work are near-critical and could affect Project progress if they are not addressed diligently. The Department 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 Baseline Schedule:

- Issuance of Construction General Permit (CGP) Rev 2A and 2B
- Design of South Island Portals (SIP) Package 3
- Roadway Design for Miscellaneous Structures
- Slurry Wall Procurement
- Ground Improvement Procurement
- Site Installation & Temporary Structures on South Island

Achieving the initial public-notice milestone for the project's JPA allowed LNTP2 and LNTP3 to be issued. LNTP2 enables procurement of the TBM, while LNTP3 allows commencement of construction work for the launching pit and ground improvement on South Island. Receipt of the project's USACE, DEQ and VMRC permits will allow full NTP for the Project.

4. Budget and Cost

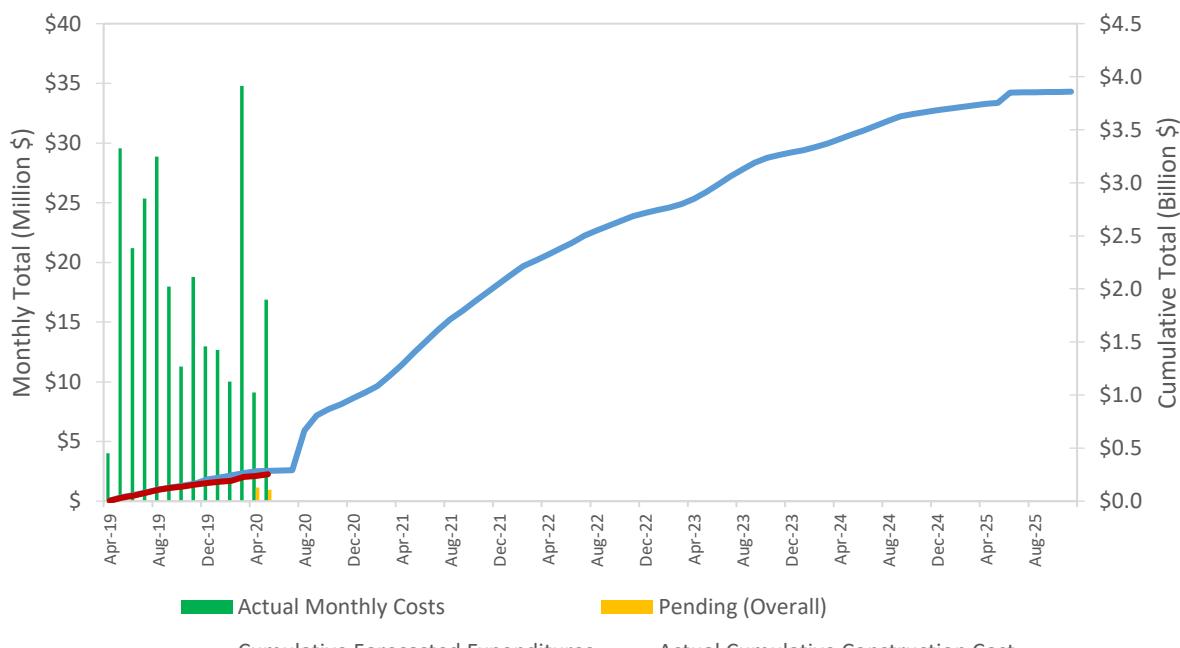
4.1 Overall Budget

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).

Amounts this period reflects payouts for Construction, Engineering Administration, Right of Way, and Contingency between April 19, 2020 – May 23, 2020.

	Amount this period:	Total to Date:	Total Budget:	Total Remaining Budget:	Percent Spent To-date:
<u>Comprehensive Agreement</u>					
Construction	\$24,831,874.00	\$234,967,834.26	\$3,296,997,227.19	\$3,062,029,392.93	7.13%
<u>Owner Costs</u>					
Administration	\$928,369.05	\$7,926,151.64	\$122,000,000.00	\$114,073,848.36	6.50%
Right of Way	\$11,620.19	\$6,372,148.53	\$15,000,000.00	\$8,627,851.47	42.48%
No-Excuses Incentive	\$0.00	\$0.00	\$90,000,000.00	\$90,000,000.00	0.00%
Contingency	\$200,000.00	\$4,200,000.00	\$335,000,000.00	\$330,800,000.00	1.25%
Total	\$25,971,863.24	\$253,466,134.43	\$3,858,997,227.19	\$3,605,531,092.76	6.57%

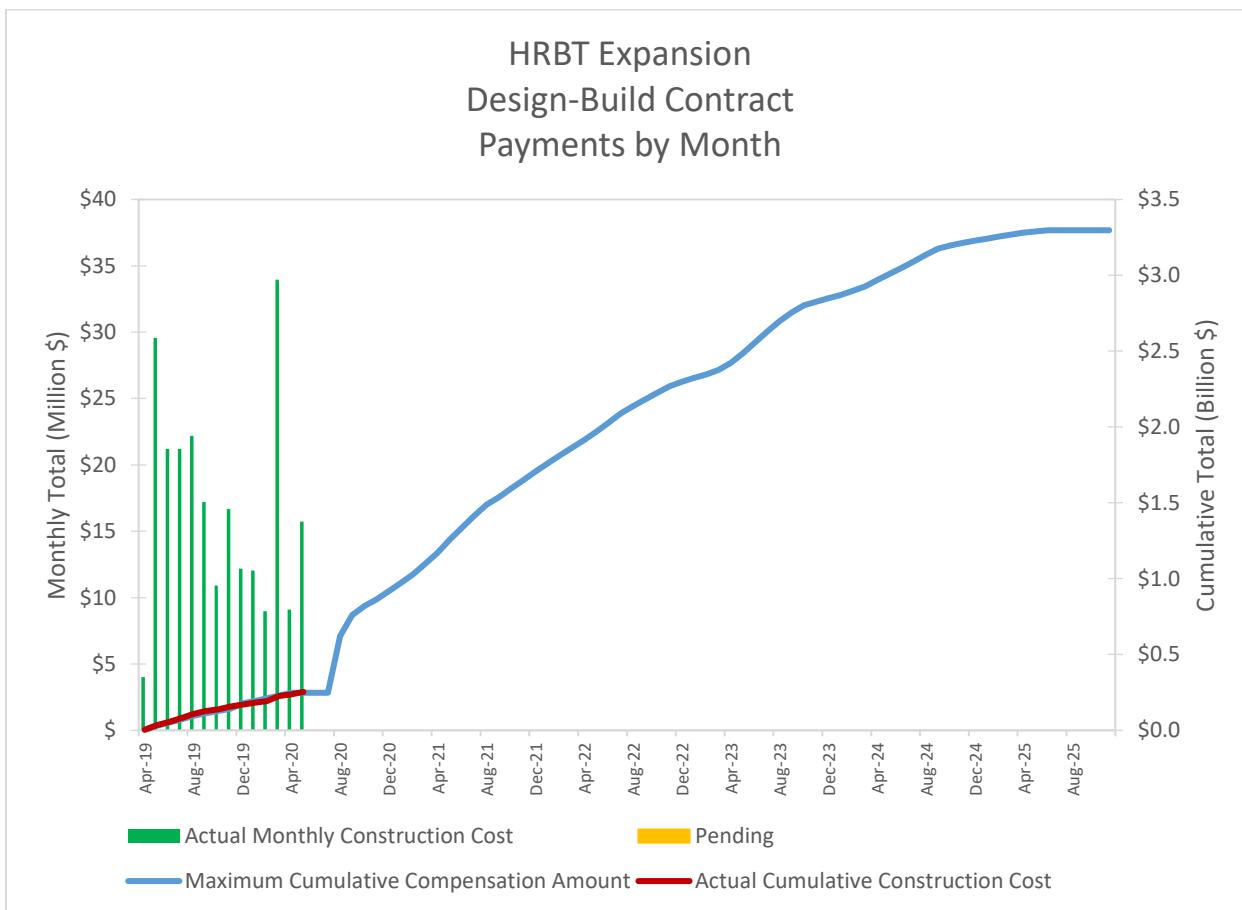
HRBT Expansion
Overall Budget
Payments by Month



4.2 Design-Build Cost Status

The construction budget and planned cost have been established based on the maximum cumulative compensation amount. For this period, the following tasks are associated with the invoiced expenditures (actual construction cost):

- Project management
- Design surveys
- Environmental permitting
- Geotechnical investigation
- Design work



4.3 Budget by Funding Source

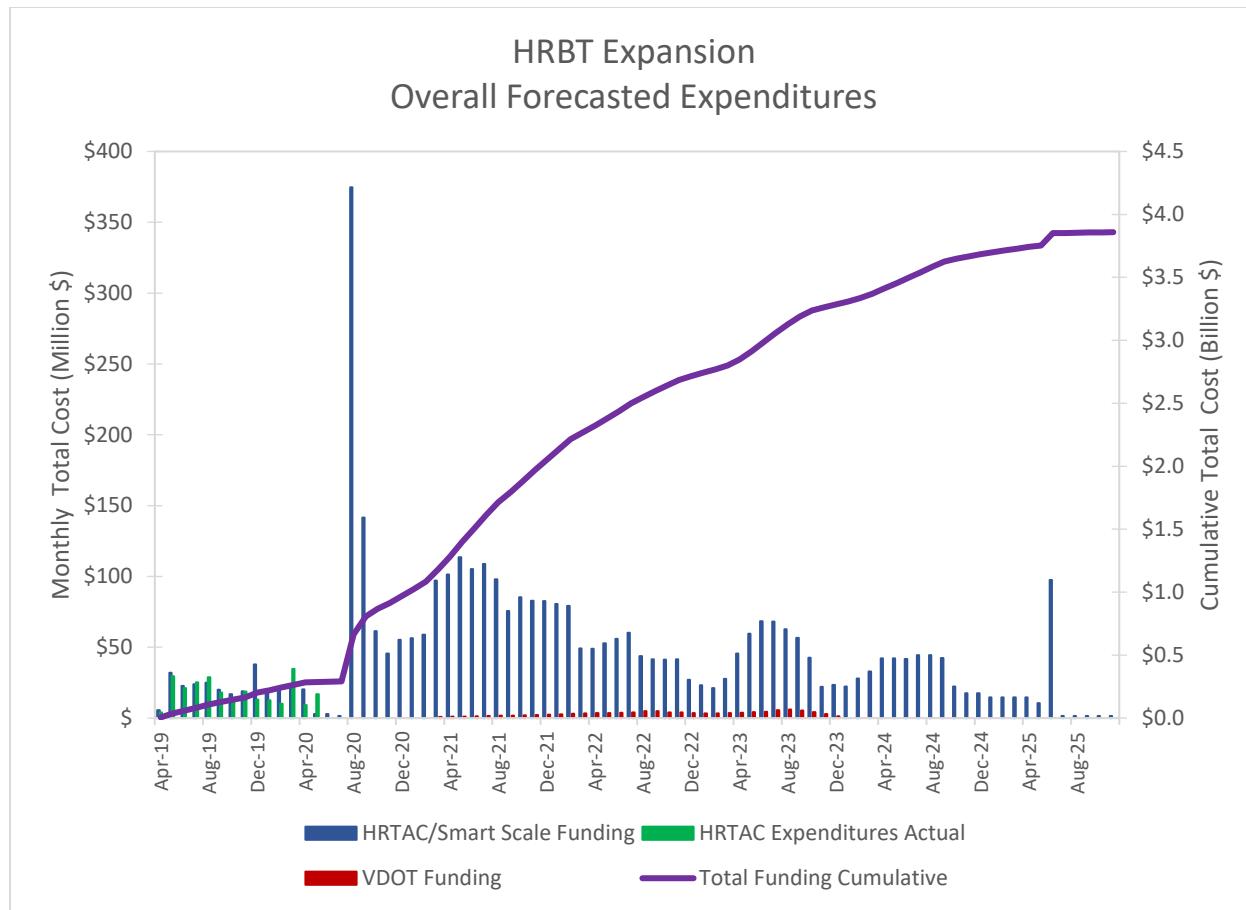
The budget for expenditures by funding source is based on the terms and conditions of Article 3 (Project Funding) and Exhibit 5 of the PAFA. This section outlines planned expenditures by both HRTAC and VDOT. The cost curve has been developed based on the monthly maximum cumulative compensation amount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

4.3.1 HRTAC and Smart Scale

	Amount this period:	Total to Date:	Total Budget Including Smart Scale:	Total Remaining Budget:	Percent Spent To-date:
<u>Comprehensive Agreement</u>					
Construction	\$24,831,874.00	\$234,967,834.26	\$3,201,569,251.14	\$2,966,601,416.88	7.34%
<u>Owner Costs</u>					
Administration	\$928,369.05	\$7,926,151.64	\$118,472,054.00	\$110,545,902.36	6.69%
Right of Way	\$11,620.19	\$6,372,148.53	\$15,000,000.00	\$8,627,851.47	42.48%
No-Excuses Incentive	\$0.00	\$0.00	\$90,000,000.00	\$90,000,000.00	0.00%
Contingency	\$200,000.00	\$4,200,000.00	\$325,428,276.00	\$321,228,276.00	1.29%
Total	\$25,971,863.24	\$253,466,134.43	\$3,750,469,581.14	\$3,497,003,446.71	6.76%

4.3.2 VDOT

	Amount this period:	Total to Date:	Total Budget:	Total Remaining Budget:	Percent Spent To-date:
<u>Comprehensive Agreement</u>					
Construction	\$0.00	\$0.00	\$95,427,976.00	\$95,427,976.00	0.00%
<u>Owner Costs</u>					
Administration	\$2,077.00	\$30,866.00	\$3,527,946.00	\$3,527,946.00	0.87%
Right of Way	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
No-Excuses Incentive	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
Contingency	\$0.00	\$0.00	\$9,571,724.00	\$9,571,724.00	0.00%
Total	\$2,077.00	\$30,866.00	\$108,527,646.00	\$108,527,646.00	0.03%



4.4 Contingency

- To date five (5) Change Orders have been Issued:
 - Change Order #1 (executed February 11, 2020): \$3,000,000 reduction in Contract Price due to Department's acquisition of Willoughby Staging Area.
 - Change Order #2 (executed March 18, 2020): no-cost/no-time amendments corrections to the Technical Requirements.
 - Change Order #3 (executed May 12, 2020): \$200,000 increase in Contract Price due to Dispute Resolution Board (DRB) Allowance.
 - Change Order #4 (executed April 28, 2020): no-cost/no-time Tunnel Approach Structure Support of Excavation Requirements Refinement.
 - Change Order #5 (executed April 28, 2020): \$2,011,117.50 reduction in Contract Price as a result of the North Island Armor Stone Value Engineering Change Proposal (VECP).
- \$0 material price adjustments (asphalt, steel, & fuel) to date

5. Environmental Management

During this reporting period, HRCP provided responses to informal requests for additional information from USACE regarding Section 404/10 permitting. The Virginia Port Authority (VPA) asked for language changes in the Section 408 package to clarify the description of the federal channel. Additional information regarding Section 7 coordination was provided to FHWA and this item ultimately closed during this period.

HRCP provided an Engineer's Report in support of the VPDES application and is seeking signed acknowledgement forms for the adjacent local governments. DEQ issued their draft VWP permit and HRCP provided comments back to DEQ on May 20, 2020. The permit was public noticed by HRCP on May 22, 2020. Coordination with the Hampton Roads Sanitation District (HRSD) was advanced to support the authorization of temporary discharge from early activities before the South Island water treatment plant is authorized through the VPDES permit.

NOAA provided a draft IHA for review and HRCP provided comments on May 21, 2020. HRCP coordination with USACE, VMRC, DEQ, FHWA, and NOAA is ongoing and will continue until the respective permits or approvals are issued. HRCP continues to coordinate with VDOT concerning revisions to the limits of disturbance, proposed improvements at the Willoughby Spit parcel for project staging, DEQ discharge permitting for the bridge/tunnel construction, updates to the Stormwater Pollution Prevention Plan (SWPPP), and modifications to the Construction General Permit (VAR10L793).

6. Operations

Field investigation activities continued this period to support design efforts. Shoulder closures and lane closures were conducted for geotechnical exploration and survey work. Corridor-wide field inspections were also performed for existing drainage structures. Phase 1 of landside geotechnical borings are nearly complete, with Phase 2 to follow for noise wall locations and refinement of retaining walls.

Marine geotechnical explorations continue. Borings in the channel are complete and only borings along the south trestle remain for completion. This program, which consists of over 400 boring locations, is expected to last through early June 2020.

Erection of the South Island office trailers, which is comprised of 28 modular units stacked to create a two-story complex, was completed during this period. Outfitting and utility connections continue to allow occupancy of the site offices.



South Island Temporary Office Structure

Utility relocation work continues on the South Island to move existing utilities that conflict with the TBM launch pit. This includes the relocation and temporary removal of fire hydrants, VDOT and Cox fiber lines, and medium and high voltage power duct banks.

Temporary concrete barrier was placed along the right-side eastbound lanes to restrict access to the west side of the South Island. This barrier will remain in place throughout the construction phase to limit vehicular traffic through the active construction associated with the portals to the new tunnels.

An initial concrete slab placement was performed on the South Island on May 7-8, 2020. It consisted of more than 600 cubic yards of concrete to form a temporary slab that will support the future onsite water treatment plant. The work was performed at night and included intermittent traffic stoppages to allow concrete trucks to safely exit the island. Two additional slab pours are upcoming to support additional temporary facilities associated with slurry production and treatment.



South Island Temporary Facilities Slab Foundation

VDOT's project team maintains close coordination with the Hampton Roads Harbor Tunnels (HRHT) facility staff in order to communicate ongoing project work as well as coordinate upcoming planned work at the facility.

On May 6, 2020, the third meeting of the project's Fire Life Safety Committee, which is composed of first responders and other project stakeholders, was held virtually. The primary topic of the meeting was the proposed fixed firefighting system in the tunnels, to include activation methods and timing of activation. Proposed fire hydrant locations outside of the tunnels and on the shores were also presented.

The weekly operations coordination meeting between VDOT and HRCP continues to provide a forecast of upcoming field activities and ensures concurrent activities are properly coordinated. All field work and traffic impacts are being reported through VDOT's Lane Closure Advisory Management System (LCAMS), which enables coordinating traffic operations across the region.

7. DBE & SWaM Business Activities

The Design-Builder awarded a total of 105 subcontracts, subconsultant agreements and purchase orders to DBE/SWaM certified firms for a total of \$29.8 million during the reporting period.

VDOT and HRCP held monthly Civil Rights compliance meetings on April 22, 2020 and May 19, 2020. Meeting discussions included hosting virtual meetings for DBE/SWaM firms and compliance document tracking requirements to evaluate submissions from HRCP and its subcontractors.

Outreach efforts to DBE/SWaM firms continued during COVID-19 through collaborations between VDOT and HRCP in hosting and participating in various virtual meetings in response to social distancing requirements. During this period, the following events were held:

- VDOT participated in the Association for the Improvement of American Infrastructure (AIAI) webinar on DBE & Civil Rights Offices on Current and Post COVID-19 Challenges, which was held on April 30, 2020. The event focused on how DOT's are adapting to new challenges due to COVID and provided an opportunity for DOT's to highlight major projects and opportunities for small businesses in attendance. VDOT's Civil Rights Division Administrator, Sandra Norman, highlighted the HRBT Project in her comments.



The image is a promotional graphic for a webinar. At the top, the AIAI logo is displayed with the text "WEINAR: DBE & CIVIL RIGHTS OFFICES ON CURRENT AND POST COVID-19 CHALLENGES". Below the title are four headshots of the speakers: SETH MILLER GABRIEL (AIAI), KIMBERLY KING (Georgia DOT), JOE LEWIS (Business Transformation Group), and SANDRA NORMAN (Virginia DOT). The text "THURSDAY APRIL 30 | 2.30pm eastern" is centered below the speakers' names. The bottom section contains a question about how State Departments of Transportation Civil Rights Offices are adapting to challenges, followed by a call to join the expert panel discussion.

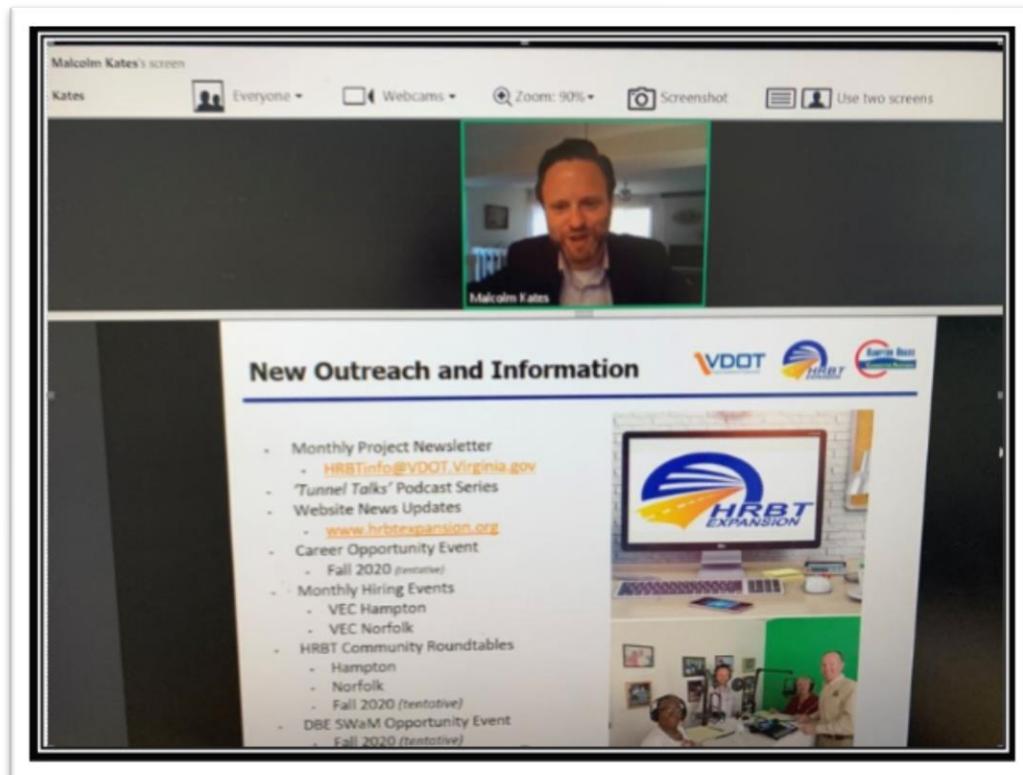
How are State Departments of Transportation Civil Rights Offices adapting to the new challenges created by the current health and economic crisis? What is being done to assist DBE firms and move projects forwards together?

Please join this expert panel of industry and government offices as they discuss what is happening now and what to expect in the future.

Please register for this webinar on Apr 30, 2020 2:30 PM EDT at:

Featured speakers included Seth Miller Gabriel (AIAI), Kimberly King (GDOT), Joe Lewis (BTG), and Sandra Norman (VDOT).

- HRCP's DBE/SWaM Manager, Malcolm Kates, hosted a DBE/SWaM Virtual Networking Session on May 11, 2020 with over 200 in attendance. Participants learned more about the Project, business opportunities currently available, and how to engage with project personnel. Participants were pleased to see the continued outreach efforts from the Design-Builder.

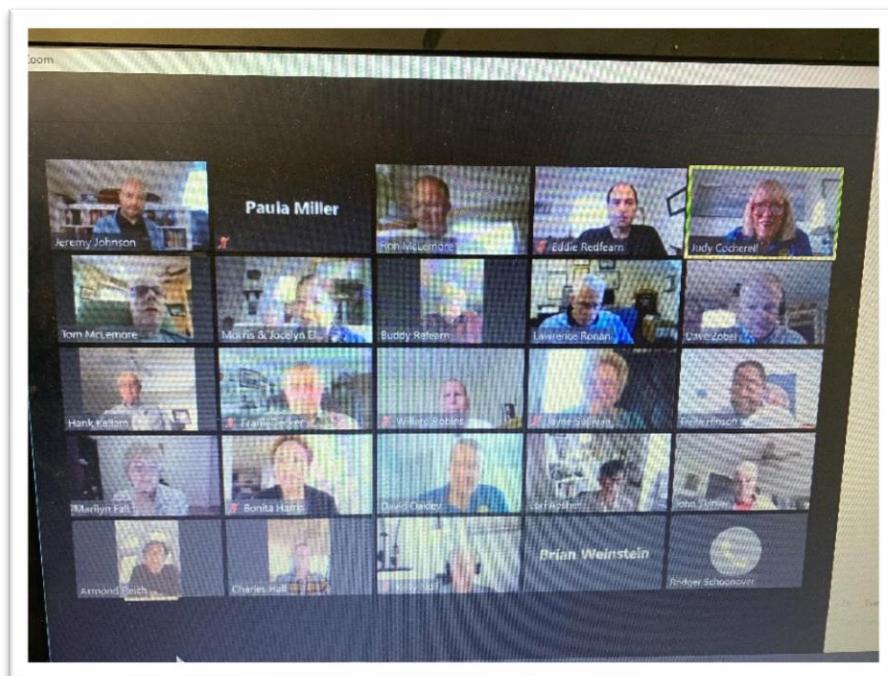


Virtual DBE/SWaM Networking Session hosted
by Malcolm Kates (HRCP)

8. Public Outreach

The Communications Team for the HRBT Expansion project remains committed to virtual outreach during the COVID-19 pandemic.

Project presentations, like this one to the Cape Henry Rotary Club of Virginia Beach in May, ensure that the public continues to receive project updates even though the team cannot personally appear in front of organizations at this time.



More than two dozen members of the Cape Henry Rotary Club (Virginia Beach) participated in a virtual public outreach presentation in May discussing plans for new tunnels and interstate widening along the nearly 10-mile corridor.

Peninsula Big Buzz featured the HRBT Expansion Project during this reporting period. Peninsula Big Buzz started as an effort to raise awareness about significant programs and issues in the community. Virginia Peninsula Chamber of Commerce CEO Bob McKenna says after much discussion about COVID-19 his video podcast needed to focus on recovery and the future. His first guest in the recovery segment was Jim Utterback, Project Director for the Hampton Roads Bridge-Tunnel Expansion Project.

McKenna, and Peninsula Big Buzz facilitator Shelley Smith who owns Premiere Rapport, welcomed Utterback to their video podcast. He detailed plans to add new twin tunnels to the existing HRBT and discussed job opportunities available on the project.

VDOT and HRCP Expansion Team members met with the City of Norfolk on May 20, 2020 to discuss turning the vacant Norfolk Visitors Center at 4th View Street into an HRBT Expansion Project Visitors Center for the duration of the project. VDOT and the City of Norfolk are working on a Memorandum of Understanding (MOU) to open the building to the community, tour groups, school children and others to learn about Virginia's largest-ever highway construction project.

9. Project Media

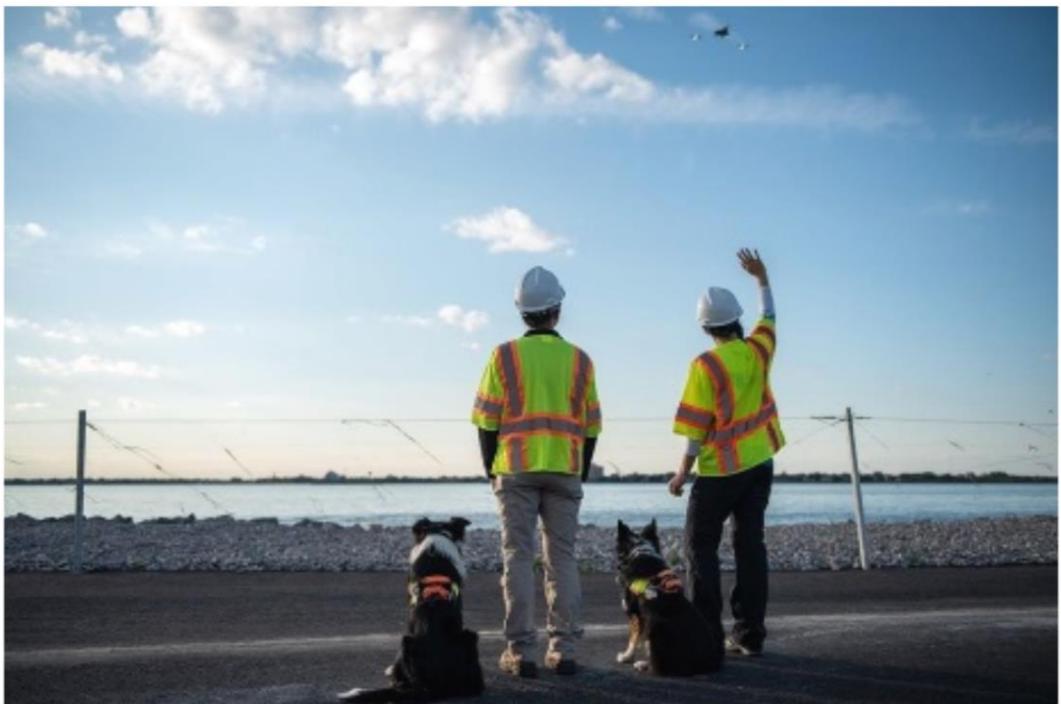
VDOT and HRCP figured prominently in positive news reports on bird-management efforts at the South Island, both in print and online. VDOT produced a video story about the role of the border collies. This video can be viewed on YouTube at:

https://www.youtube.com/watch?v=YFUYCPVo_jk&feature=youtu.be



Daily Press news article about use of border collies to protect seabirds during HRBT Expansion work.

Other media features included the South Island team during the May 12, 2020 F-22 and P-51 flyover paying tribute to Virginia's COVID-10 frontline responders.



HRBT in the flight line of heroes' salute. This picture
appeared on social media.

(Credit: USAF Senior Airman Anthony Nin Leclerc)