Agenda

- Purpose of the Stakeholder Meetings
- Project Overview
- Project Progress
- Communication Strategies
- Stakeholder Feedback
HRBT Project Owner Organization

Secretary of Transportation
Shannon Valentine

VDOT Executive Committee
Stephen Brich: Commissioner
Robert Cary: Deputy Commissioner
Barton Thrasher: Chief Engineer

HRBT Project Management
James Utterback: Project Director
Peter Reilly: Deputy Project Director
Martha Gross: Commercial Manager

Project Development and Delivery
Design Management: VDOT - WSP
Construction Management: VDOT - WSP
Operations Management: VDOT - WSP
Public Relations: VDOT - WSP

Project Financing
HRTAC  CTB
Purpose of Stakeholders Meetings

- Share Information and Promote a Common Understanding
- Update Stakeholders on Activity Progress and Projections
- Engage and Solicit Stakeholder Feedback
- Provide an Open Venue for Discussion
Project Overview
Scope of the Design-Build Project
The Project Features

**Scope**

**Demolish & Replace:**
- Mallory
- North Trestles
- South Trestles

**Widening & Rehab:**
- Roadway
- Other bridges

**Tunnels**
- 2 x 8,000 ft

**North Trestles**
- 2 x 3,000 ft

**South Trestle**
- 1 x 6,000 ft

**Willoughby**
- 2 x 5,000 ft

**Tunnels**
- 2 x 8,000 ft

**Bay Avenue**
- 2 x 2,100 ft

**Oastes Creek**
- 2 x 1,000 ft
Scope Summaries

HRBT Expansion project is a design-build project

Project Cost: $3.8 Billion

Tunnels
- Length (Each): 8,000 ft
- Inner Diam.: 41.5 ft
- Excavation: 956,000 CY
- Segmental Lining: 119,000 CY
- Ground Improv.: 494,000 CY

Roadway
- Excavation: 127,000 CY
- Embankment: 91,000 CY
- Noise Walls: 727,000 SF
- Retaining Walls: 101,000 SF

Structures
- Bridges to Demo: 5
- Bridges to Build: 4
- Bridges to Widen: 23
- Total Length: 38,800 ft
- Total Surface: 2,086,000 SF

Islands Expansion
- Footprint: 860,000 SF
- Fill: 169,000 CY
- Dike: 188,000 CY
- Armor Stone: 351,000 Tons
- Splash Wall: 6,000 CY
## Activity/Milestone Progress

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Award</td>
<td>April 3, 2019</td>
</tr>
<tr>
<td>LNTP1 (Permit Applications)</td>
<td>April 12, 2019</td>
</tr>
<tr>
<td>HRCP Joint Permit Application (JPA) Submitted</td>
<td>August 30, 2019</td>
</tr>
<tr>
<td>LNTP2 (Tunnel Boring Machine)</td>
<td>September 25, 2019</td>
</tr>
<tr>
<td>LNTP3 (South Island Early Works)</td>
<td>September 25, 2019</td>
</tr>
<tr>
<td>Tunnel Boring Machine Purchase Order</td>
<td>February 18, 2020</td>
</tr>
<tr>
<td>Project Full Notice to Proceed (NTP)</td>
<td>October 2020</td>
</tr>
</tbody>
</table>

**Note:**
- LNTP: Limited Notice to Proceed
- HRCP: Hampton Roads Connector Partners, the Design-Builder
The Project Timeline

2019 2020 2021 2022 2023 2024 2025

**Contract Execution + LNTP1**
04/15/19

**LNTP2 + LNTP3**
9/25/19

**Anticipated JPA Approval Date = NTP**
540 days (18 months) after LNTP1 = October 2020

**Substantial Completion**
06/30/25

**Contractual - Substantial Completion Deadline**
09/01/25

**Contractual - Final Completion Deadline**
11/01/25

**Launch & Receiving pit ready for TBM**

**TBM Assembly and Mining**

**Interior Work Tunnels**

**Commissioning and Testing**

**North and South Marine Trestles**

**Land Works I-64 Widening**

**Permanent Works over 55 Months**

**Today**

**6 MONTHS OF SCOPE VALIDATION**

**LNTP 1**

Design and Investigation Works for Environmental Permitting

**LNTP 2**

LNTP2 : Authorization for TBM Procurement

**LNTP 3**

LNTP3 : Launching Pit Construction to start
<table>
<thead>
<tr>
<th>Permit Type</th>
<th>Important Dates</th>
</tr>
</thead>
</table>
| **USACE/DEQ/VMRC Joint Permit Application (JPA)** | JPA Initial Submission – August 30, 2019  
USACE Initial Public Notice – September 24, 2019  
USACE Second Public Notice – February 3, 2020  
Target Permit Receipt – October 2020 |
| **USCG Bridge Permit**      | Bridge Permit Submitted – December 26, 2019  
Target Coast Guard Bridge Permit Issuance – June 2020 |
| **USACE Section 408**       | Section 408 Submission – January 6, 2020  
USCG Concurrence with Section 408 Information – February 13, 2020  
Target Section 408 Issuance – June 2020 |
## Design Progress

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Island Utility Relocations (Ready for Construction)</td>
<td>March 2020</td>
</tr>
<tr>
<td>South Island Launch Pit (Stage 2 Design)</td>
<td>March 2020</td>
</tr>
<tr>
<td>North Island Expansion (Stage 2 Design)</td>
<td>April 2020</td>
</tr>
<tr>
<td>North and South Trestle Bridges Replacement (In Design)</td>
<td></td>
</tr>
<tr>
<td>Willoughby Bay Bridge Widening (In Design)</td>
<td></td>
</tr>
<tr>
<td>Roadways Widening Packages Hampton and Norfolk (In Design)</td>
<td></td>
</tr>
<tr>
<td>Landside Bridges (In Design)</td>
<td></td>
</tr>
<tr>
<td>Tunnel Spaceproofing and Concepts (In Design)</td>
<td></td>
</tr>
</tbody>
</table>
Planned Construction Progress (Narrative)

- **March 2020**: South Approach Trestle Lane Shifts; South Island Utilities Relocations; TBM Receiving Dock Landside; South Island Retaining Walls; Groundwater Pump/Testing
- **April 2020**: South Island Utilities Relocations; TBM Receiving Dock Landside; South Island Equipment Slabs; Office Trailers
- **May 2020**: South Island Utilities Relocations; TBM Receiving Dock Landside; South Island Water and Slurry Treatment Plants; South Island Guide Walls
- **June 2020**: TBM Receiving Dock Landside; South Island Water and Slurry Treatment Plants; South Island Slurry Walls (Launch Pit); South Island Guide Walls
Demolish and Build
North Trestles
Design-Build Structures

Demolish and Build
South Trestles
## Key Construction Activities

<table>
<thead>
<tr>
<th>Activity</th>
<th>Planned Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Island Early Works</td>
<td>March 2020</td>
</tr>
<tr>
<td>North Island Expansion</td>
<td>October 2020</td>
</tr>
<tr>
<td>Willoughby Bridge Widening</td>
<td>January 2021</td>
</tr>
<tr>
<td>North Trestle Replacement</td>
<td>February 2021</td>
</tr>
<tr>
<td>South Trestle Replacement</td>
<td>February 2021</td>
</tr>
<tr>
<td>Oastes Creek Bridge Widening</td>
<td>February 2021</td>
</tr>
<tr>
<td>Mason Creek Bridge Widening</td>
<td>March 2021</td>
</tr>
<tr>
<td>Mallory Street Bridge Replacement</td>
<td>April 2021</td>
</tr>
<tr>
<td>Tunnel Boring Operations</td>
<td>February 2022</td>
</tr>
<tr>
<td>Project Completion</td>
<td>November 2025</td>
</tr>
</tbody>
</table>
Communicating the HRBT Expansion Project
The Team

**VDOT**
Paula Miller - Communications Manager

The Miles Agency
(Delceno Miles, Barbara Hamm, Season Roberts)

On Point Communications
(Ha Koehler, Mike Carosi)

Stephen Meyers - Communications Manager
More than 100 Public Outreach Events since May 2017
Information Sharing:

- Information will include:
  - Project overview, overall project schedule
  - Potential impacts to traffic on all roadways within the limits (e.g., temporary lane closures, shoulder closures, ramp reconstruction, milling operations)
  - Up-to-date project photos.

External Opportunities:

- Project Kickoff with Governor-April 2019
- Project website: www.hrbtexpansion.org
- Constant Contact Newsletter
- Project Fact Sheet
- News Releases
- LinkedIn
- VDOT state website-virginiadot.org
- Public Outreach (100 plus events)
- Podcasts
- Social Media-Facebook, Twitter
Planned Future Outreach

- Monthly project newsletters
- Social Media-Nextdoor, Instagram,
- Inside Business, Va Business Magazine, Navy Flagship newspaper
- Industry and trade magazines/journals/online news
- Messages distributed through municipal communication divisions
- Navy, USCG, Maritime industry
- VDOT Dynamic Message Boards
- Paid Media
- Earned Media-stories to tell!
- Virginia Rest Stop Message Boards
Educational Opportunities

Naming of the Tunnel Boring Machine (TBM)

Engage school-age children in Norfolk and Hampton; Winner appears at future publicity events and earns a U.S. Savings Bond
PROJECT WEBSITE

www.hrbtexpansion.org

Paula Miller-VDOT Communications Manager

To schedule public outreach:

paula.miller@vdot.virginia.gov  757-858-6776

Stephen Meyers-HRCP Communications Manager

smeyers@hrcpjv.com  757-375-4725
Next Steps

- Next Stakeholder Meeting – May 28, 2020
- Align Information Sharing
- Open for Questions/Comments