Hampton Roads Bridge Tunnel Expansion

Stakeholders Meeting 0002

June 4, 2020
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
<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

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

- **LNTP 1**
  - Design and Investigation Works for Environmental Permitting
  - 6 MONTHS OF SCOPE VALIDATION

- **LNTP 2**
  - Authorization for TBM Procurement

- **LNTP 3**
  - Launching Pit Construction to start

- **Permanent Works over 55 Months**
  - 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

- **Contractual - Substantial Completion Deadline** 09/01/25
- **Contractual - Final Completion Deadline** 11/01/25
- **Substantial Completion** 06/10/25

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- **2019**
  - LNTP 1

- **2020**
  - LNTP 1

- **2021**
  - Design and Investigation Works for Environmental Permitting

- **2022**
  - 6 MONTHS OF SCOPE VALIDATION

- **2023**
  - Authorization for TBM Procurement

- **2024**
  - Launching Pit Construction to start

- **2025**
  - TBM Assembly and Mining
  - Interior Work Tunnels
  - Commissioning and Testing
  - North and South Marine Trestles
  - Land Works I-64 Widening
Project Progress
Financial Progress

❖ HRTAC Board Action: VDOT Authorized to Execute Bridge Repair Works Option

✓ Optional Work in Contract to Include the Preventative Maintenance (~$41.3M) and Required Repair Improvements (~$32.2M) to Landside Bridges in Norfolk.

<table>
<thead>
<tr>
<th>Permit Application</th>
<th>Target Date</th>
<th>Status</th>
</tr>
</thead>
</table>
| USACE/DEQ/VMRC Joint Permit Application (JPA) | Target Permit Receipt – October 2020 | Draft USACE Permit Received – Still Needed:  
- NOAA Incidental Take Authorization (IHA)  
- USACE Section 408 Determination  
VMRC Commission Approved  
VMRC Draft Permit Received  
DEQ Permit Public Notice Period in Progress  
**Current Permit Receipt Projection – July 2020** |
| USCG Bridge Permit | Bridge Permit Application Submitted – December 26, 2019 | USCG Preliminary Public Notice in Progress  
Target USCG Bridge Permit – July 2020 |
<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>DATE</th>
</tr>
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<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>South Island Access Improvements (Ready for Construction)</td>
<td>May 2020</td>
</tr>
<tr>
<td>South Island Launch Pit (Ready for Construction)</td>
<td>June 2020</td>
</tr>
<tr>
<td>North Island Utility Relocations (Ready for Construction)</td>
<td>June 2020</td>
</tr>
<tr>
<td>North and South Trestle Bridges Replacement (In Design)</td>
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<tr>
<td>Willoughby Bay Bridge Widening (In Design)</td>
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<tr>
<td>Roadways Widening Packages Hampton and Norfolk (In Design)</td>
<td></td>
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<tr>
<td>Landside Bridges (In Design)</td>
<td></td>
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<tr>
<td>Tunnel Spaceproofing and Concepts (In Design)</td>
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Planned Construction Progress (Narrative)

May 2020
South Island Utilities Relocations; South Island Field Offices; Temporary Equipment Slab Placements

June 2020
South Island Utilities Relocations; TBM Receiving Dock Landside; South Island Equipment Slabs; Office Trailers; Willoughby Spit Site Work; Hampton Batch Plant Installations; South Island Guide Walls; Water Treatment Plant; Slurry Treatment Plant

July 2020
TBM Receiving Dock Landside; South Island Water and Slurry Treatment Plants; South Island Slurry Walls; North Island Utility Relocations*; Hampton Batch Plant Installations; North Island Preparations*

August 2020
TBM Receiving Dock Landside; South Island Water and Slurry Treatment Plants; South Island Slurry Walls (Launch Pit); North Trestle Mobilization and Test Piles*; South Trestle Test Piles*

Note: * - Activity Requires Permits and Full NTP
## Key Construction Activities

<table>
<thead>
<tr>
<th>Activity</th>
<th>Planned Start</th>
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<tbody>
<tr>
<td>South Island Early Works</td>
<td>March 2020</td>
</tr>
<tr>
<td>North Island Expansion</td>
<td>September 2020</td>
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<tr>
<td>North Trestle Replacement</td>
<td>September 2020</td>
</tr>
<tr>
<td>South Trestle Replacement</td>
<td>October 2020</td>
</tr>
<tr>
<td>Oastes Creek Bridge Widening</td>
<td>December 2020</td>
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<tr>
<td>Mallory Street Bridge Replacement</td>
<td>December 2020</td>
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<tr>
<td>Hampton Roadwork</td>
<td>December 2020</td>
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<tr>
<td>Norfolk Roadwork</td>
<td>December 2020</td>
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<tr>
<td>Willoughby Bridge Widening</td>
<td>December 2020</td>
</tr>
<tr>
<td>Mason Creek Bridge Widening</td>
<td>March 2021</td>
</tr>
<tr>
<td>Tunnel Boring Operations</td>
<td>March 2022</td>
</tr>
</tbody>
</table>
Stakeholder Interactions
Stakeholder Interactions

U.S. Navy:
• Regular Progress Updates
• Technical Coordination with NAVFAC
• Establishing Breakout Briefings on Project Design
• Solution Focused Interactions

Hampton University:
• Regular Progress Updates
• Information Sharing
• Emancipation Oak Assessment

City of Hampton:
• Regular Progress Updates
• Technical Coordination
• Maintenance of Traffic Coordination
• Establishing Breakout Briefings on Project Design
• Solution Focused Interactions

City of Norfolk:
• Regular Progress Updates
• Technical Coordination
• Maintenance of Traffic Coordination
• Establishing Breakout Briefings on Project Design
• Solution Focused Interactions
Contractor (HRCP) recently completed a small business Bonding Education Program (BEP) with USDOT for a record number of small business graduates.
HRCP held a Virtual Public Update for Disadvantaged Business Enterprises (DBE) and Small, Women, and Minority-Owned Businesses (SWaM) on May 11, 2020

Compliance Manager Malcolm Kates led discussion with 218 in “virtual” attendance

Malcolm shared:

- **106** DBE/SWaM subcontractors have already been awarded contracts totaling over **30.8 million dollars**.
HRBT Expansion Project

VDOT has assigned the following aggressive contract goals for the Project, required by HRCP:

- **12%** Disadvantaged Business Enterprise (DBE)
- **20%** Small, Woman and Minority-Owned Business (SWaM)
- **80 On-the-Job (OJT) Trainee Goal**
To ensure compliance with contract requirements, the Contractor is responsible for submitting to VDOT the following:

- **Workforce Participation Plan**
  Details specific affirmative steps taken to ensure EEO throughout the life of the Project

- **OJT Training Plan**
  Train and upgrade the qualifications of minorities and women toward journey worker status as outlined in VTCA/VDOT OJT Manual
Communications/Outreach
Virtual Public Outreach

Community Outreach through Zoom, Teams, HangOut, etc.

Maritime Community Meetings

Video Podcast with Bob McKenna-Peninsula Chamber

Podcast recorded through virtual outreach
First of two yearly issues of HRBT Magazine released June 1, 2020

Monthly newsletters began in February 2020
Media

Border Collies on South Island

- Daily Press
- Virginian-Pilot
- Virginia Mercury
- Chesapeake Bay Magazine
- LinkedIn
- Facebook
- TODAY Show (future air date)

U.S. Air Force F-22 Raptor flies over HRBT South Island during salute to Virginia’s Health Care Heroes
Next Steps

Stretch and Flex-It’s How We Roll!

Thank You for Participating Today!
Stakeholder Feedback

Open Discussion
August 27, 2020

1 P.M.

Next STAKEHOLDERS MEETING

Thank You