

**HREL**

**HAMPTON  
ROADS  
EXPRESS  
LANES**

N E T W O R K





# PROJECT INFORMATION PRESENTATION

## I-64 HAMPTON ROADS EXPRESS LANES SEGMENT 4C

**CITY OF HAMPTON, VIRGINIA**

STATE Project No.: 0064-114-XXX

Contract ID: C00117841DB111

**Janet Hedrick, P.E., DBIA – Project Manager**

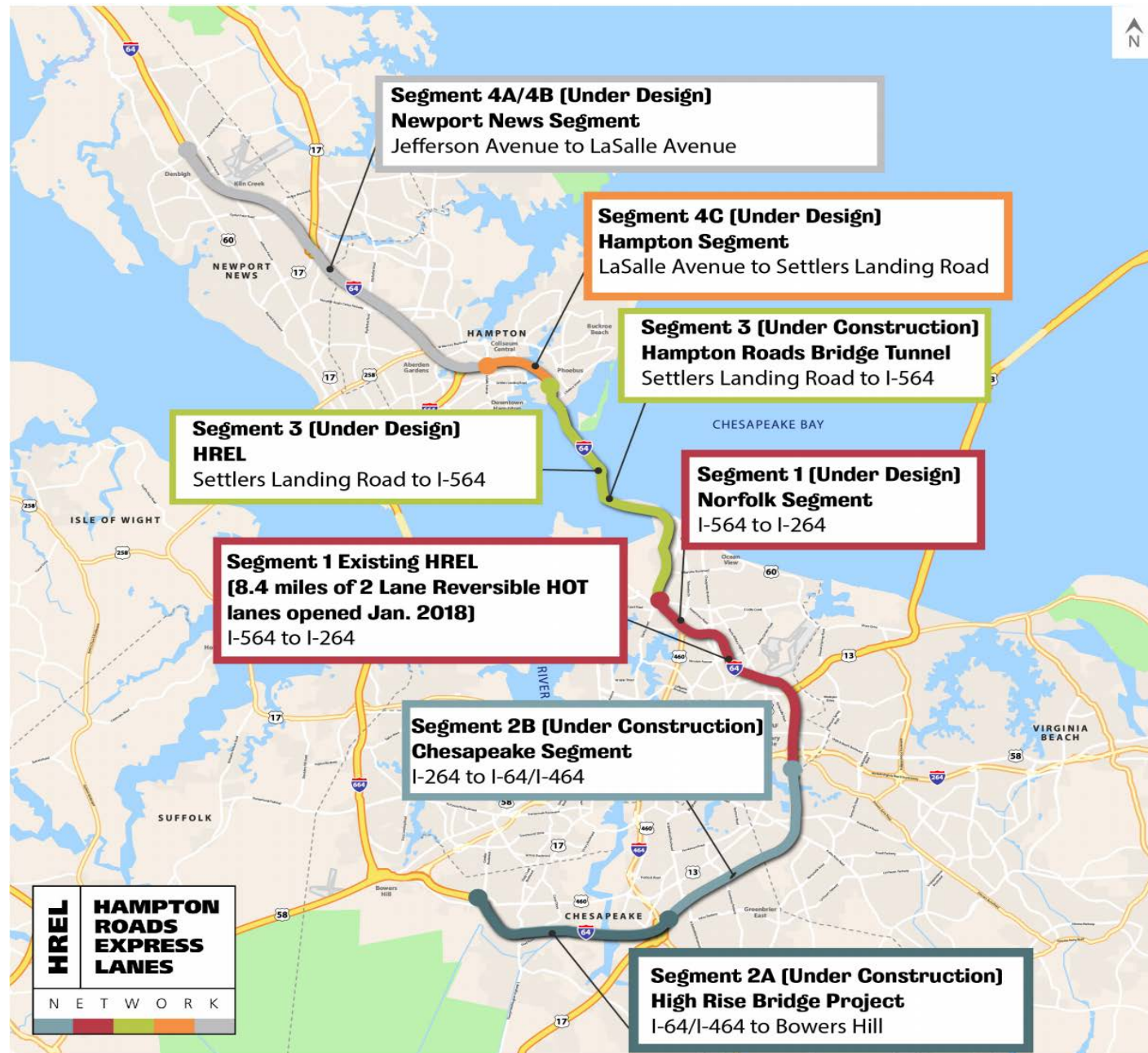
**Suril Shah, P.E., PMP, DBIA – APD Project Manager - POC**

May 7, 2021

# Agenda

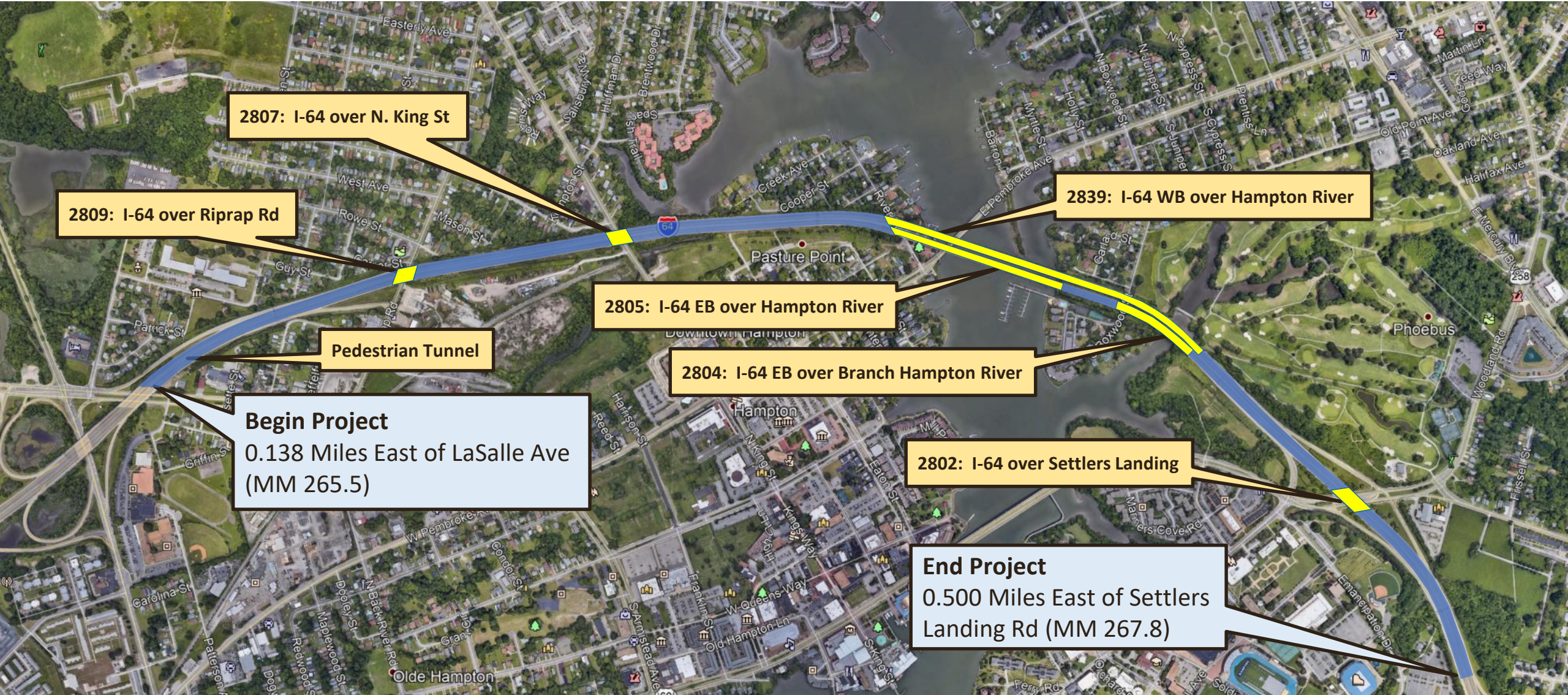
- **Project Overview**
  - HREL Network Overview
  - Location Map
  - Purpose/Overview, Scope & Status
  - Typical Sections
- **RFQ Summary**
  - VDOT Point of Contact (POC)
  - Procurement Schedule
  - RFQ Information Package Contents
  - Contents of SOQs, Evaluation Criteria & Submittal Requirements
  - Bid Express
  - RFQ Questions
  - Conflicts of Interest

# HREL Network





# Project Location Map





# Project Purpose

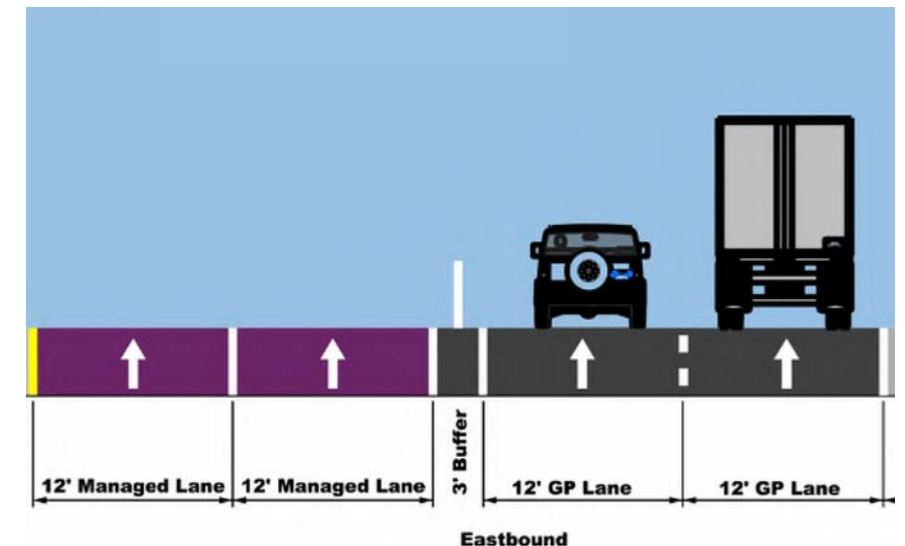
- Provide for faster travel times in the general purpose and managed lanes, less congestion in general purpose lanes, and a more reliable system of travel in the Interstate 64 corridor.
- Managed lanes can improve travel time and reliability by providing drivers an option during peak travel times when congestion is highest.
- Car-pooling is encouraged by making the managed lanes free for high-occupancy vehicles. The HREL Network provides seamless connectivity between the existing Express Lanes segments of I-64 in the Hampton Roads region.

**Project Goal: Relieve congestion and provide reliable travel times for managed lanes with dynamic tolling**



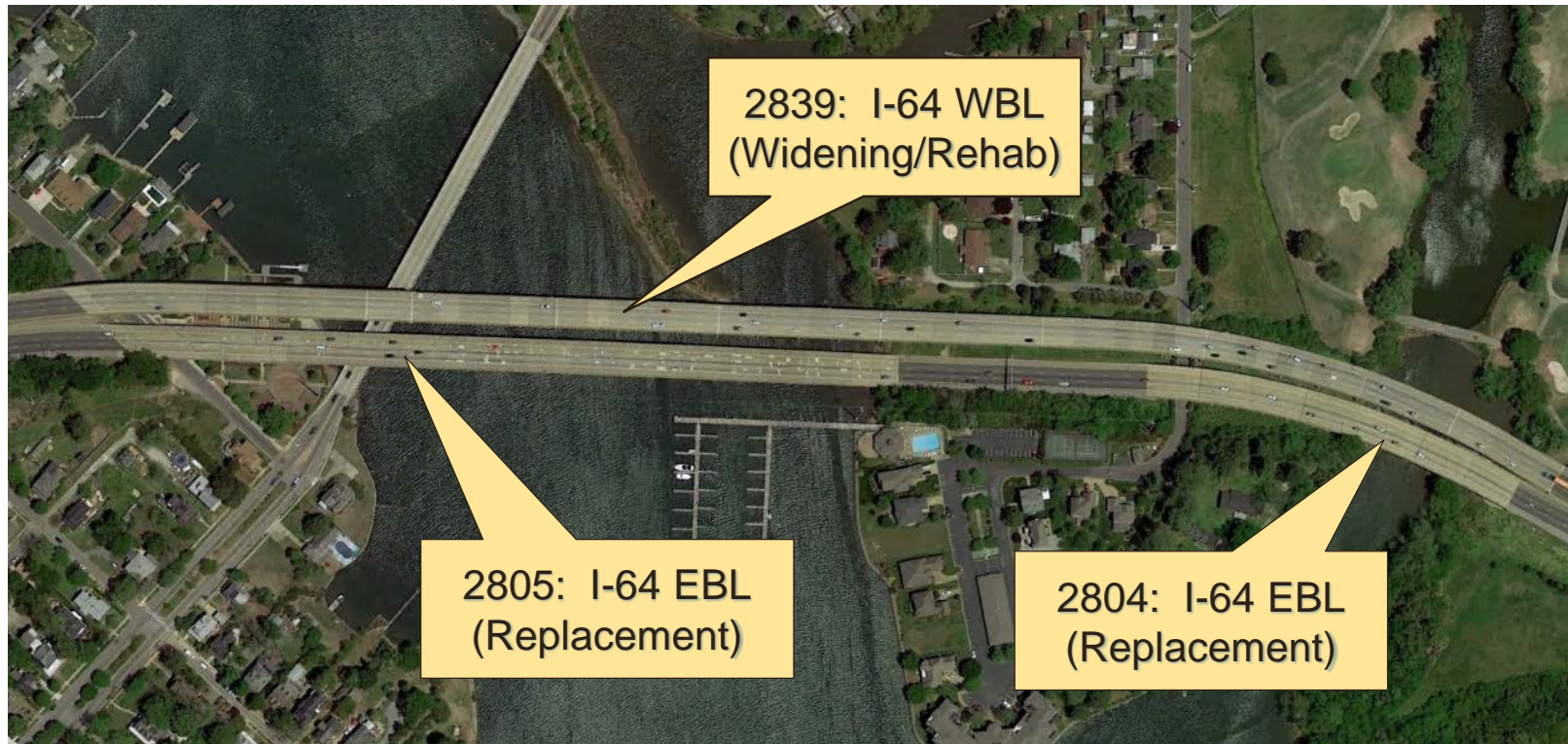
# Project Overview - Roadway

- Project length is 2.4 miles: From 0.138 miles east of LaSalle Ave to 0.500 miles east of Settlers Landing Road
- Convert Three (3) Existing EB and WB General Purpose (GP) Lanes into 2 Managed Lanes and 2 GP Lanes.
- Widening to occur primarily in the median:
  - Limiting the Right of Way required to construct the project
  - Avoiding impacts on interchanges and other existing facilities
- Realign Interstate Ramps as necessary



# Project Overview - Bridges

- Replace the EB Hampton River bridges and widen and rehabilitate the WB Hampton River bridge.





# Project Overview - Bridges

- Widen and Rehabilitate the bridge over King Street.
- Widen and Rehabilitate the WB portion of the bridge over Settlers Landing. Rehabilitate the EB portion of the bridge over Settlers Landing.
- Rehabilitate the bridge over Rip Rap Road.



**I-64 over Riprap Rd**



**I-64 over King St**

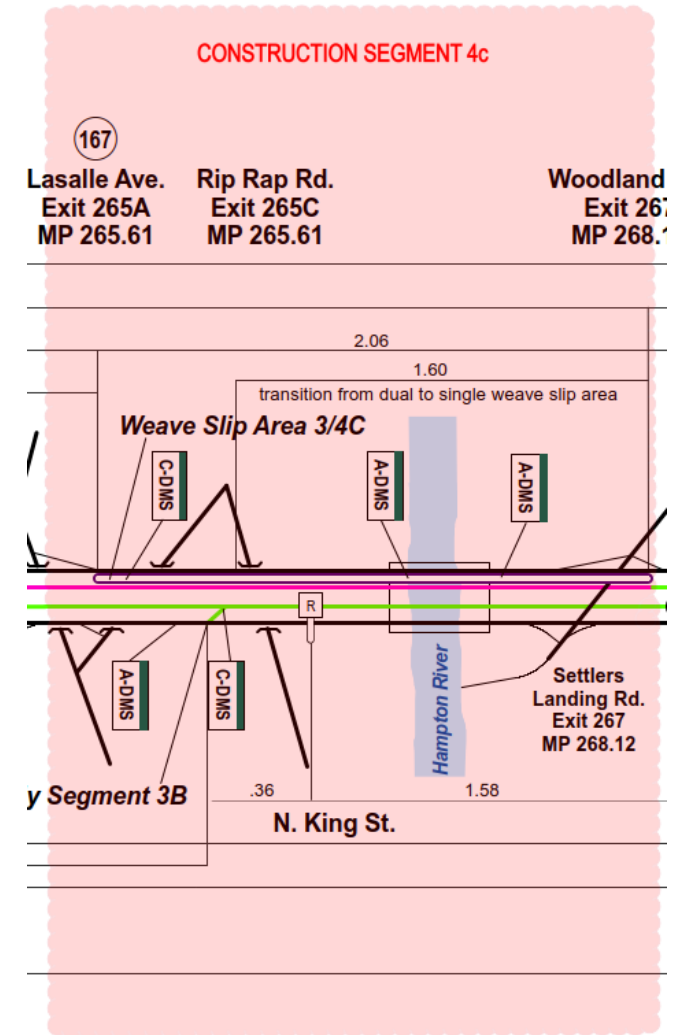
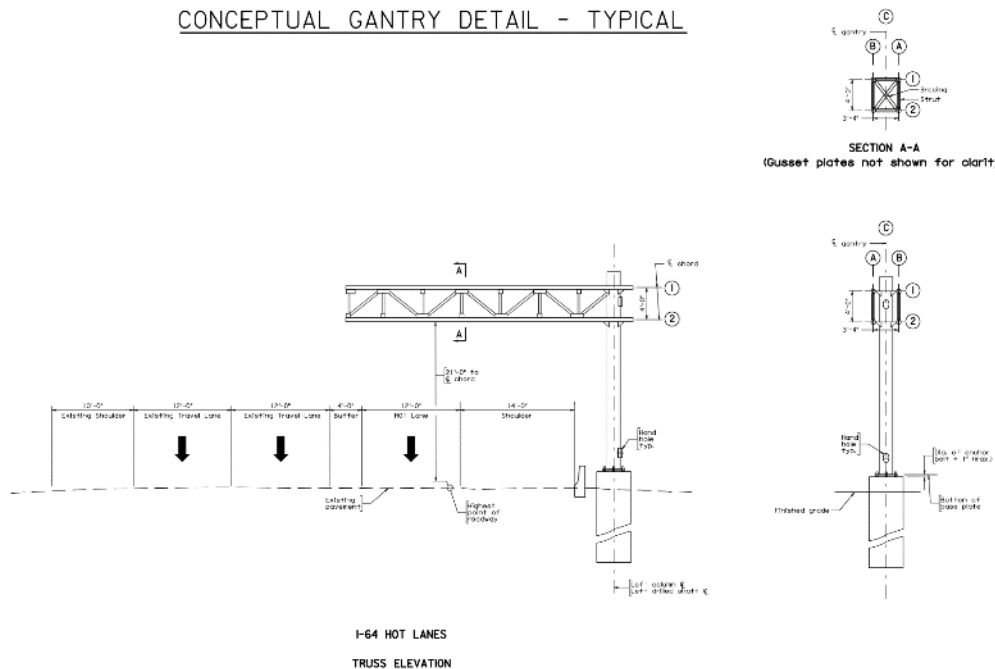


**I-64 over Settlers Landing**

# Project Overview - Tolling

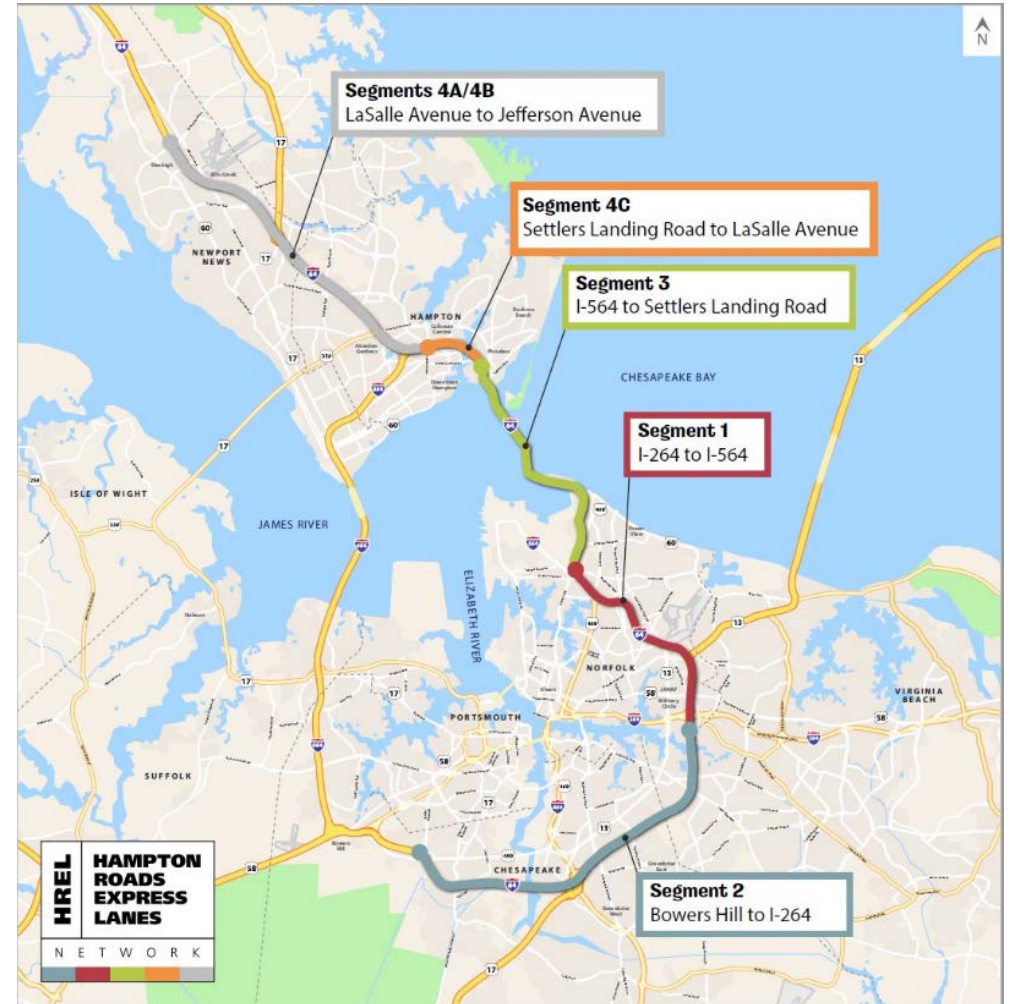
- As Part of the HREL Network, one Toll Registration Point is included in the Segment 4C Project.
- Expected location is west of the Hampton River Bridges Between the King Street and Pembroke Ave Crossings.

CONCEPTUAL GANTRY DETAIL - TYPICAL



# Project Overview – Adjacent Projects

- Eastern Termini ties into the HRBT project that is currently under construction. Both projects will be under construction at the same time, with similar construction completion dates and will require extensive coordination.
- Coordination with HRBT Project will continue through the procurement and construction phase.
- Western Termini Ties into the HREL Segment 4A/4B Project
- HREL Segment 3 -Tolling Infrastructure Project





# Project Overview – Stakeholders

- Hampton National Cemetery, no adverse effect
- Phoebus Historic District, no adverse effect
- Pasture Point Historic District, no adverse effect
- Hampton University, no temporary or permanent R/W impacts
- Woodlands Golf Course
- City of Hampton
- CSXT and S&W Railroad



Hampton University



Hampton National Cemetery

# Project Scope

The scope includes but is not limited to all work required to support the design and construction of:

- Roadway
- Survey
- Structure and/or Bridge
- Environmental
- Geotechnical
- Hydraulics
- Traffic Control Devices
- Transportation Management Plan
- Right of Way
- Utilities
- Public Involvement / Relations
- Quality Assurance and Quality Control
- Intelligent Transportation Systems
- Signage and Lighting
- Railroad
- Construction Engineering and Inspection
- Overall Project Management

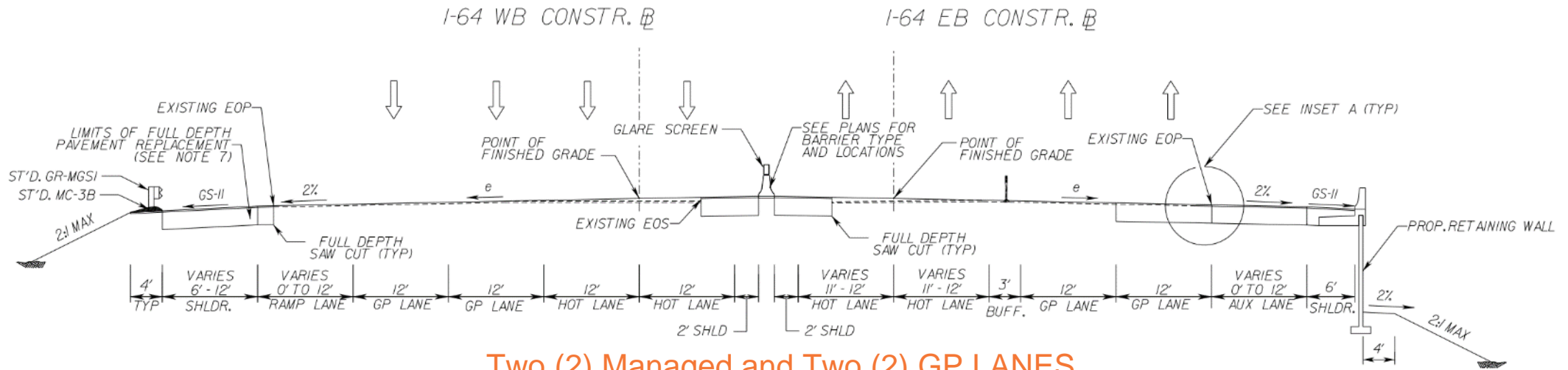
# Project Status

- **NEPA Document:** Categorical Exclusion, planned August 19, 2021
- **Public Involvement:** Design Public Hearing planned September 23, 2021
- **Delivery method:** Design-Build
- **Procurement Type:** Two-Phase, Best Value
- **Funding:**
  - HRTAC
  - Fully funded PE, RW, and CN Phases
  - Treated as Federally Eligible

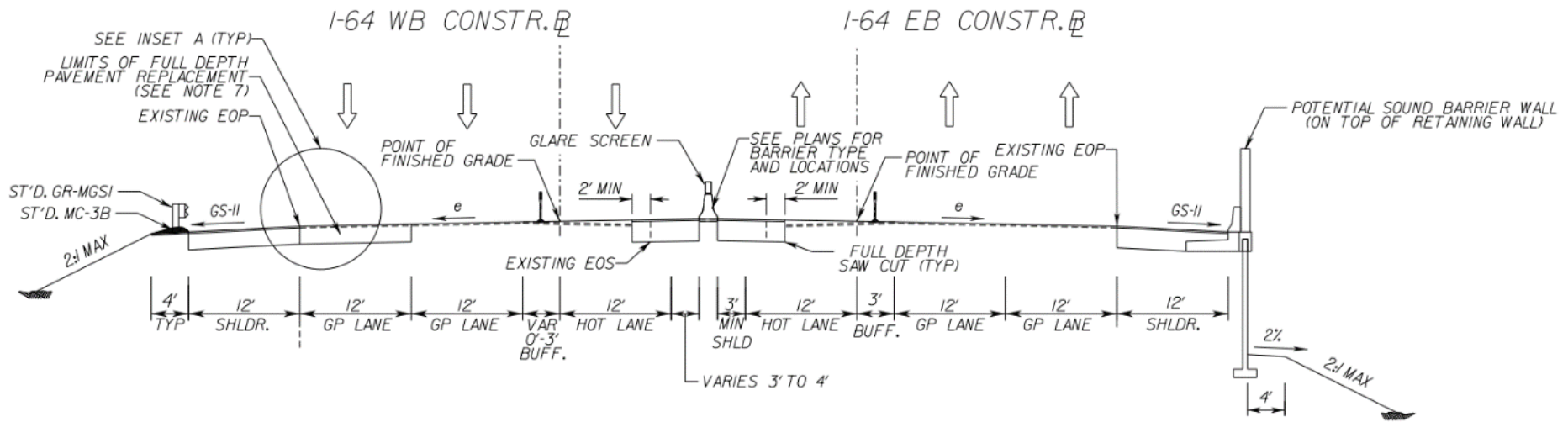




# I-64 EB and WB Typical Sections



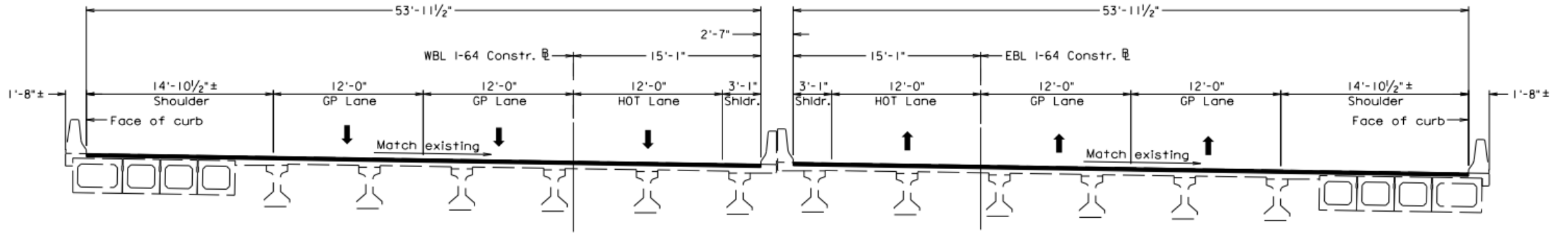
Two (2) Managed and Two (2) GP LANES



One (1) Managed and Two (2) GP LANES

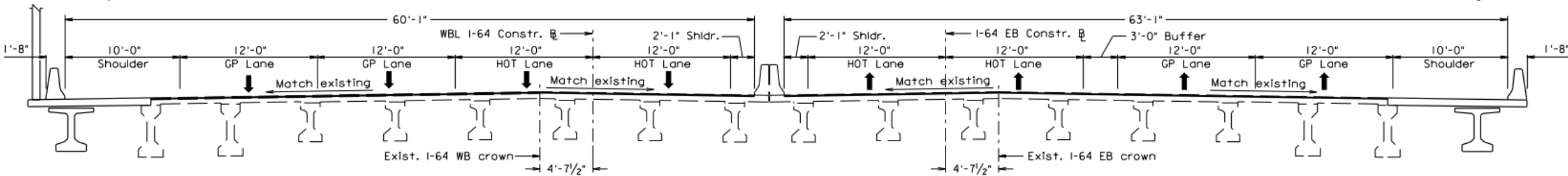
NOT TO SCALE

# Bridge Typical Sections



FINAL - TRANSVERSE SECTION

I-64 Bridge Over Rip Rap Road



FINAL - TRANSVERSE SECTION

I-64 Bridge Over King Street

NOT TO SCALE





# RFQ SUMMARY

- **VDOT POC**

Suril R. Shah, P.E., DBIA  
Alternate Project Delivery Division  
1401 East Broad Street  
Richmond, Virginia 23219  
Phone: (804) 225-3799  
E-mail: [Suril.Shah@vdot.virginia.gov](mailto:Suril.Shah@vdot.virginia.gov)

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$318,500,000**

# Alternative Technical Concepts (ATCs)

- Code of Virginia (§33.2-209(B)) has been amended to allow consideration of ATCs)
- ATCs may be permitted and considered during the RFP phase of the Project
- Specific details will be included in the RFP
- VDOT's ATC Process and Procedures can be found at VDOT's Design-Build website: <http://www.virginiadot.org/business/design-build.asp>

# Anticipated Schedule

# (Section 2.5)

- **RFQ Questions to VDOT** 05/18/2021
- **VDOT Response to Questions** 06/08/2021
- **SOQ Submission Date** 06/29/2021 (4:00 PM prevailing local time)
- **Notification of Shortlist** 08/31/2021
- **Anticipated RFP Release Date** Fall/ Winter 2021
- **Technical Proposals Due** Feb/ March 2022
- **Price Proposals Due** April 2022
- **Anticipated Award Date** 05/18/2022
- **Final Completion** 12/19/2025



# RFQ Information Package

**(Section 2.8)**

- **RFQ Conceptual Plan**
- **As Built/ Existing Plans**
- **NEPA Document Concurrence**
- **Existing Topographical Survey**
- **Utility Survey**
- **Preliminary Wetland Delineations**
- **2025 Traffic Operational Analysis for HREL network**
- **Preliminary H&HA**
- **Current Tolling Schematics**

# FORM C-78 (ATTACHMENT 2.10)

Form C-78-RFQ

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

RFQ NO. C00106665DB82  
PROJECT NO.: 0064-965-264

ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Qualifications (RFQ) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Statement of Qualifications (SOQ) submission date shown herein. Failure to include this acknowledgement in the SOQ may result in the rejection of your SOQ.

By signing this Attachment 2.10, the Offeror acknowledges receipt of the RFQ and/or following revisions and/or addenda to the RFQ for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFQ 04/21/2015  
(Date)

2. Cover letter of \_\_\_\_\_  
(Date)

3. Cover letter of \_\_\_\_\_  
(Date)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
TITLE

- Monitor VDOT's Design-Build RFQ website and BidExperss.com for responses to RFQ questions and Addendums  
<http://www.virginiadot.org/business/request-for-qualifications.asp>
- A revised C-78 form will be included with each addendum
- Sign, date and include the C-78 with SOQ

# Contents of Statements of Qualifications (SOQ)

- **Letter of Submittal** **(Section 3.2)**
  - ✓ POC & Principal Officer, Corporate Structure, Lead Contractor and Lead Designer, Surety, Evidence of Prequalification, SCC & DPOR information, etc.
  - ✓ Commitment to achieving a 6% DBE goal
  
- **Offeror's Team Structure** **(Section 3.3)**
  - ✓ Key Personnel (5)
    - **Design Build Project Manager**
      - » Responsible for the overall Project design, construction, quality management and contract administration
    - **Entrusted Engineer in Charge (EIC)**
      - » The EIC is responsible for ensuring that all engineering work for the Project is integrated, is in conformance with the Contract Documents, and otherwise delivers a safe, constructible, and functional Project.
      - » Assigned to the Project full-time once design activities begin
      - » Required to be on site full time from commencement of construction.

# Contents of Statements of Qualifications (SOQ)

## ✓ Key Personnel (Cont.)

- **Quality Assurance Manager**

- » Responsible for the QA inspection and testing of all materials used and work performed on the Project
- » No contractual relationship with QC firm and no involvement in construction operations (to include QC inspection and testing)
- » Required to be on Project site full-time for the duration of construction operations.

- **Design Manager**

- » Responsible for coordinating the design of the Project and overseeing the QA/QC program for all design disciplines

- **Construction Manager**

- » Responsible for managing the construction process, to include all Quality Control (QC) activities
- » Required to be on the Project site full time for the duration of construction operations



# Contents of Statements of Qualifications (SOQ)

## ✓ Organizational Chart and Narrative

- Clear separation between QA and QC staff
- One lead QA Inspector shall be assigned to the structure and bridge elements of the Project and one lead QA Inspector shall be assigned to the roadway elements of the Project.

# Contents of Statements of Qualifications (SOQ)

- **Experience of Offeror's Team** **(Section 3.4)**
  - ✓ Lead Contractor Work History Form
    - » If Joint venture (JV) one work history form required for each member of the JV
  - ✓ Lead Designer Work History Form

Format and Appearance of the Key Personnel Resume Form and Work History Forms should not be modified **(Section 5.2.2)**

The team proposed by the Offeror shall remain intact throughout the procurement process and, if awarded the contract, the duration of the contract **(Section 11.1)**

- **Project Risks** **(Section 3.5)**
  - ✓ Offerors to identify 3 unique Risks critical to the success of the Project
    - » Why is the risk critical?
    - » What is the potential impact?
    - » Mitigation strategies?
    - » VDOT's role?

# Evaluation Criteria

**(Section 4)**

• Offeror's Team Structure	20 %
• Experience of Offeror's Team	40 %
• Project	<u>40 %</u>
<b>Total</b>	<b>100%</b>

**Design Build Evaluation Guidelines, Revised September 2019 (On VDOT's DB Website)**

[http://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/DB\\_Evaluation\\_Guidelines\\_9-5-2019.pdf](http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/DB_Evaluation_Guidelines_9-5-2019.pdf)

# Submittal Requirements

## (Section 5)

- **Deadline for submitting a Statement of Qualifications is June 29 at 4:00PM**
- **SOQs will only be accepted electronically through Bid Express (BidExpress.com).**
- **SOQ's shall be submitted as a single .PDF file; no more than 20 megabytes in size; no more than 15 pages.**
- **The SOQ must be submitted by the Offeror (i.e., not by Sub-consultant, Sub-contractor etc. on the Offeror's team).**



# Bid Express

- Information regarding Bid Express available on our procurement website under the project: <http://www.virginiadot.org/business/request-for-qualifications.asp>
  - Account Registration
  - Frequently Asked Questions
  - User Guide
  - Vendor Set-up guide
- Registration with Bid Express is free. Payment required for submitting an SOQ.
- Deadline for submitting an SOQ is **June 29, 2021** at 4:00 PM (EST). You can submit and/or resubmit up until that time. No submissions allowed after due date and time.
- VDOT will not have access to SOQ's until after June 29, 2021 at 4:00 PM (EST).

**DO NOT WAIT UNTIL THE LAST MINUTE TO SUBMIT!**

# RFQ Questions

## (Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.
- Deadline for submitting Questions is May 18, 2021
- Responses will be posted to Bid Express by June 8, 2021

# RFQ Administrative Requirements

## (Section 9)

Offerors are prohibited to access VDOT right of way and private property within the Project limits to perform any activities other than to observe the conditions of the site, unless otherwise approved in writing by VDOT's POC included in, Section 2.7.

Furthermore, the Offerors are on notice that any unauthorized access to VDOT right of way and private property within the Project may be considered sufficient for the disqualification of the Offeror or may render the Offeror's SOQ non-responsive or both.

# Conflict of Interest

## (Section 11.2)

**The following firms have been determined to have a conflict of interest:**

- Accumark, Inc.
- AECOM
- Arcadis U.S., Inc.
- CES Consulting, LLC
- Clark Nexsen
- Glenno Engineering
- HDR, Inc.
- Johnson , Mirmiran & Thompson, Inc. (JMT)
- Kimley Horn and Associates
- Mott MacDonald
- NXL, a division of Century Engineering, Inc.
- Reynolds, Smith and Hills, Inc. (RS&H, Inc.)
- Rice Associates
- Rummel, Klepper & Kahl, LLP
- Stantec Consulting Services, Inc.
- Terracon Consultants, Inc.
- Vanasse Hangen Brustlin, Inc. (VHB)
- Volkert
- Woolpert, Inc.
- WSP USA



# Conflict of Interest

## (Section 11.2)

**The following firms (including their subsidiaries and affiliated companies) may have a real or perceived conflict of interest. However, no conflict of interest determination request has been submitted for VDOT's decision and should be considered conflicted.**

- A. Bruce Williams & Associates
- Athdel Ventures, Inc. dba The Miles Agency
- BabEng LLC
- Danreff dba Business transformation Group ( BTG)
- Hana Engineers and Consultant, LLC
- JCK Underground
- PACE Collaborative, P.C.
- Seventh Point Transportation PR
- Solstice Environmental, LLC

# Conflict of Interest

## (Section 11.2)

- **Each Offeror shall identify potential conflicts of interest**

See Alternate Project Delivery Office Memorandum IIM-APD-2 dated November 9, 2017 ([http://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/IIM-APD-2.2\\_Final\\_11-9-2017.pdf](http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/IIM-APD-2.2_Final_11-9-2017.pdf))

- **If there is a potential for conflict of interest, the firm shall submit a request for Conflict of interest determination in writing to VDOT's POC**
- **Embedded Employees within VDOT may pose a potential Conflict of Interest**

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