

**HREL**

**HAMPTON  
ROADS  
EXPRESS  
LANES**

N E T W O R K





# PROJECT INFORMATION PRESENTATION

## I-64 HAMPTON ROADS EXPRESS LANES SEGMENT 1A

**CITY OF NORFOLK, VIRGINIA**

STATE Project No.: 0064-122-470

Contract ID: C00117840DB112

**Claudia Walsh, P.E. – Project Manager**

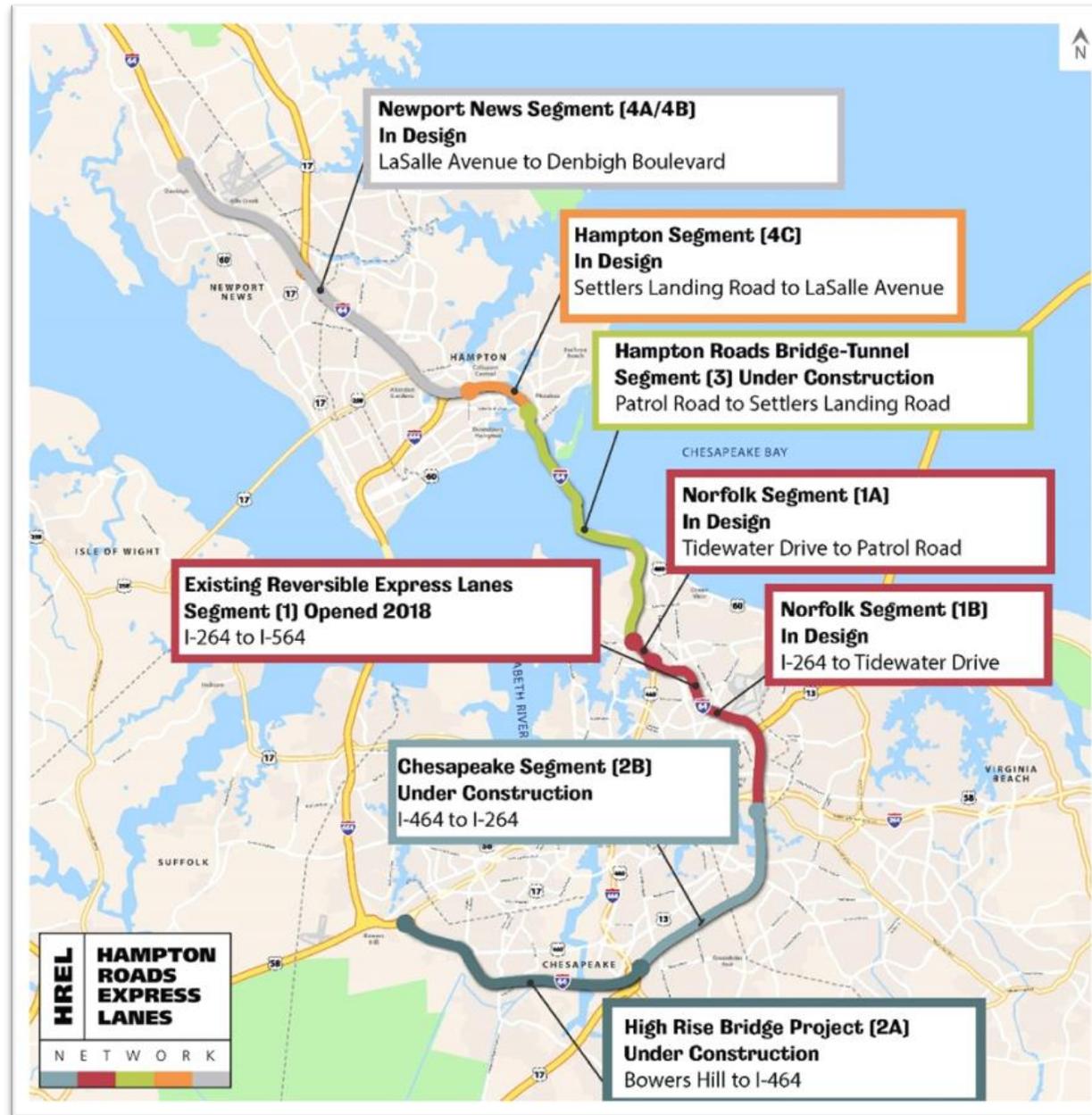
**Bryan Stevenson, P.E., DBIA – APD Project Manager - POC**

January 27, 2022

# 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

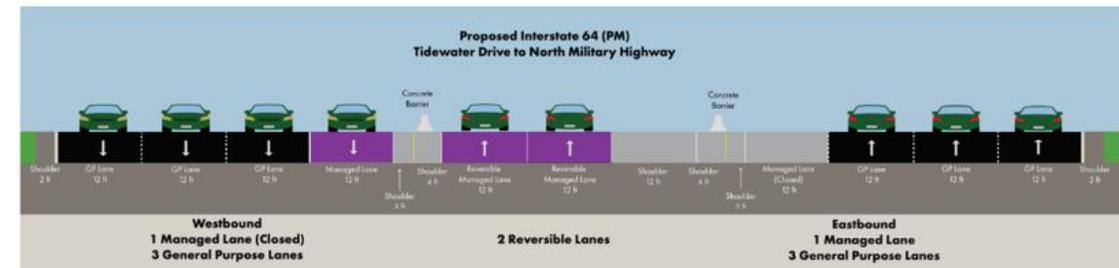
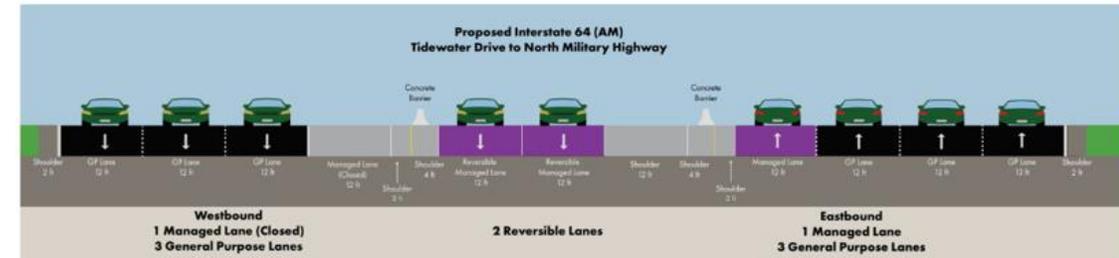
- Provide for faster travel times in the general purpose and managed lanes, less congestion in general purpose lanes, and a more reliable system of travel in the Interstate 64 corridor.
- Managed lanes can improve travel time and reliability by providing drivers an option during peak travel times when 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 2.2 miles: From 0.150 miles east of Patrol Road to 0.663 miles east of Tidewater Drive
- Convert Three (3) Existing EB and WB General Purpose (GP) Lanes and Shoulders into 1 Part Time Shoulder Express Lane and 3 GP Lanes.
- Widening is limited throughout the corridor:
  - 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

- Widening and rehabilitating 5 existing bridges.



# Project Overview - Bridges

- Widen and Rehabilitate the I-64 EB bridges over Granby Street, I-564 and E. Little Creek Road.
- Widen and Rehabilitate the I-64 EB and WB bridges over Tidewater Drive



**I-64 over Granby St**



**I-64 over I-564**



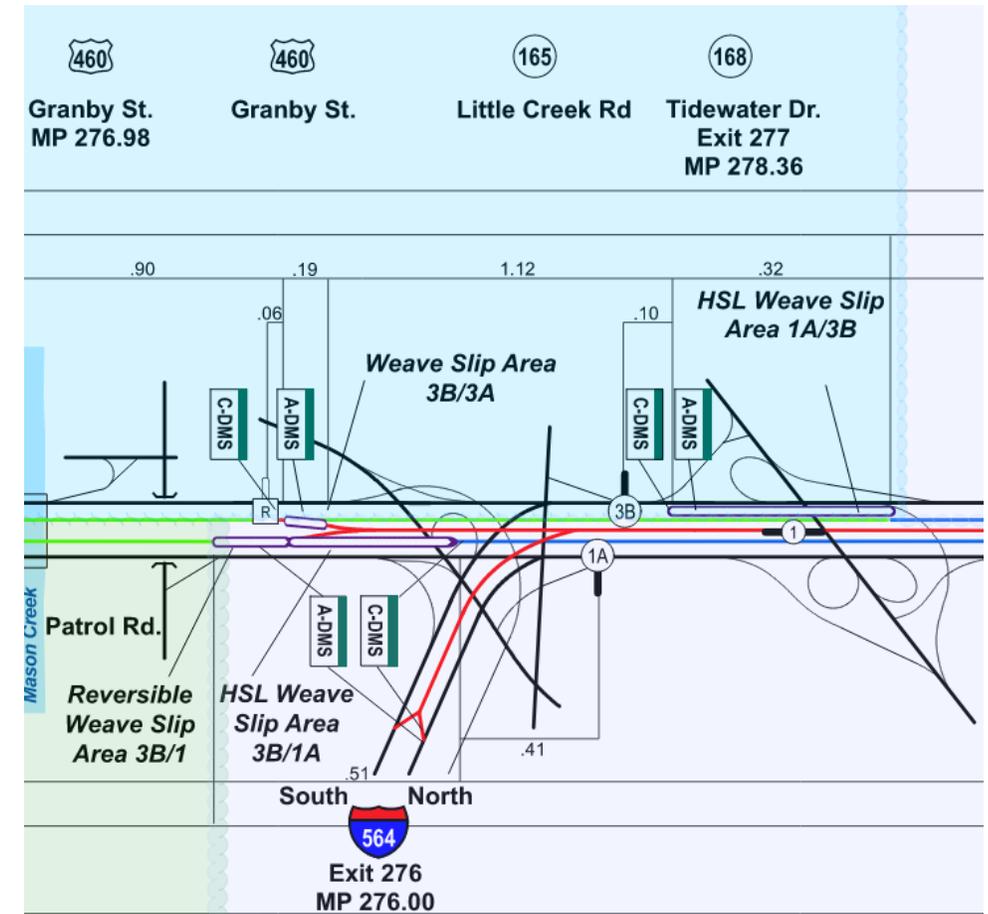
**I-64 over E. Little Creek Rd**



**I-64 over Tidewater Drive**

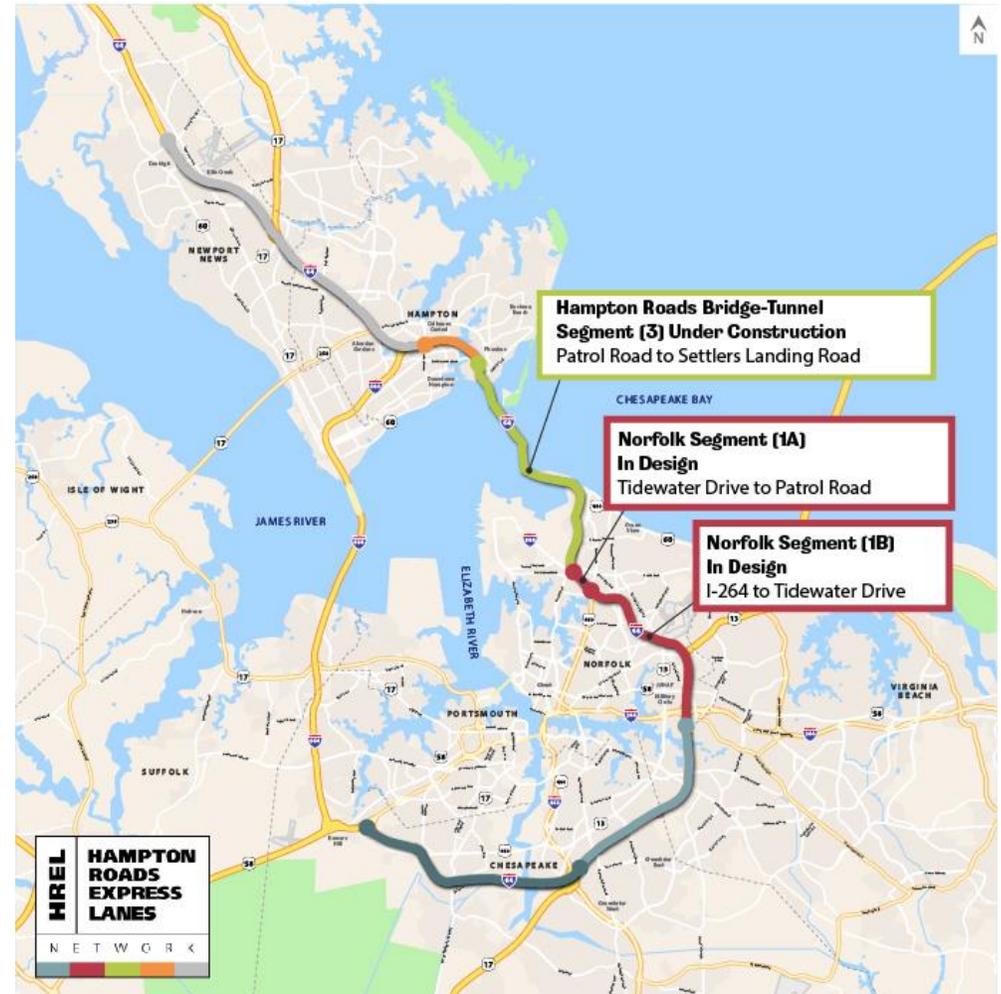
# Project Overview - Tolling

- As Part of the HREL Network, two tolling locations included in the Segment 1A Project and one registry point.
- Expected locations are near E. Little Creek Road.



# Project Overview – Adjacent Projects

- Western 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.
- Eastern Termini Ties into the proposed HREL Segment 1B Project



# Project Overview – Stakeholders

- US Navy
- City of Norfolk
- Forest Lawn Cemetery



**Forest Lawn Cemetery**

# Project Scope

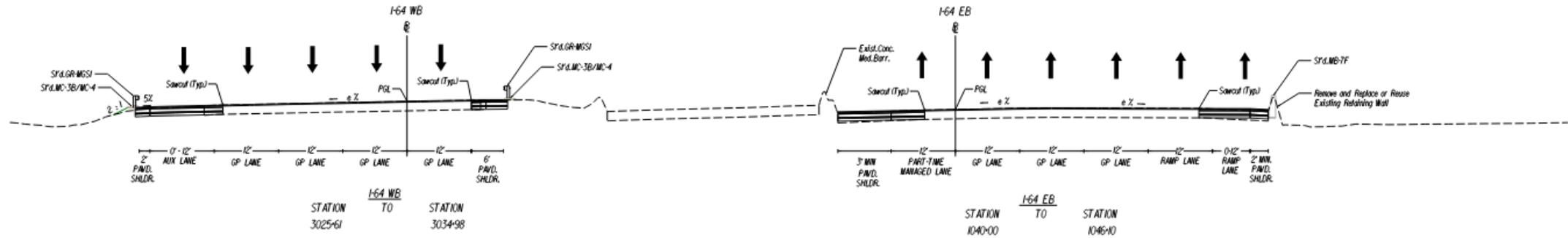
The scope includes but is not limited to all work required to support the design and construction of:

- 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
- Signing and Lighting
- Construction Engineering and Inspection
- Overall Project Management

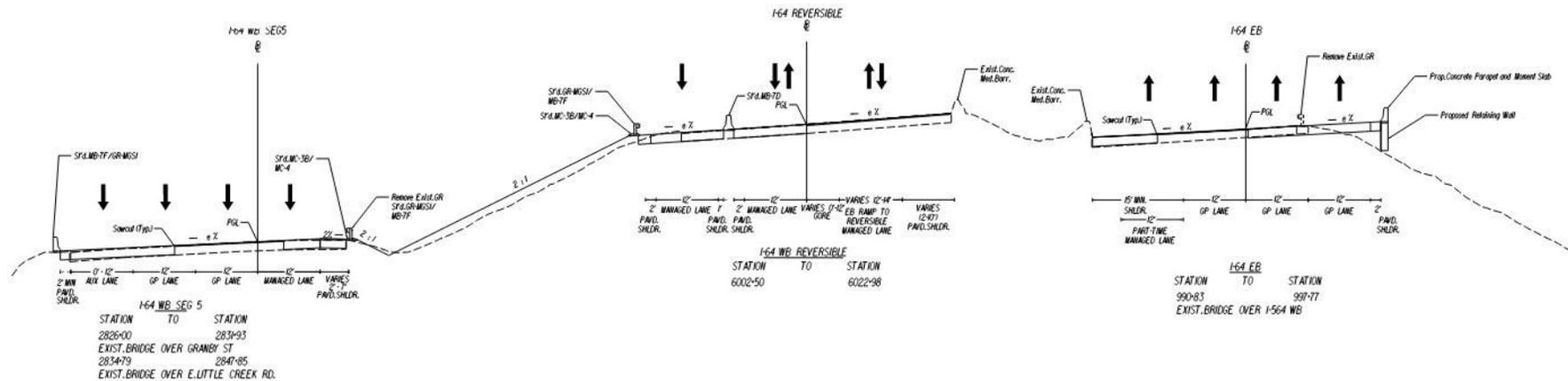
# Project Status

- **NEPA Document:** Categorical Exclusion - December 20, 2021
- **Public Involvement:** Design Public Hearing - December 1 and 2, 2021
- **Delivery method:** Design-Build
- **Procurement Type:** Two-Phase, Best Value
- **Funding:**
  - HRTAC
  - Treated as Federally Eligible

# I-64 EB and WB Typical Sections



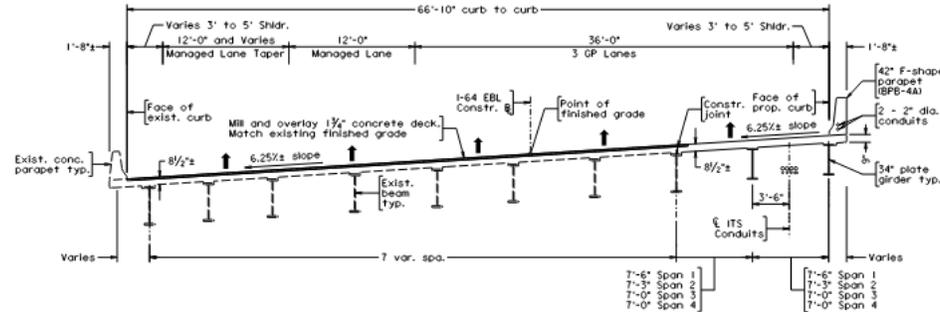
One (1) Managed Part Time Shoulder Lane and Three (3) GP LANES



One (1) Managed Part Time Shoulder Lane and Three (3) GP LANES and Reversible Lanes

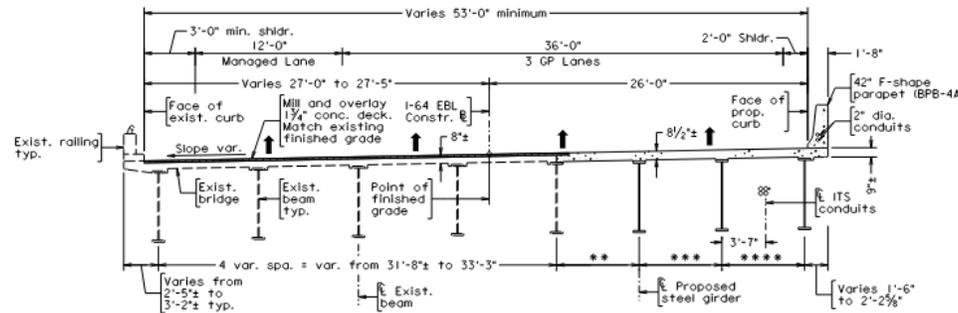
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# Bridge Typical Sections



PROPOSED TRANSVERSE SECTION

## I-64 Bridge Over Granby Street

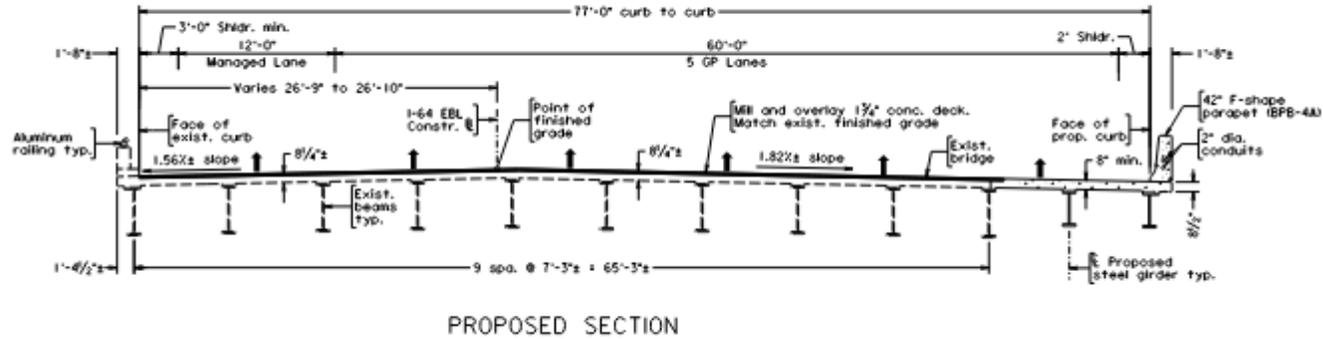


PROPOSED SECTION

## I-64 Bridge Over I-564

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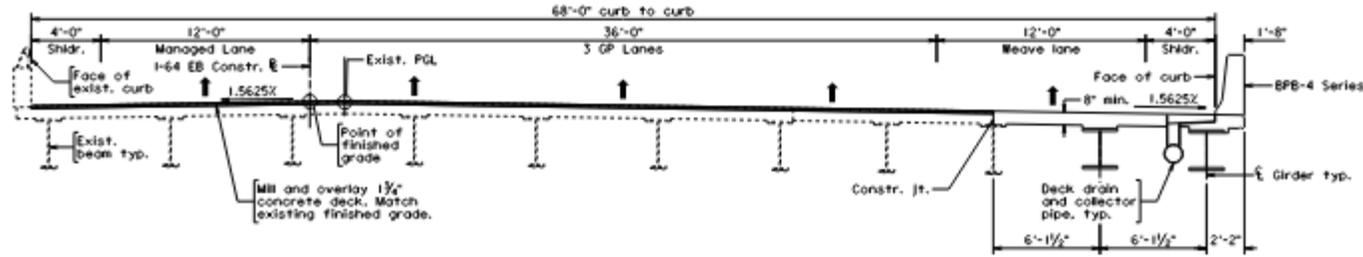
# Bridge Typical Sections



I-64 Bridge Over E. Little Creek Road

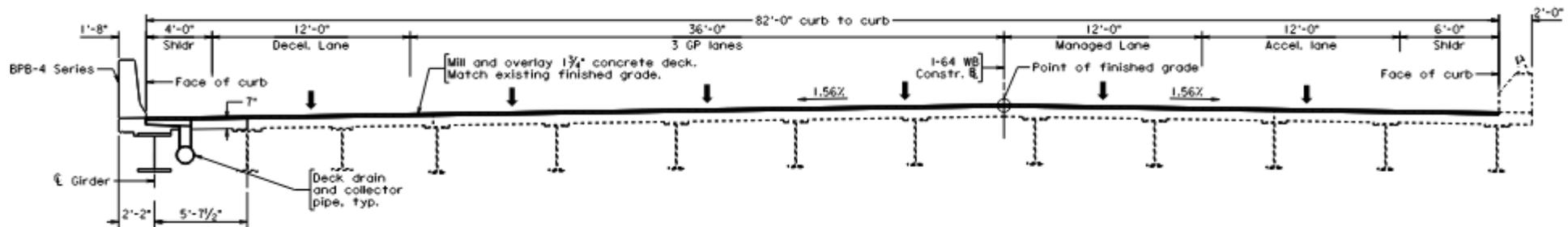
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# Bridge Typical Sections



PROPOSED TRANSVERSE SECTION

## I-64 EB Bridge Over Tidewater Drive



PROPOSED TRANSVERSE SECTION

## I-64 WB Bridge Over Tidewater Drive

NOT TO SCALE

# RFQ SUMMARY

- **VDOT POC**

Bryan W. Stevenson, P.E., DBIA  
Alternate Project Delivery Division  
1401 East Broad Street  
Richmond, Virginia 23219  
Phone: (804) 786-6929  
E-mail: [Bryan.Stevenson@vdot.virginia.gov](mailto:Bryan.Stevenson@vdot.virginia.gov)

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$117,000,000**

# 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** **02/03/2022**
- **VDOT Response to Questions** **02/10/2022**
- **SOQ Submission Date** **03/03/2022 (4:00 PM prevailing local time)**
- **Notification of Shortlist** **04/20/2022**
- **Anticipated RFP Release Date** **04/27/2022**
- **Technical Proposals Due** **08/10/2022**
- **Price Proposals Due** **09/15/2022**
- **Anticipated Award Date** **10/19/2022**
- **Final Completion** **12/2025**

# RFQ Information Package

**(Section 2.8)**

- **RFQ Conceptual Plan**
- **As Built Plans**
- **Categorical Exclusion, dated December 20, 2021**
- **Existing Topographical Survey**
- **Utility Survey**
- **Hampton Roads Regional Express Lanes Network- Traffic Operations and Safety Analysis Memorandum**
- **Tolling Schematic**
- **Geotechnical information**

# 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 BidExpress.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 **12%** 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)

## ✓ Key Personnel (Cont.)

### ✓ Deputy Key Personnel

- Permitted on this project for:
  - Deputy Design-Build Project Manager (DDBPM)
  - Deputy Quality Assurance Manager (DQAM)
  - Deputy Design Manager (DDM).
- Shortlisted Offeror will have the opportunity to propose Deputy Key Personnel positions to be included with their Technical Proposal. **These positions shall not be shown as part of the SOQ Organizational Chart or discussed anywhere in the SOQ**

# 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. If more than three team members, provide three who have the highest percent participation as indicated on the approved Joint Venture Bidding Agreement
  - ✓ 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)**

# Contents of Statements of Qualifications (SOQ)

- **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 Risks	<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 March 3 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 **March 3, 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 March 3, 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 February 3, 2022
- Responses will be posted to Bid Express by February 10, 2022

# 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:**

- AECOM
- Arcadis U.S., Inc.
- HDR, Inc.
- Johnson, Mirmiran & Thompson, Inc.
- Kimley Horn & Associates
- NXL, a division of Century Engineering, Inc.
- Reynolds, Smith and Hills, Inc. (RS&H, Inc.)
- Rummel, Klepper & Kahl, LLP
- On Point Transportation PR
- Volkert
- Woolpert, Inc.
- WSP USA

# 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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