



# PROJECT INFORMATION PRESENTATION

## I-81 WIDENING MM 136.6 TO MM 141.8

I-81 CORRIDOR IMPROVEMENT PLAN  
PROJECTS 39A AND 39B

**ROANOKE COUNTY AND CITY OF SALEM, VIRGINIA**

**UPC 116203**

**0081-080-946, P101, R201, C501, B677, B678,  
B681, B682, B683, B684, B685, B686, B687, B688**

Contract ID: C00116203DB108

**Craig Moore, P.E. – Project Manager**

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

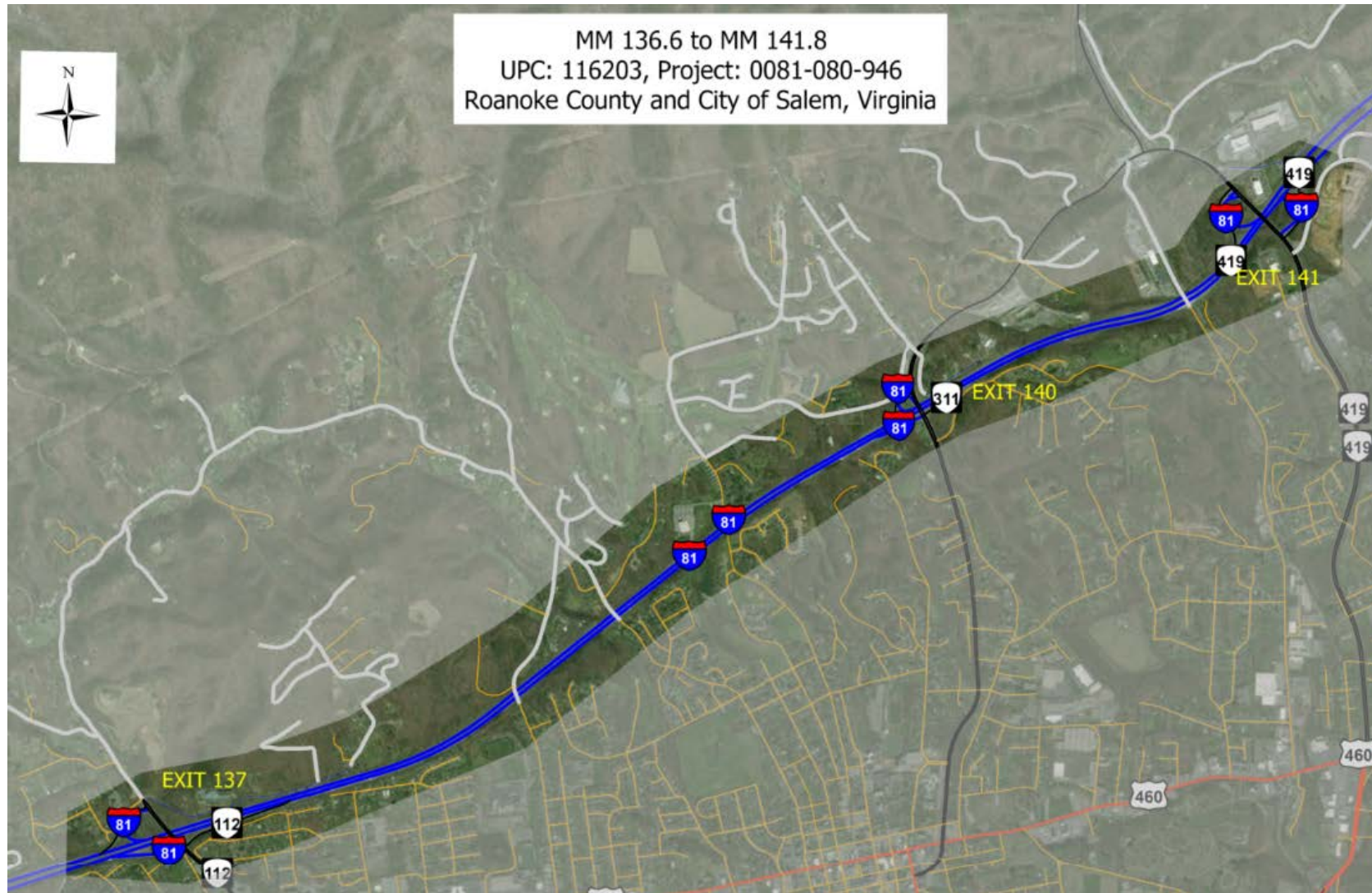
June 1, 2020

# Agenda

- **Project Overview**
- **RFQ Summary**



# Project Location



# Purpose and Need/Overview

## Project Purpose & Need

The purpose of the project is to provide additional capacity, reduce congestion, and improve reliability and safety.

## Project Overview

- Involves adding a third lane on Northbound and Southbound I-81 beginning south of exit 137 and ending north of exit 141, along with improvements to the southbound exit ramp at the exit 137 interchange.
- Includes, but are not limited to: an additional lane in both northbound and southbound directions; six bridges replaced and two bridges widened at Thompson Memorial Drive (Route 311- exit 140); asphalt milling and resurfacing of existing pavement; and installation/upgrade of sign structures, guardrail, storm drain pipes, stormwater management facilities, and sound walls.
- Includes tying into adjacent project, I-81 Auxiliary Lanes from Exit 141 to 143, which is under construction.

# Project Status

- **NEPA Document**
  - **CE Anticipated August 2020**
- **Public Involvement**
  - **Public Hearing Anticipated Fall 2020**
- **Delivery method will be Two Phase Best Value Design-Build**
- **Funding:**
  - **Fully funded PE and RW**
  - **Partially funded CN**

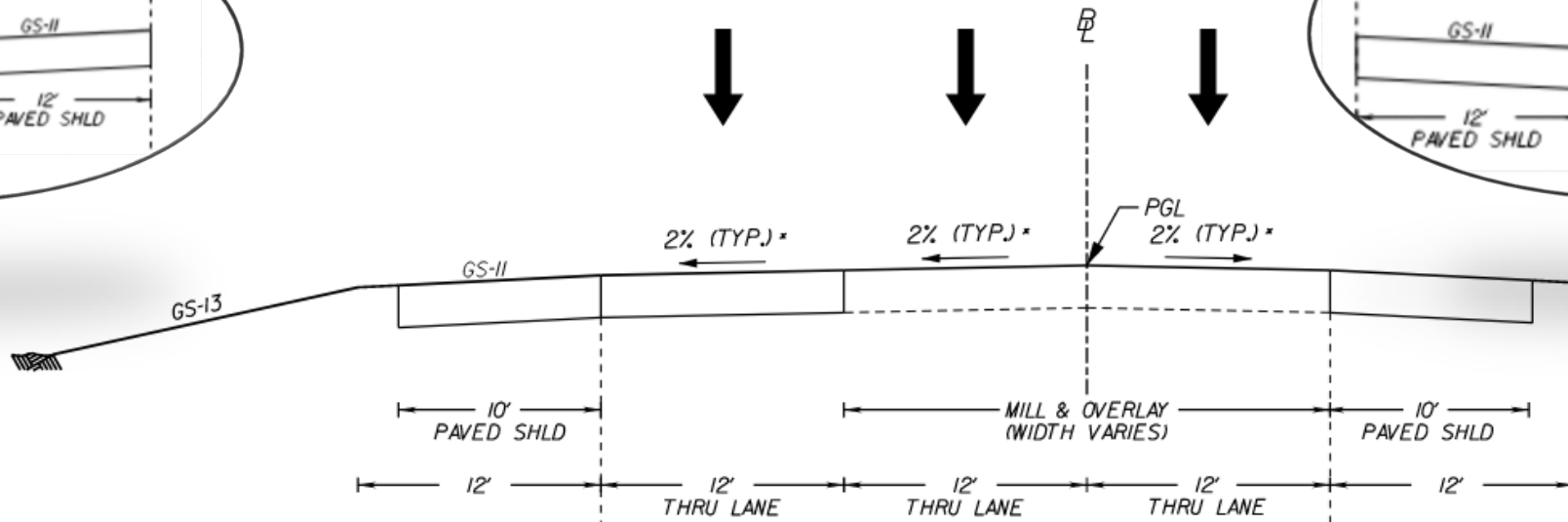
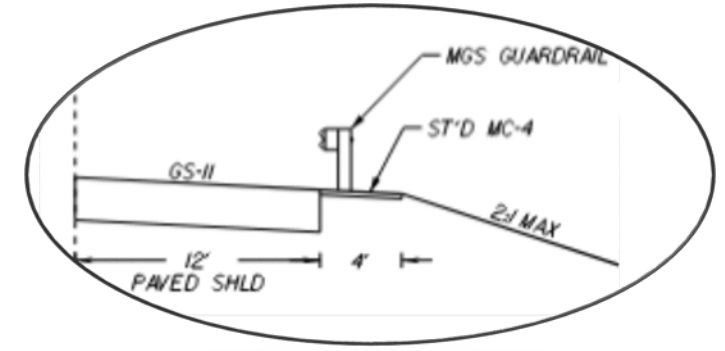
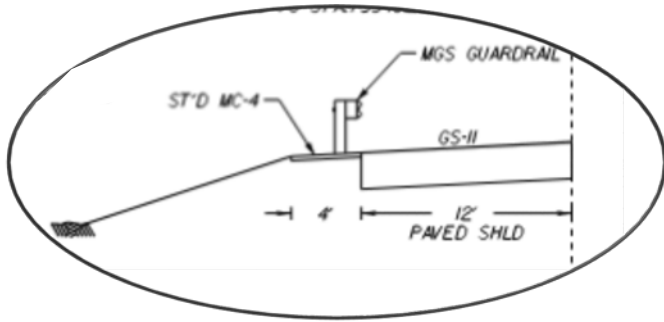
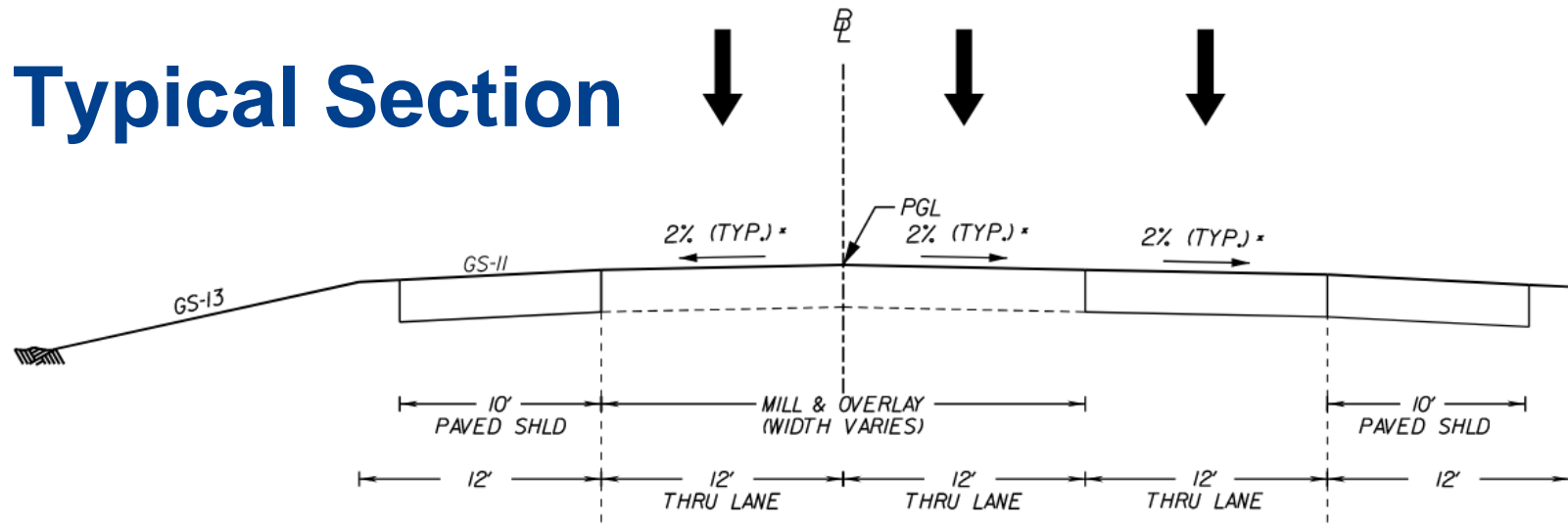
# Project Scope

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

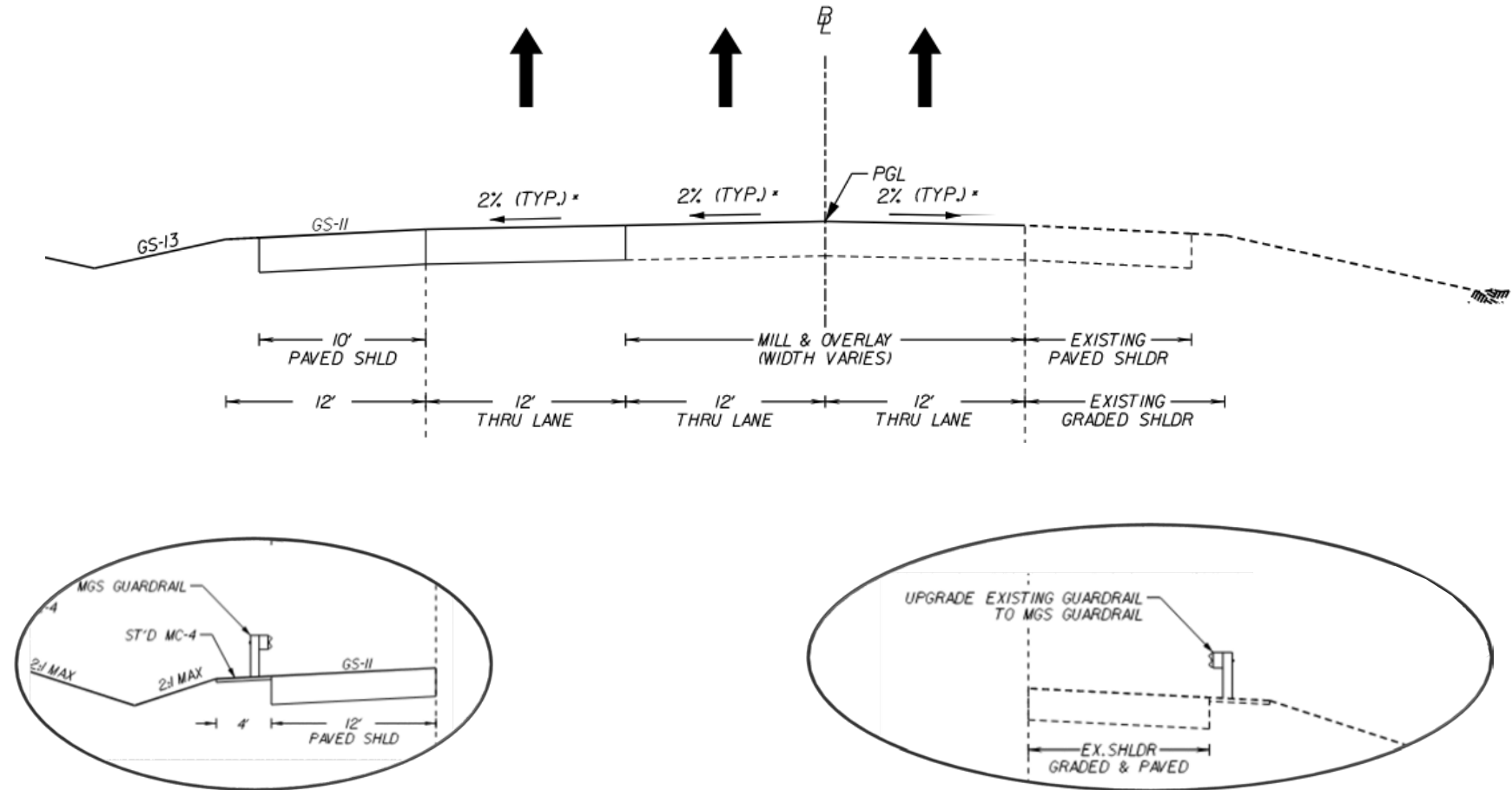
- **Roadway**
- **Survey**
- **Structure and Bridge**
- **Environmental**
- **Geotechnical**
- **Drainage, ESC, and SWM**
- **Traffic Control Devices**
- **Transportation Management Plan**
- **Sound walls**
- **Right-of-Way**
- **Utilities**
- **Public Involvement/Relations**
- **Signage, Lighting, Variable Message Boards, and Cameras**
- **Quality Assurance and Quality Control**
- **Construction Engineering and Inspection**
- **Overall Project Management**



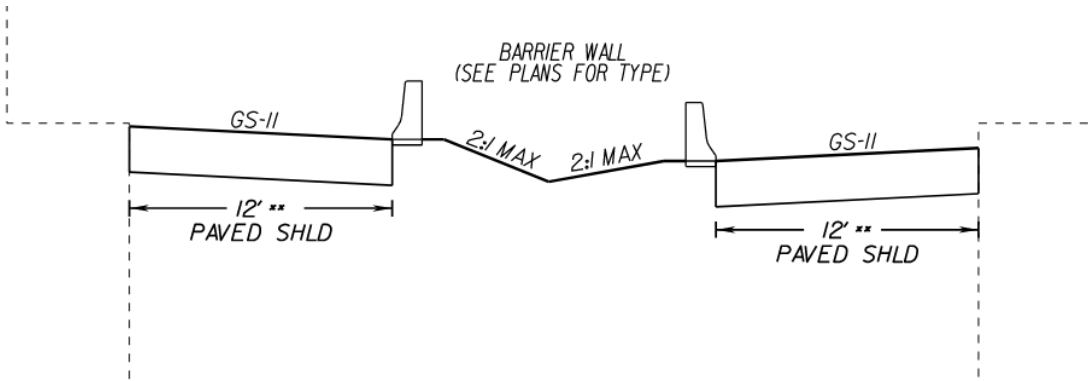
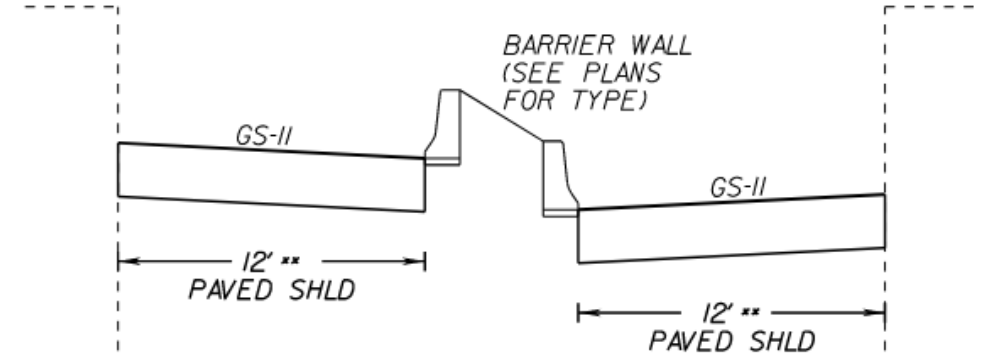
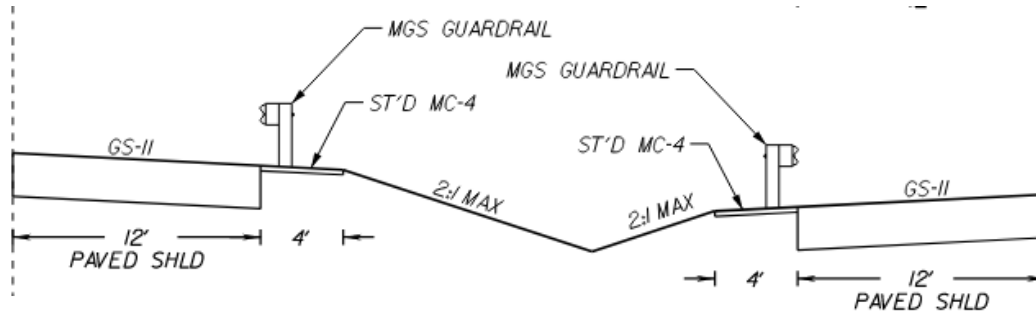
# I-81 SB Typical Section



# I-81 NB Typical Section



# I-81 Inside Typical Section: Guardrail and Barrier Wall



Anticipate DE/DW for shoulder widths:

- ❑ I-81
  - North of Route 112
    - (Approx. Length = 0.3 mile)
  - Vicinity of Red Lane (Route 705)
  - Vicinity of Exit 140 (Route 311)
  - Vicinity of Exit 141 (Route 419)
- ❑ Route 635
- ❑ Route 619

# RFQ SUMMARY

- **VDOT Point of Contact (POC)**
  - Bryan Stevenson, P.E., DBIA**
  - Alternative 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 - \$225,000,000**

# Alternative Technical Concepts (ATCs)

- Code of Virginia ( § 33.2-209(B) has been amended to allow consideration of ATCs)
- ATCs will 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** **06/12/2020 (4:00 PM)**
- **VDOT Response to Questions** **06/19/2020**
- **SOQ Submission Date** **07/08/2020 (4:00 PM)**
- **Anticipated RFP Release Date** **09/2020**
- **Technical Proposals Due** **12/2020**
- **Price Proposals Due** **01/2021**
- **Anticipated Award Date** **03/2021**
- **Final Completion** **12/2025**

# RFQ Information Package

(Section 2.8)

- ❑ **RFQ Conceptual Road and Bridge Plans**
- ❑ **Preliminary Master Survey Files**
- ❑ **Preliminary Traffic Data**
  - Crash Data
  - I-81 HCS Study (2017)
- ❑ **Preliminary Planning Information**
- ❑ **STARS I-81 Auxiliary Lanes Exit 140 to Exit 141 Conceptual Design Report and Conceptual Plan**
- ❑ **Project 108906 I-81 Auxiliary Lanes from Exit 141 to Exit 143**
  - Road and bridge plans
  - Geotechnical Engineering Report
  - Bid Proposal

Available for download as two (2) zip files on the Design-Build Request for Qualifications (RFQs) webpage:  
<http://www.virginiadot.org/business/request-for-qualifications.asp>





# 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 9% DBE participation goal
  - ✓ Electronic signatures or scanned signatures are acceptable.

# Contents of Statements of Qualifications (SOQ)

- Offeror's Team Structure

(Section 3.3)

- ✓ Key Personnel (6)

- **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 and otherwise delivers a safe, functional Project.

- **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
- » Provide a list of current assignments and anticipated duration of each assignment

- **Design Manager**

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

# Contents of Statements of Qualifications (SOQ)

- **Offeror's Team Structure**

**(Section 3.3)**

- ✓ **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 the Project site full-time for the duration of construction operations.

- **Incident Management Coordinator (IMC)**

- » Responsible for responding to all incidents with the projects limits
- » Serve as the key point of contact for issues arising relative to incident management.
- » Required to be on the Project site full-time for the duration of construction operations.

- ✓ **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
- ✓ 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)**

# Contents of Statements of Qualifications (SOQ)

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)**
  - ✓ DB team 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 40%
- Total 100%**

## Design-Build Evaluation Guidelines, Revised September 2019

[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)

Located on VDOT'S D-B Website -- <http://www.virginiadot.org/business/design-build.asp>)

# Submittal Requirements

## (Section 5)

- **Deadline for submitting a Statement of Qualifications (SOQ) is July 8 at 4:00PM**
- **SOQ's will only be accepted electronically through Bid Express. SOQ's shall be submitted as a single .pdf which should be no more than 20 megabytes in size.**
- **The SOQ must be submitted by the Offeror.**
- **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 Question**
  - **User Guide**
  - **Vender Set-up guide**

# Bid Express

- Bid Express requires a paid registration to submit an SOQ
- Deadline for submitting a SOQ is July 8 at 4:00 PM. You can submit and/ or resubmit up until that time. Bid express will not allow submissions after the due date and time.
- It is recommended that you test the submission process in advance of your final submission. Note that VDOT will not have access to an SOQ until after July 8 at 4:00 PM.
- **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 by e mail.
- Deadline for submittal is **June 12, 2020 (4:00 PM)**
- Responses will be posted by **June 19, 2020**

# Conflict of Interest

(Section 11.2)

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

- Reynolds Smith and Hills, Inc.
- Froehling & Robertson
- PRIME AE
- T3 Design Corporation
- Harris Miller Miller & Hanson Inc.

# Conflict of Interest

## (Section 11.2)

- **Each Offeror shall identify potential conflicts of interest**
  - **See Alternate Project Delivery Office Memorandum IIM-APD-2.2 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 a potential conflict of interest or competitive advantage is identified, the Offeror shall submit in writing the pertinent information to VDOT's POC**
- **Embedded Employees within VDOT may pose a potential Conflict of Interest**