

# PROJECT INFORMATION MEETING

## I-81 Widening MM 221 to MM 225

Contract ID 00116269DB116

Augusta County, Virginia

Scott Alexander, P.E. – Project Manager L&D

Joseph A. Clarke, P.E., DBIA – APD Project Manager

July 8, 2022

# Agenda

- **Welcome**
- **Project Overview**
- **RFQ Summary**
- **Questions**

# I-81 Corridor Improvement Plan

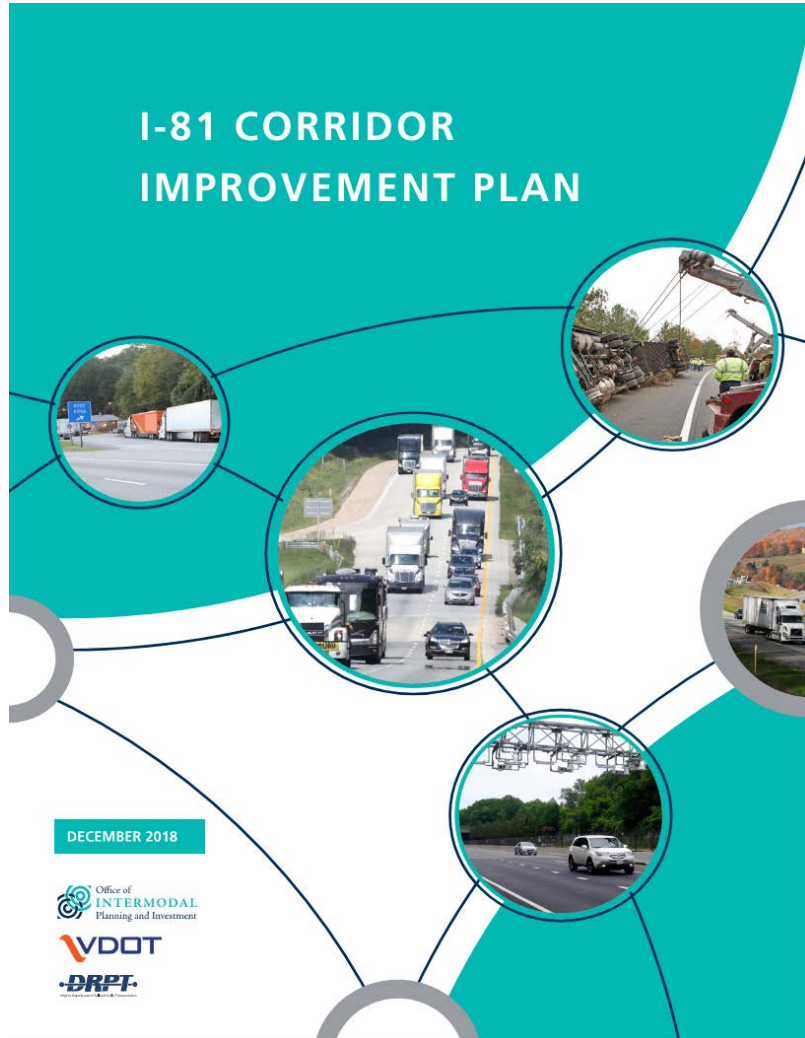


Table 10. Summary of Capital Improvements – Staunton District

Jurisdiction	Mile Marker (from/to)	Improvement Description	Total Project Cost (PE, RW, and Construction)
<b>Northbound Direction Only</b>			
Lexington/Rockbridge County	189.0 To 189.4	Extend acceleration lane	\$2,188,000
Raphine/Rockbridge County	205.3 To 205.7	Extend acceleration lane	\$2,354,000
Augusta County	232.4 To 232.8	Extend acceleration lane at Mt. Sydney Rest Area	\$1,097,000
Weyers Cave/Augusta County	233.3 To 237.4	Add truck climbing lane	\$96,391,000
Shenandoah County	268.8 To 268.9	Extend deceleration lane	\$1,000,000
Toms Brook/Shenandoah County	290.6 To 291.1	Extend acceleration lane	\$3,237,000
Middletown/Frederick County	302.5 To 302.9	Extend acceleration lane	\$2,418,000
Middletown/Frederick County	302.1 To 302.2	Extend deceleration lane	\$1,047,000
Frederick County	303.7 To 303.9	Extend deceleration lane at truck scales	\$1,980,000
<b>Southbound Direction Only</b>			
Shenandoah County	299.2 To 295.7	Widen to three lanes	\$95,082,000
Strasburg/Shenandoah County	296.7 To 296.3	Extend acceleration lane	\$1,609,000
Woodstock/Shenandoah County	283.3 To 282.9	Extend acceleration lane	\$2,354,000
Edinburg/Shenandoah County	279.2 To 278.7	Extend acceleration lane	\$2,248,000
Mount Jackson/Shenandoah County	272.3 To 272.3	MM 273 curve improvement (flashing chevron)	\$163,000
Weyers Cave/Augusta County	236.5 To 234.6	Add truck climbing lane	\$21,964,000
Augusta County	232.9 To 232.7	Extend deceleration lane at Mt. Sidney Safety Rest Area	\$1,057,000
Augusta County	232.5 To 231.9	Extend acceleration lane at Mt. Sidney Safety Rest Area	\$4,188,000
Staunton/Augusta County	221.5 To 221.2	Add auxiliary lane between Exit 221 and Exit 220	\$13,012,000
Raphine/Rockbridge County	205.2 To 204.7	Extend acceleration lane	\$3,237,000
Rockbridge County	204.5 To 195.1	Widen shoulder between MM 204 and MM 195 (includes 2.8 miles in northbound direction)	\$69,827,000
<b>Both Directions</b>			
Staunton/Augusta County	221.8 To 225.3	Widen to three lanes between Exit 221 and Exit 225	\$112,332,000
Harrisonburg/Rockingham County	242.2 To 248.1	Widen to three lanes from Exit 243 to Exit 248	\$239,956,000
Winchester/Frederick County	313.8 To 317.5	Widen to three lanes between Exit 313 and Exit 317	\$159,193,000
<b>Staunton District Total Recommended Improvement Costs</b>			<b>\$838,100,000</b>

# I-81 Corridor Improvement Plan



Match Line - See Board 2



# Location Map & Purpose and Need

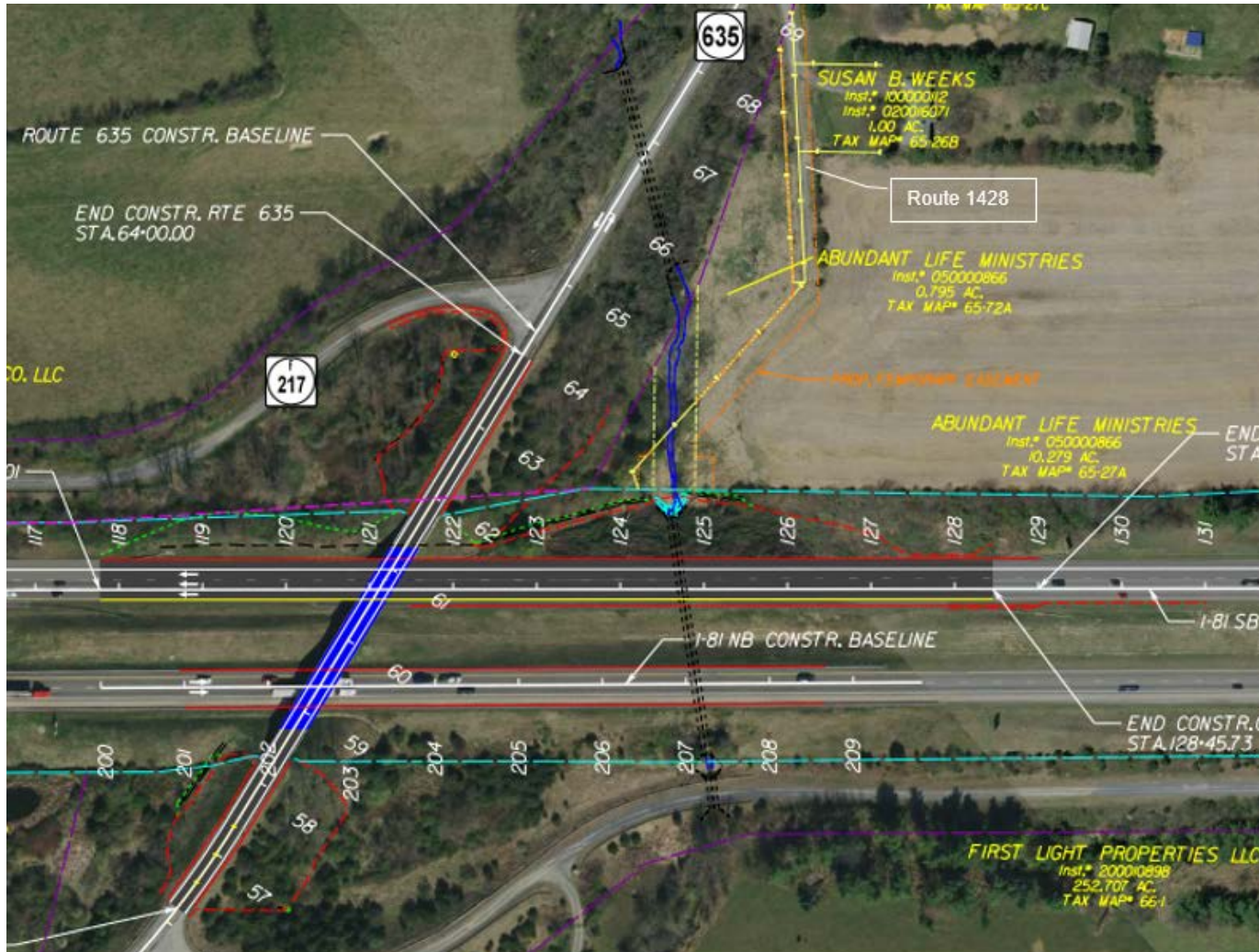


The purpose of the project is to sensibly address existing and future capacity needs along I-81 Northbound and I-81 Southbound, milemarker 221.7 - 225.5, improving operational safety by adding I-81 capacity, improving I-81 travel reliability for the public, limiting impacts to adjoining access ramps/loops, and replacing deficient bridge components within the project; and to be accomplished in such manner consistent with the I-81 Corridor Improvement Program.

# Project Overview – General:

- **Current estimate: \$172,370,890 (updated 12/21)**
- **Fully funded**
- **Adds a third lane in each direction between MM 221 and 225**
  - **NB lane begins at the Rt. 250 NB onramp (Exit 222) and ends at the Rt. 262 NB off-ramp (Exit 225)**
  - **SB lane begins before the Rt. 262 SB onramp and ends beyond (south of) the Rt. 250/I-64 auxiliary lane weave**
- **Widening to occur primarily towards the median**
- **Five mainline bridges will need to be improved (superstructure and/or deck replacement) and widened**
- **No overpass structures to be replaced (shoulder width DE's reqd)**

# Project Overview – Adjacent Project:

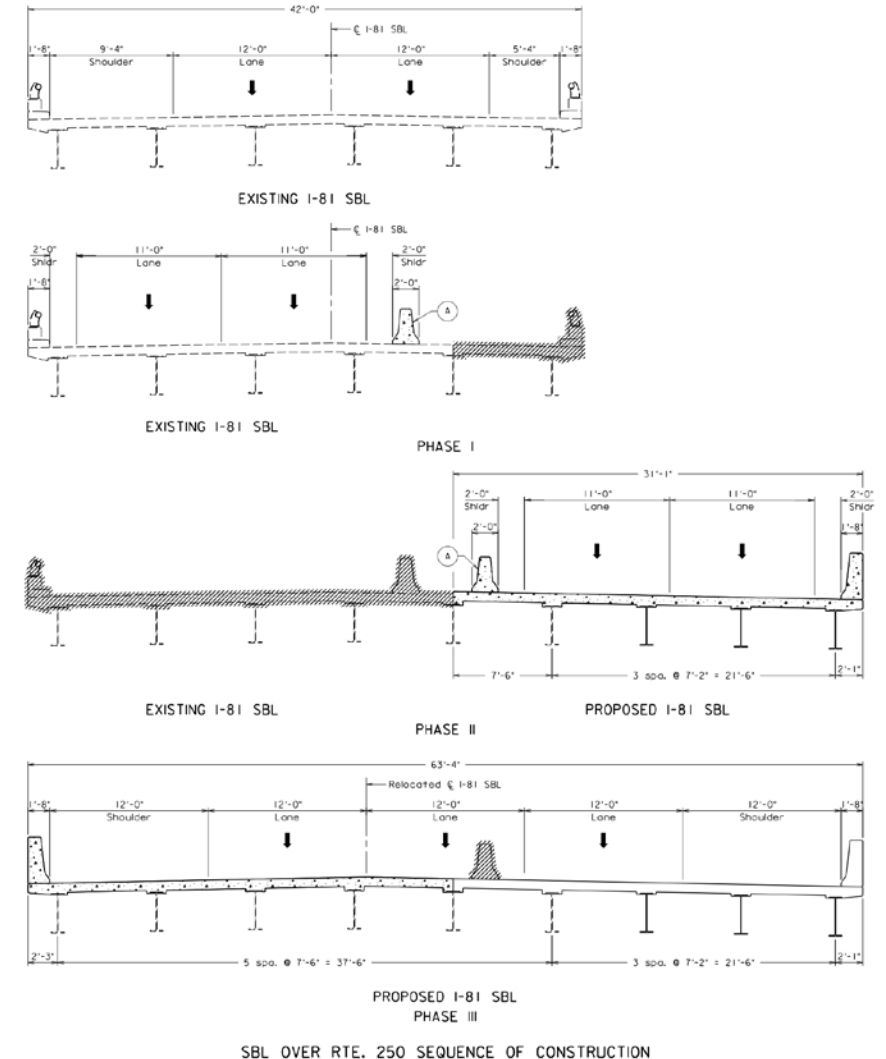


## I-81 SB MM221-220 Auxiliary Lane UPC 116279

- Joins SB onramp from I-64 to SB off-ramp to Rt. 262
- Includes Rt. 635 overpass replacement
- Ad: June 2023
- CN complete: Winter 2025

# Project Overview – Working Issues:

- **MOT: 11' lanes, 2' shy at bridges; Rt. 250 interchange**
- **Augusta Woods/CSX RR Bridge: Approved substandard clearances**
- **DE's: Shoulder width, cross-slope/superelevation (LiDAR obtained), Ramp 1 bridge clearance (hammerhead pier)**
- **Utilities – fiber optic relocation**
- **Naked Creek bridges – land-locked property & low-water crossing**
- **Closure pour requirements (deck vibration)**
- **Karst features**
- **Others: Sound walls, lighting....**





# RFQ SUMMARY

- **VDOT POC**

Joseph A. Clarke, P.E., DBIA  
Alternative Project Delivery Division  
1401 East Broad Street  
Richmond, Virginia 23219  
Phone: (804) 371-4316  
E-mail: [Joseph.Clarke@vdot.virginia.gov](mailto:Joseph.Clarke@vdot.virginia.gov)

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$122,000,000**

# Anticipated Schedule

## (Section 2.5)

- RFQ Questions to VDOT 07/20/2022 (4:00 PM)
- VDOT Response to Questions 08/03/2022
- SOQ Submission Date 08/17/2022 (4:00 PM)
- Notification of Shortlist 10/05/2022
- Anticipated RFP Release Date 10/19/2022
- Technical Proposals Due 01/11/2023 (4:00 PM)
- Price Proposals Due 02/15/2023 (4:00 PM)
- Anticipated Award Date 03/15/2023
- Final Completion 04/2027

# RFQ Information Package

**(Section 2.8)**

**Public Hearing Plans**

**Project Scoping Documents (PM-100)**

**Traffic Operations and Safety Analysis**

**NEPA Document (Categorical Exclusion)**

# 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 for responses to RFQ questions, this presentation, and Addendums  
<http://www.virginiadot.org/business/request-for-qualifications.asp>
- A revised C-78 form will be included with any future 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 participation 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**
      - » 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.

# Contents of Statements of Qualifications (SOQ)

## ✓ Key Personnel (Cont.)

- **Design Manager**

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

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

- **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 assignment and anticipated duration of each assignment

# 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** (Section 3.3)
  - Clear separation between QA and QC staff
- **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 January 2022 (On VDOT'S DB Website)**

[http://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/DB\\_Evaluation\\_Guidelines\\_1-28-2022.pdf](http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/DB_Evaluation_Guidelines_1-28-2022.pdf)

# Submittal Requirements

## (Section 5)

- Deadline for submitting a Statement of Qualifications is August 17, 2022 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.
  - Information on numbered tabs separating each section shall be limited to section number and section title. Graphics, photos, watermarks, or specific project information is not permitted.
- The SOQ must be submitted by the Offeror (i.e., not by Sub-consultant or Sub-contractor 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.
- You can submit and/or resubmit up until time of submittal. No submissions allowed after due date and time.
- VDOT will not have access to SOQ's until after SOQ submittal time.

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



# 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:

- **RS&H**
- **Athavale, Lystad & Associates**
- **DMY Engineering Consultants**
- **Kimley-Horn & Associates**
- **Moffatt & Nichol**
- **Schnabel Engineering**
- **T3 Design Corporation**
- **ATCS**

# 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**  
[https://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/IIM-APD-2.2\\_Final\\_11-9-2017.pdf](https://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**

# Questions?

- **Submit questions in writing by 4 PM on July 20**
- **VDOT will respond to questions by 4 PM on August 3**