



**Replacement of I-81 Structures 18942 & 18944 over  
Route 808 ( Halls Bottom Rd.) and Sinking Creek**

**Washington County, Virginia**

**State Project No. : 0081-095-038**

**Contract ID No.: C00107116DB85**

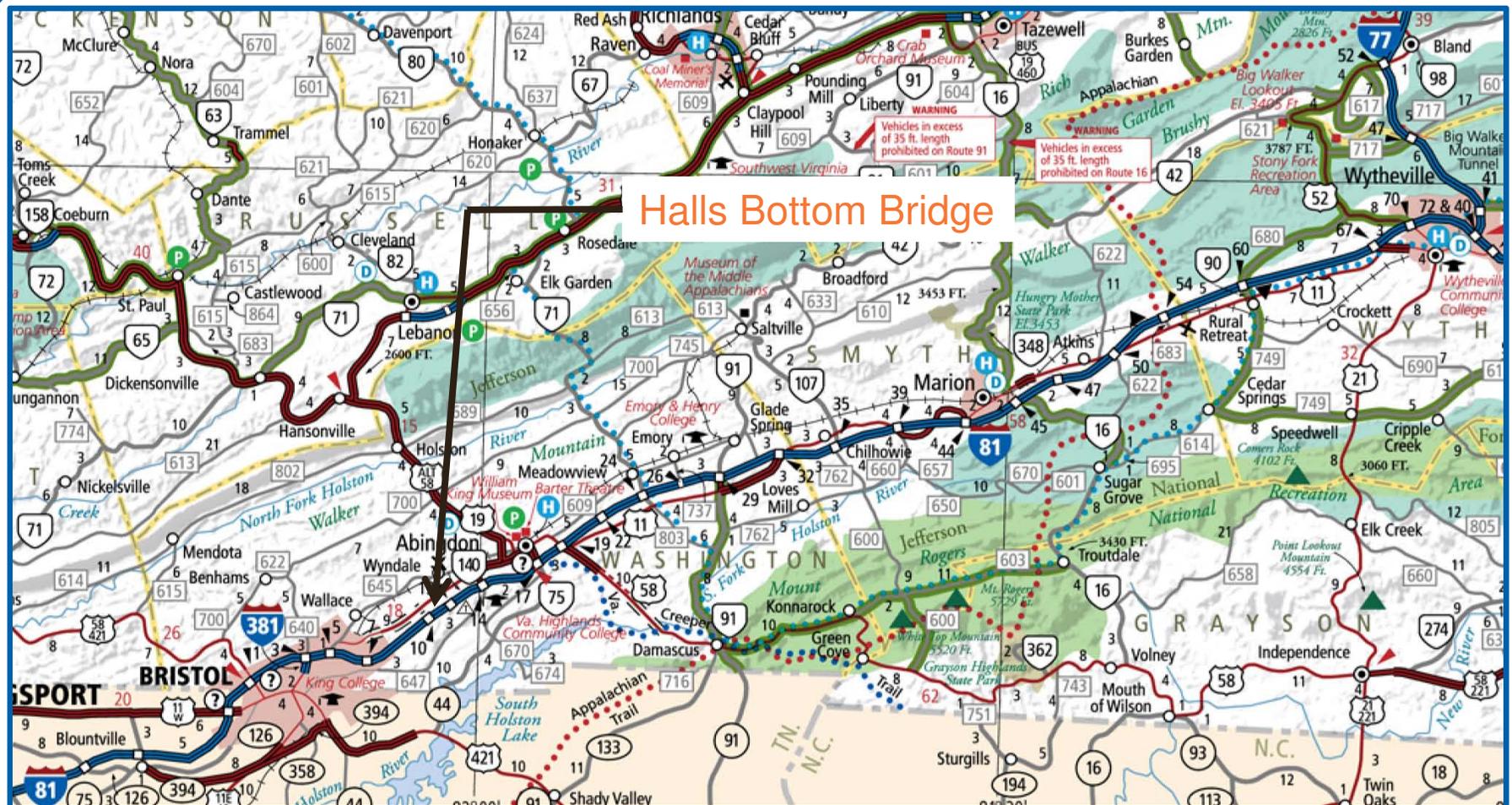


## Topics

- **Project Location**
- **Project Objectives**
- **Project Overview**
- **RFQ Summary**
- **Questions / Answers**

## Project Location

- Located near I-81 Mile Marker 11 between Bristol and Abingdon



## Project Objectives

- Replace existing deteriorated bridges
- Maintain 2 lanes of traffic in each direction of I-81 during construction
- Construction within the existing right-of-way
- **Include Special design elements to** accommodate future expansion/widening
- Avoiding impacts to other existing facilities
- Incorporate context sensitive design where appropriate

## Project Overview

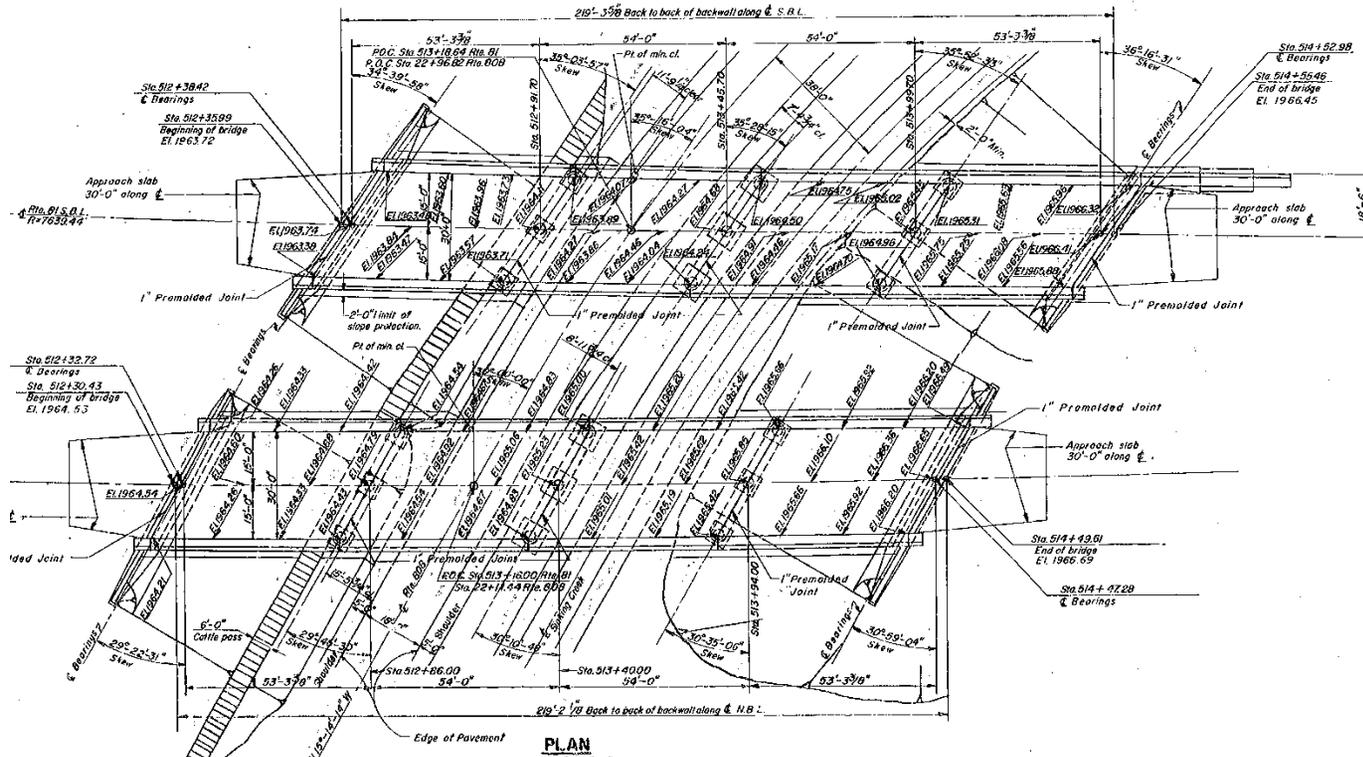
### Interstate 81 –

<b>Functional Classification:</b>	<b>Interstate</b>
<b>Present ADT: (2012)</b>	<b>46,066</b>
<b>Design Year ADT: (2041)</b>	<b>72,000</b>
<b>Design Hourly Volume:</b>	<b>7,200</b>
<b>Directional Distribution:</b>	<b>50/50</b>
<b>Truck Percentage:</b>	<b>22%</b>
<b>(Class 4-5):</b>	<b>1%</b>
<b>(Class 6-7):</b>	<b>2%</b>
<b>(Class 8-15):</b>	<b>19%</b>

### Halls Bottom Road –

<b>Existing ADT: (2008)</b>	<b>1,400</b>
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# EXISTING BRIDGES

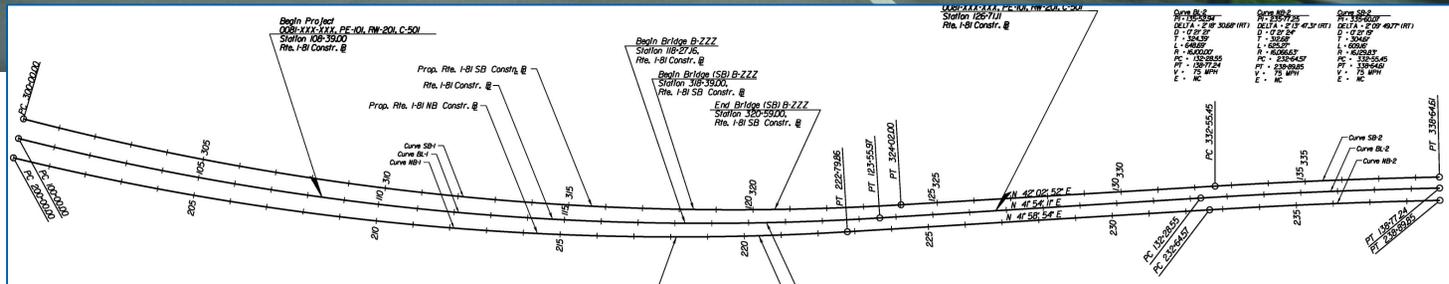


<p><b>Year built - 1963</b></p> <p><b>Four 54' simple spans per bridge</b></p> <p><b>30 degree +/- skew</b></p> <p><b>Two 12' lanes in each direction with 3' shoulders</b></p>	<p><b>Structurally Deficient (SD)</b></p> <p><b>Inspection ratings</b></p> <p><b>Deck: 4 (Poor)</b></p> <p><b>Superstructure: 5 (Fair)</b></p> <p><b>Substructure: 5 (Fair)</b></p> <p><b>Sufficiency rating = 60.4 &amp; 61.1</b></p>
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# EXISTING BRIDGES

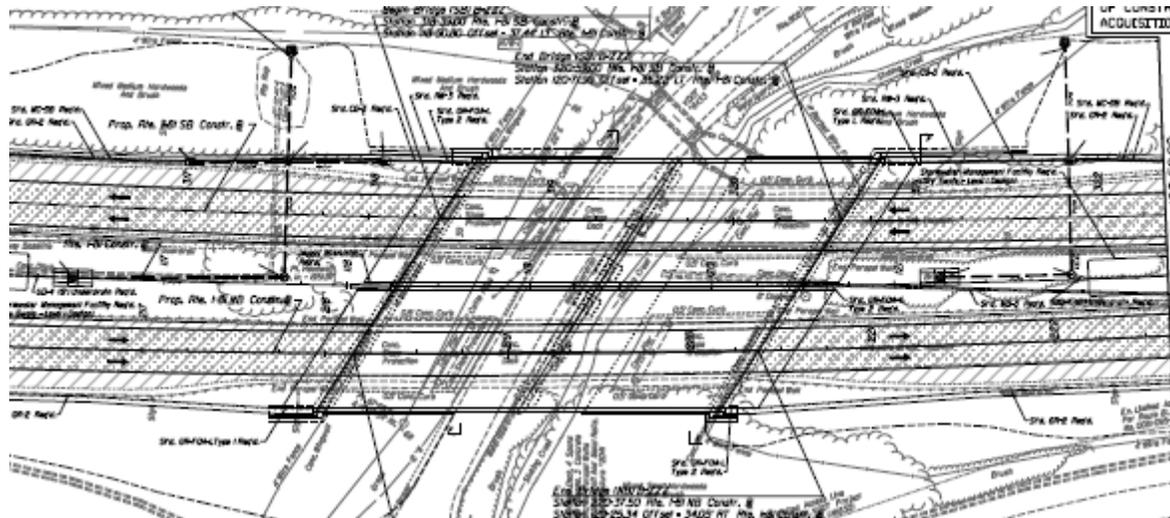


# APPROACH ROADWAY



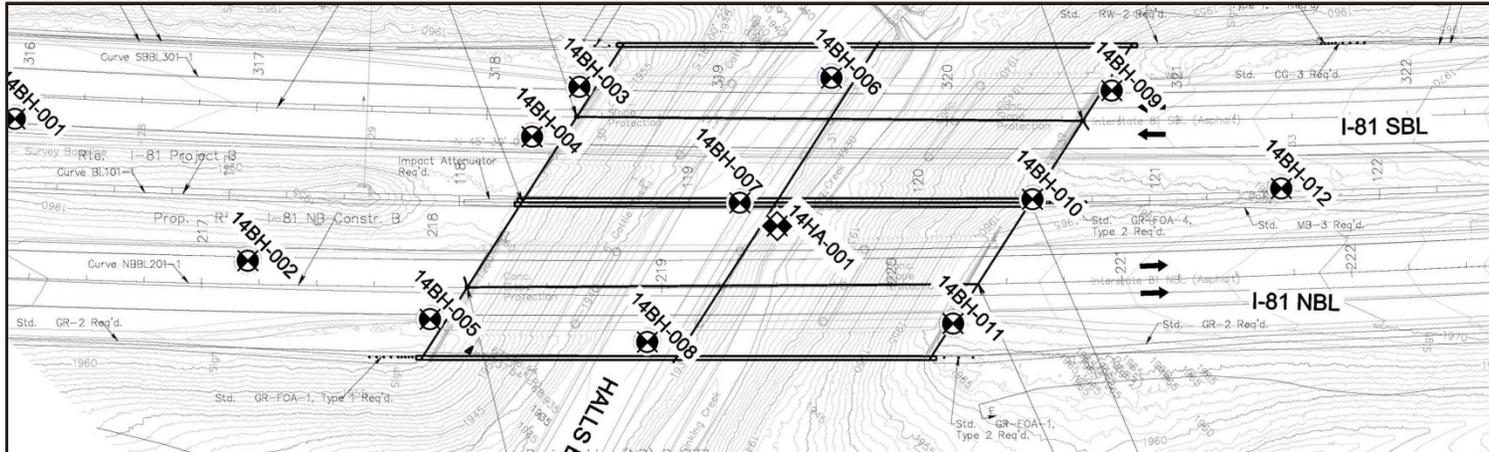
- Each side of I-81 has an independent horizontal alignment – converging at this project location
- Reduced median width
- Independent vertical profiles
- Posted speed limit 70 MPH

## RFQ Conceptual Plans



- **2- 12ft Lanes in each direction with 14 ft inside and 14 ft outside shoulder**
- **Maintain 26 ft vertical clearance over Halls Bottom Road and Sinking Creek**
- **Minimal approach roadway work to tie in new bridges**

# GEOTECHNICAL CONDITIONS



**Existing abutments supported by steel H-piles bearing on rock**  
**Existing piers supported by spread footings bearing on rock**

**Subsurface investigation complete – GDR included in RFQ Information Package**

## ENVIRONMENTAL

**NEPA Complete – PCE included in RFQ information Package**

**Threatened or Endangered Species –**

- **Aquatic Species – no known concerns**
- **Indiana Bat and Gray Bat – potential habitat, screening required during final design**

**Cultural Resources –                      None**

## Major Scope of Work Items

- **Design & Construction Services**
- **Survey**
- **Environmental**
- **Geotechnical**
- **Hydraulics**
- **Transportation Management Plan**
- **Utility Relocations, Adjustments and Coordination**
- **Public Relations**
- **Quality Assurance and Quality Control**
- **Overall Project Management**



## RFQ Summary

- **VDOT POC**

Suril Shah

Alternate Project Delivery Office

1401 East Broad Street

Richmond, Virginia 23219

Phone: (804) 225-3799

Fax: (804) 786-7221

E-mail: [Suril.Shah@vdot.virginia.gov](mailto:Suril.Shah@vdot.virginia.gov)

- **Two-Phase Low Bid Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$13,000,000**

## Anticipated Schedule (Section 2.5)

- **RFQ Questions to VDOT** **10/15/2015**
- **VDOT Response to Questions** **10/23/2015**
- **SOQ Submission Date** **11/09/2015**
- **Notification of Shortlist** **12/14/2015**
- **Anticipated RFP Release Date** **12/21/2015**
- **Anticipated Award Date** **04/20/2016**
- **Final Completion** **09/04/2018**

## RFQ Information Package (Section 2.8)

- RFQ Conceptual Plans
- **As Built Plans for the Existing Structures**
- PM 100 Scoping Document
- Programmatic Categorical Exclusion
- Geotechnical Data Report
- Existing Survey
- Willingness to Post Approval

# FORM C-78 (ATTACHMENT 2.10)

Form C-78-RFQ

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

RFQ NO. C00106665DBS2  
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 and Addendums**  
<http://www.virginiadot.org/business/request-for-qualifications.asp>
- **If VDOT issues an addendum, a revised C-78 form will be included with the 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 2% DBE participation goal
  
- **Offeror's Team Structure** **(Section 3.3)**
  - ✓ Key Personnel
    - Design Build Project Manager
    - Quality Assurance Manager
    - Design Manager
    - Construction Manager
  - ✓ Organizational Chart and Narrative
  - ✓ Clear separation between QA and QC staff

# 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)**

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)**
  - ✓ Identify 3 Critical Project Risks
    - 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 May 2014  
(On VDOT'S DB Website)**

[http://www.virginiadot.org/business/resources/DB\\_Evaluation\\_Guidelines\\_5-27-2014.pdf](http://www.virginiadot.org/business/resources/DB_Evaluation_Guidelines_5-27-2014.pdf)

## Submittal Requirements (Section 5)

- **Deadline for submitting a Statement of Qualifications is November 9, 2015 at 4:00PM**
- **1 original paper version with original signatures**
- **1 CD-ROM with entire SOQ**
- **7 abbreviated paper copies**
- **Statements of Qualifications shall be:**
  - ✓ **Securely bound**
  - ✓ **No more than 15 pages**
  - ✓ **Typed on one-side only**
  - ✓ **Separated by numbered tabs**
  - ✓ **Original shall include all required documentation**
  - ✓ **Written in Times New Roman with a 12 point font**
  - ✓ **Prepared on 8.5" x 11" white paper**

## RFQ Questions (Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.
- Deadline for submittal is **October 15, 2015**
- Responses will be posted by **October 23, 2015**

## Conflict of Interest (Section 11.2)

- **The following firms have been determined to have a conflict of interest:**
  - **McDonough Bolyard Peck (MBP)**
- **Each Offeror shall identify potential conflicts of interest.**
  - **See Alternate Project Delivery Office Memorandum IIM-APD-2 dated December 27, 2012**  
<http://www.virginiadot.org/business/resources/LocDes/IIM-APD-2.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.**



**Questions ?**