



**I-95 Safety Improvements at Route 3  
UPC 107715  
Request for Proposal Overview  
Pre-Proposal Conference**

October 3, 2016

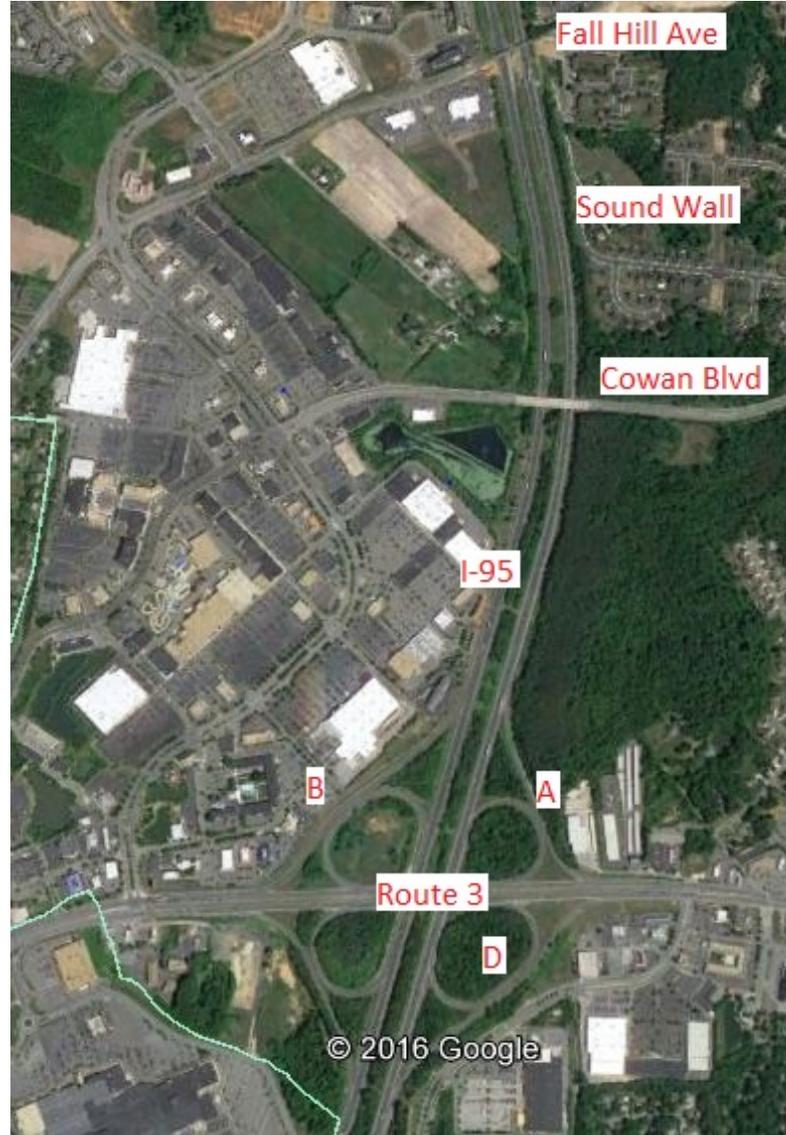
Byrd Holloway, P.E., Fredericksburg District Project Manager  
Stephen Kindy, P.E., APD Division Project Manager

# Pre-Proposal Meeting Agenda

## Project Overview

- **Summary of Technical Requirements (Part 2)**
- **Summary of RFP Parts 1,3 ,4 and 5**
- **Questions / Answers**

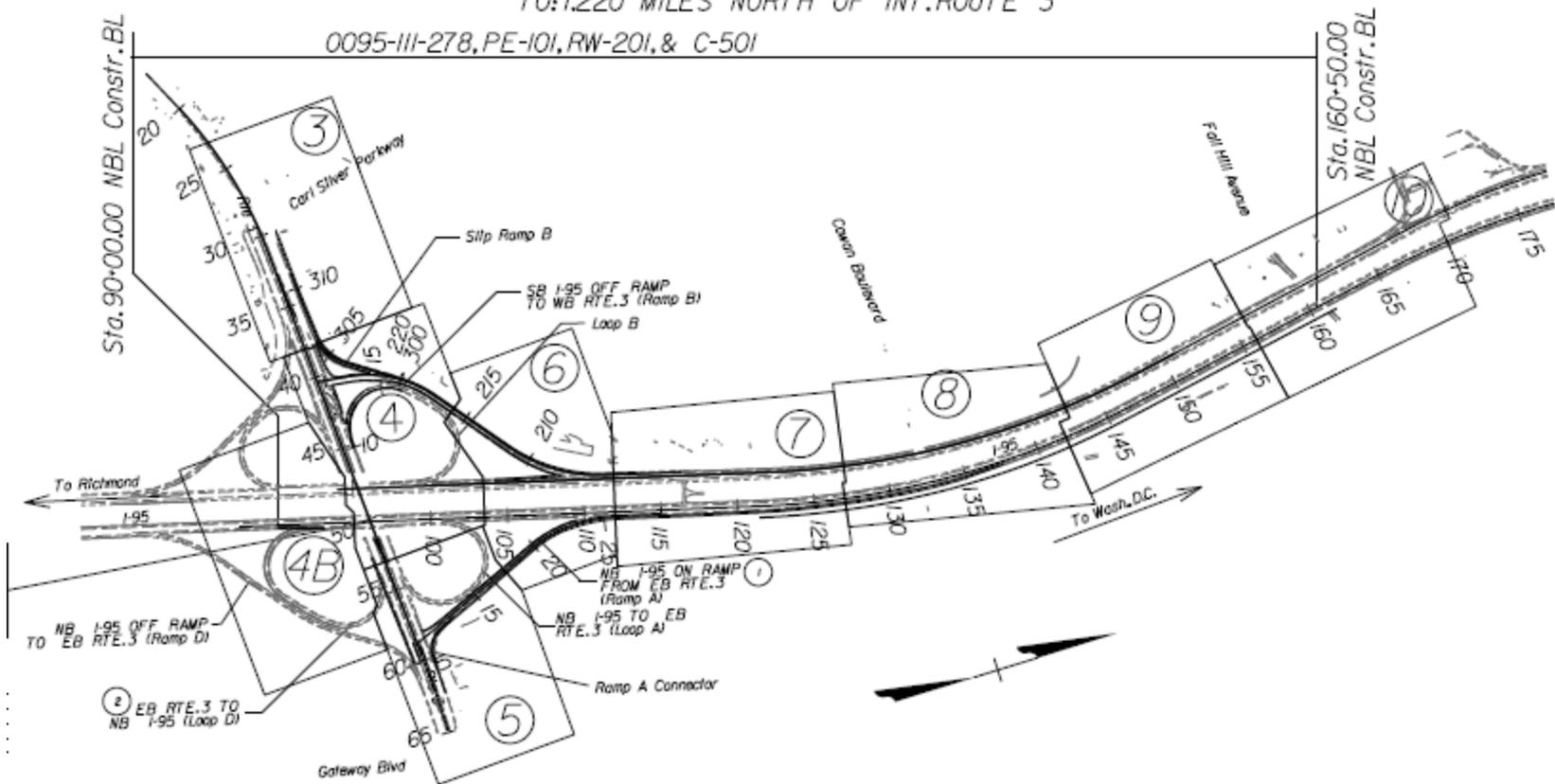
# Project Location



# Introduction & Background

CITY OF FREDERICKSBURG  
 INTERSTATE 95  
 FROM: 0.115 MILES SOUTH OF INT.ROUTE 3  
 TO: 1.220 MILES NORTH OF INT.ROUTE 3

0095-III-278, PE-101, RW-201, & C-501



# Project Goals

- **Improve safety on I-95**
- **Improve safety on Route 3 near Interchange**
- **Minimize impacts to surrounding properties**
- **Install noise barrier as required by Final Noise Study**
- **Improve access to Central Park at Carl D. Silver Parkway**
- **Minimize impacts to traffic during construction**

# Project Description

- **Modification of the southbound I-95 to westbound Route 3 exit ramp to remove westbound Route 3 weave**
- **Replacement of the eastbound Route 3 to northbound I-95 on-ramp to remove NB I-95 weave and EB Route 3 weave.**
- **Installation of CCTV cameras**
- **Installation of two new signals and modification of an existing signal for WB Route 3**
- **Design and construction of a noise barrier**

# WB Route 3 Weave



# EB Route 3 & NB I-95 Weave



## 2.1 Design Waiver

- **VDOT has identified the need for a Design Waiver (DW) for Access Management with respect to the RFP Conceptual Plans**
- **The Access Management Waiver is for the VDOT spacing standards for commercial entrances, intersections, and crossovers; for entrances near interchange ramps**
- **The DW was prepared by VDOT and is included with the RFP Information Package**

## 2.2 Roadway Design

- **The Roadway information and major Design Criteria are summarized in the design Criteria Table (Attachment 2.2)**
- **I-95 is functionally classified as an urban interstate**
  - **Use GS-5 Design Standard**
- **Route 3 is functionally classified as an urban principal arterial (other)**
  - **Use GS-5 Design Standard**
- **Ramps A, B, Loop B, and Slip Ramp B are functionally classified as interchange ramps**
  - **Use GS-R Design Standards**

## 2.2 Roadway Design (Continued)

- **An Interchange Modification Report for the project was approved on July 6, 2016 and is included with the RFP Information Package**
- **A supporting analysis for modifications at the intersection of Route 3 and NB I-95 and the NB I-95 Ramp merge onto the mainlines is included with the RFP Information Package**
- **A supporting analysis for modifications at the WB Route 3 and Carl D. Silver Parkway intersection is included with the RFP Information Package**

## 2.3 Environmental

**2.3.1 Environmental Document** - FHWA has approved the PCE on July 18, 2016.

**2.3.2 Cultural Resources: No Effect**

**2.3.3 Section 4(f) Resources**

- There is no use of 4(f) resources on this project.

**2.3.4 Fish, Plant, and Wildlife Resources Clearance**

- Review Clear 06/10/2016

**2.3.5 Hazardous Materials Summary Report**

- Date Cleared 03/23/2016

## 2.3 Environmental (continued)

### 2.3.6 Noise Analysis

- Preliminary Noise Analysis dated September 2014

### 2.3.7 Air Study

- Final Air Study dated September 2014

### 2.3.8 Wetland and Stream Impacts

- Impacts depicted on RFP Conceptual Plans

## 2.4 Geotechnical

- **Geotechnical Engineering Data Report (GDR) dated September 6, 2016 is included with the RFP Information Package**
- **Minimum Pavement Sections for Proposal Preparation Purposes is included in the RFP Document**

## 2.4 Geotechnical (continued)

- **Design-Builder shall:**
  - **Validate Minimum Pavement Designs**
  - **Design Temporary Pavement**
  - **Perform Design-Level Geotechnical Investigation. AMRL Certification is required for labs performing soil tests**
  - **Photographically document the existing condition of all pavement within and adjacent to the project limits**

## 2.5 Hydraulics

- **Design-Builder shall provide final Drainage Design**
  - **Culverts, entrance pipes, open channels, storm sewers, adequate outfall analysis, etc.**
  - **Erosion & Sediment Control**
  - **Storm Water Management**
  - **VSMP Permit will be required**
- **Project is Grandfathered under Part IIC Technical Criteria for SWM Regulations. Documentation is included with the RFP Information Package**

# Hydraulics (continued)

- **Drainage Inventory**
  - **For Price Proposal, assume all existing pipes to be plugged/abandoned or removed and replaced with new pipes with the exception of those video inspected at Ramps A and B**
  - **Design-Builder may investigate serviceability and functionality by visual/video inspection**
  - **Included in the RFP Information Package is a video of the existing roadway culverts crossing under Ramp A and Ramp B.**
  - **VDOT must approve restoration vs. replacement of damaged pipes**
  - **Backfill all abandoned pipes with flowable fill**

## 2.6 MOT/ Traffic Control

- **Lane and Road Closure Restriction**
  - **Must be in accordance with Allowable Lane Closures tables shown in the RFP document**
  - **Lane Rental charges for failure to remove active work zone elements from traffic lanes and shoulder areas and place end of day signage, if required, shall be assessed as shown in the RFP document**
  - **Detour Plans will be required for any proposed total road closure exceeding 20 minutes, and will be subject to VDOT review and approval as part of the Design-Builder's TMP.**

# MOT/ Traffic Control (continued)

- **Use Virginia State police**
  - **Design-Builder shall be responsible for coordination through VDOT for VSP services during Temporary Traffic operations involving lane closures, and any other operations as covered in Appendix C of the Virginia Work Area Protection Manual**
  - **VDOT shall be responsible for all costs incurred by VSP specific to the project**

## 2.7 Right of Way

- **The Design-Builder shall provide all right of way acquisition services for the project's acquisition of fee right of way and permanent, temporary and utility easements**
- **All right of way acquisition costs shall be paid by VDOT, and shall not be included in the Offeror's Price Proposal**
- **All Parcels are partial takes as shown on the RFP Conceptual Plans**
- **Utility easements have not yet been identified or shown on the RFP Conceptual Plans**

## 2.8 Utilities

- **Design-Builder is responsible for the relocation of all utilities required for construction of the project**
- **No additional time or money will be granted for delays due to utility relocation conflicts**
- **Known existing Utilities Owners:**
  - **Dominion Power**
  - **Comcast**
  - **City of Fredericksburg**
  - **Columbia Gas**
  - **Verizon South**
  - **Summit IG**

## 2.9 Signals

- **Design-Builder is responsible for preparation of Final Signal Plans for the project to be reviewed and approved by VDOT**
  - **Ramp A (I-95 northbound on-Ramp) – New Signal**
  - **Ramp B (I-95 southbound off-Ramp) – New Signal**
  - **Carl D. Silver Parkway – Modify Existing Signal**

## 2.10 Signs

- **The Design-Builder shall be responsible for modifications to existing signs and sign structures, and furnishing and installing all required new temporary and permanent signs and structures**
  - **The overhead signs, as shown in the RFP Conceptual Plans, represent the minimum overhead signing requirements for the project**
  - **Sign structure inspection reports are included as part of the RFP Information Package**

## VDOT Point of Contact

**Stephen D. Kindy, P.E.**

**Alternative Project Delivery Division  
Virginia Department of Transportation  
1401 East Broad Street  
Richmond, Virginia 23219**

**Phone: (804) 786-6016**

**Fax: (804) 786-7221**

**E-mail: [stephen.kindy@vdot.virginia.gov](mailto:stephen.kindy@vdot.virginia.gov)**

# Contract Documents

The Contract is made up of five parts:

- Part 1 – Instructions for Offerors
- Part 2 – Technical Requirements
  - RFP Information Package
- Part 3 – Lump Sum Agreement
  - Exhibit 1 to Part 3
- Part 4 – General Terms & Conditions
- Part 5 – Division I Amendments

Note:

Parts 3, 4 and 5 Template Documents, revised July 2013

- Not provided on CD with RFP Information Package
- Download at [www.viriniadot.org/business/design-build.asp](http://www.viriniadot.org/business/design-build.asp)

## Updates to Project Documents

Since this project is Single Phase, please monitor the APD Division RFP webpage for any addendums or additional information:

<http://www.virginiadot.org/business/request-for-proposals.asp>

# Part 1 – Instructions to Offerors

## Introduction

(Section 1.0)

- Project Priorities –
  - Cost - Best price for scope of work identified in RFP
- Estimated Contract Value - \$15,800,000

## Procurement Overview

(Section 1.1)

- Single-Phase Low-Bid
- Responsive Offeror with the lowest Proposal Price within VDOT's budget will be awarded the contract
- Offeror must meet minimal qualifications

# Procurement Schedule & Project Milestones (Part 1, Section 2.4)

Pre-proposal Meeting	10/03/16
<b>RFP Questions Due to VDOT</b>	<b>10/18/16</b>
VDOT Response to Questions	11/01/16
<b>LOS/Price Proposal Due Date</b>	<b>11/15/16</b>
Open LOS/Price Proposals	11/17/16
<b>Notice of Intent to Award</b>	<b>12/01/16</b>
CTB Approval/ Notice to Award	01/18/17
Contract Execution	02/15/17
<b>Notice to Proceed</b>	<b>02/21/17</b>
<b>Final Completion</b>	<b>12/14/18</b>

# Contents of Proposals (Part 1, Section 4.0)

- Letter of Submittal (Section 4.1)
- Attachments to the Letter of Submittal (Section 4.2)
- Price Proposal (Section 4.3)
- Post Notice of Intent to Award Submittals (Section 4.4)

## Letter of Submittal (Part 1, Section 4.1)

- **C-78-RFP -Acknowledgment of RFP**
- **Declare the Offerors intent to enter into a contract with VDOT and that the offer will remain in effect for 120 days**
- **Identify the Point of Contact for the Offeror**
- **Identify the Principal Officer for the Offeror**
- **Identify the Lead Contractor and Lead Designer**
- **Commit to achieving a 14% DBE Goal**
- **Provide Final Completion date**

# Attachments to the Letter of Submittal (Part 1, Section 4.2)

- **Affiliated and Subsidiary Companies**
- **Debarment Forms**
- **VDOT Prequalification Certificate**
- **Letter of Surety**
- **SCC and DPOR Registration Information for Businesses**
- **Work History Forms for Lead Contractor and Lead Designer**

# Attachments to the Letter of Submittal (Part 1, Section 4.2)

- **Conceptual Roadway Plans**
  - Lane widths
  - Shoulder widths
  - Areas of pavement demolition
  - Areas of obscuring roadway
  - Median widths
  - Minimum pavement sections
  - Cross slopes
  - Noise barrier locations

**Offerors Conceptual Plan must meet RFP requirements to be responsive**

# Price Proposal (Part 1, Section 4.3)

- **Proposal Price specified as a Lump Sum Amount**
- **Asphalt and Fuel Adjustments**
- **Proposal Guaranty (Form C-24)**
- **Sworn Statement Forms (C-104 & C-105)**
- **Applicable Design Builder Forms**
  - **Make sure submitted forms are complete and accurate!!**
  - **Providing inaccurate information or incomplete forms may render a Proposal non-responsive.**

# Post Notice of Intent to Award Submittals (Part 1, Section 4.4)

- **Organizational Chart and Narrative**
- **Identify Offerors Key Personnel**
  - Design-Build Project Manager
  - Quality Assurance Manager (PE)
  - Design Manager (PE)
  - Construction Manager (RLD and ESCCC)
- **SCC and DPOR Registration Information for Individuals**
- **Design-Builder Subcontracting Narrative**
- **Proposal Schedule and Narrative**
- **Schedule of Items**
- **Monthly Payment Schedule**
- **Escrow Proposal Documents**

# Parts 3, 4 and 5 – Standard Template Documents and Exhibit 1 to Part 3

- **Liquidated Damages** (Part 3, Article 5.6)
  - Final Completion - \$3,100/day
- **Identify asphalt and fuel adjustments if any**
- **Baseline schedule shall due within 90 days of the Design-Builder's receipt of Notice to Proceed**
- **Scope Validation** (Part 4, Article 2.2)
  - Begins on the Design-Builder's receipt of Notice to Proceed and lasts for 90 days
- **Builder's Risk Insurance** (Part 5, Section 103.06)

# Scope Validation Period (Part 4 Section 2.2)

## Duration

- 90 days after the Design-Builder's receipt of Notice to Proceed as presented in Exhibit 1 to Part 3

## Purpose

- Design-Builder to thoroughly review and compare the Contract Documents and site conditions
- Provide notification to VDOT of any concerns that could impact Price and Time that the Design-Builder could not have reasonably discovered prior to Agreement Date
- VDOT Recognizes some areas may not be accessible within the Scope Validation Period

# Scope Validation Period (cont'd)

## Submission requirements

- **Design-Builder to provide notification to VDOT before end of Period**
- **Within 21 days of notice, Design-Builder to provide:**
  - Assumptions made during proposal preparation that form basis for allegation
  - Explanation of defect, error or inconsistency in the RFP Documents
  - Identify the specific impact on price and time
- **Parties will meet and confer**
- **Article 10 provides relief if parties don't agree**
- **Burden of proof is on the part of the Design-Builder**
- **Key concept: could the scope issue be reasonably identified by the Design-Builder in proposal stage?**
- **Assumption of risk**

# Provisions for “No Excuse” Incentives (Attachment to Part 3, Article 5)

## Early Completion of Entire Project

- A “no excuse” incentive payment of \$315,000 if all the Work for the project is completed and final acceptance is achieved at least 90 days prior to the Final Completion Date
- For every day less than the 90 day period the “no excuse” incentive payment will decrease at a daily rate of \$3,500 up to the Final Completion Date

Questions ?



**I-95 Safety Improvements at Route 3  
UPC 107715  
Utility Coordination Meeting**

October 3, 2016

Byrd Holloway, P.E., Fredericksburg District Project Manager  
Stephen Kindy, P.E., APD Division Project Manager  
Rick Miller, Regional Utility Manager ~ Design/Build & Special Projects

# Utilities

- **Design-Builder responsible for relocation of all utilities required for construction of project**
- **No additional time or money will be granted for delays due to utility relocation conflicts**
- **Known existing Utilities Owners:**
  - Dominion Power
  - Comcast
  - City of Fredericksburg
  - Columbia Gas
  - Verizon South
  - Summit IG
  - PEG Bandwith
  - Cox Communications

# VDOT Utility Contact

**Rick Miller**

**Regional Utility Manager ~ Design/Build & Special Projects**

**VDOT ~ Northeast Region (NoVa, Fredericksburg, Culpeper)**

**4975 Alliance Drive ~ Fairfax, Va. 22030**

**Office: (703) 259-2343 ~ Cell: (804) 840-9547**

**Email: [ricka.miller@vdot.virginia.gov](mailto:ricka.miller@vdot.virginia.gov)**

## Known Utilities – Contact Information

- **Dominion Power**
  - Mr. Greg Sye (703) 201-5626
- **City of Fredericksburg**
  - Mr. Dave King (540) 372-1023
- **Comcast**
  - Mr. John Filmeck (540) 553-1415
- **Columbia Gas**
  - Mr. David Godoy (540) 368-3218
- **Verizon South**
  - Mr. William “Bill” Lacey (703) 369-9571
- **Summit IG**
  - Mr. Steve Ragland (804) 317-4483
- **PEG Bandwidth**
  - Mr. Michael Llamas (443) 827-1786
- **Cox Communications**
  - Mr. James Cummings (571) 237-8596