

PROJECT INFORMATION MEETING

NORTHBOUND RAPPAHANNOCK RIVER CROSSING

UPC 105510 (0095-111-270)

CITY OF FREDERICKSBURG,
SPOTSYLVANIA AND STAFFORD COUNTIES, VIRGINIA

Bill Arel, P.E. – Project Manager

Suril Shah, P.E., DBIA – APD Project Manager - POC

May 20, 2019

Agenda

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

I-95 Northbound Rappahannock River Crossing - Overview

- Separates existing lanes from local lanes on I-95 northbound
- Provides 3 through traffic lanes on I-95 northbound
- New lanes start just before Route 3 interchange in Spotsylvania and continue north to Centreport Parkway
- New bridge to be built over the Rappahannock River to carry through lanes in the median



I-95 Northbound Rappahannock River Crossing

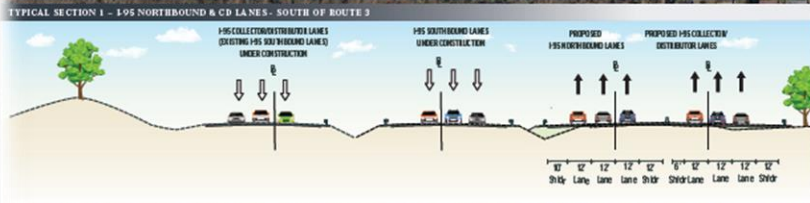


CITIZEN INFORMATION MEETING, JANUARY 2019

PROJECT LIMIT OVERVIEW (1 OF 6)

I-95 Rappahannock River Crossing Northbound Project

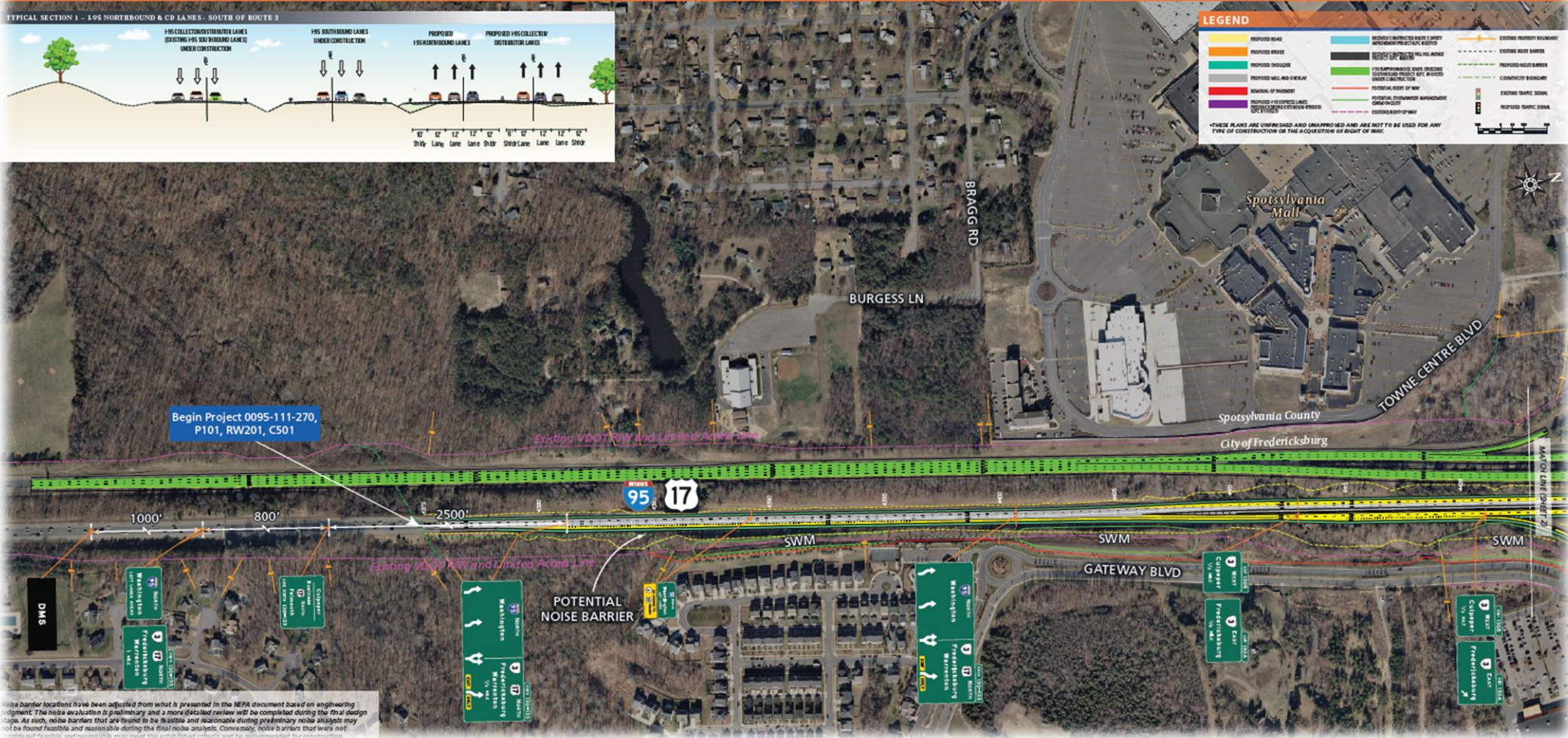
UPC #105510



LEGEND

PROPOSED ROAD	EXISTING CONTRACTOR BUILT 20' SPACED IMPROVED ELECTRICAL RIGHTS	EXISTING PROPERTY BOUNDARY
PROPOSED BRIDGE	EXISTING 12' SIDEWALK	EXISTING HOUSING BARRIERS
PROPOSED SHOULDER	EXISTING 12' SIDEWALK	PROPOSED HOUSING BARRIERS
PROPOSED MILL AND OVERLAY	I-95 RAPPAHANNOCK RIVER CROSSING UNDER CONSTRUCTION	COUNTY BOUNDARY
REMOVAL OF PAVEMENT	POTENTIAL ROAD OF WAY	EXISTING TRAFFIC SIGNAL
PROPOSED PROTECTIVE LANES (EXISTING THROUGH LANES)	POTENTIAL DISTURBANCE MANAGEMENT CANAL DITCH	PROPOSED TRAFFIC SIGNAL
	EXISTING ROAD OF WAY	

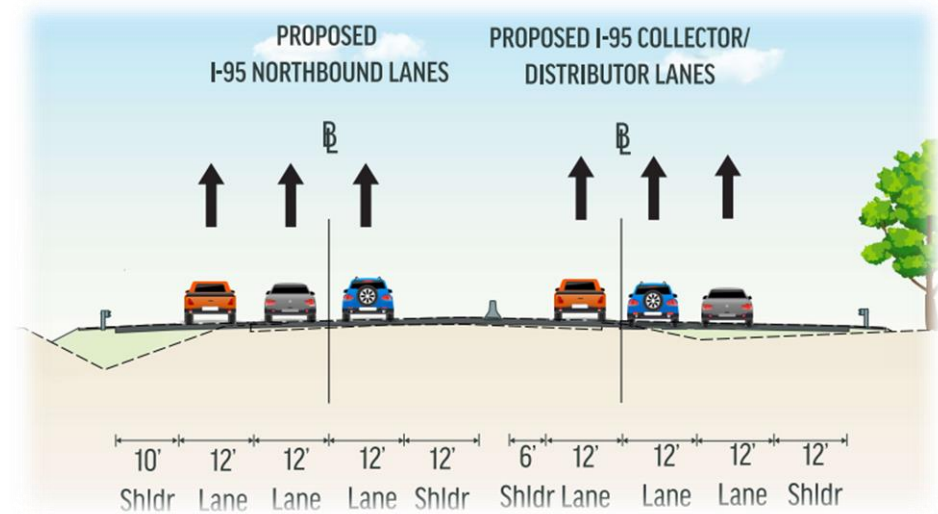
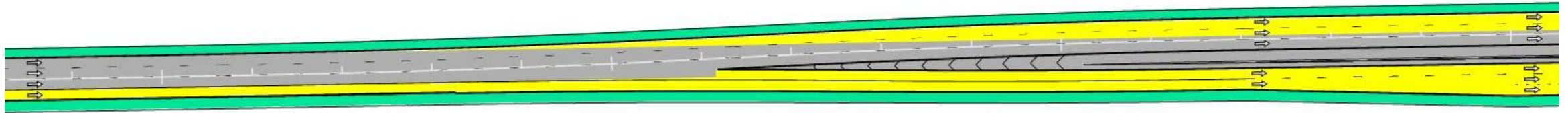
THESE PLANS ARE UNDESIGNED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.



Noise barrier locations have been adjusted from what is presented in the NEPA document based on engineering judgment. The noise evaluation is preliminary and a more detailed review will be completed during the final design stage. As such, noise barriers that are found to be feasible and reasonable during preliminary noise analysis may not be found feasible and reasonable during the final noise analysis. Conversely, noise barriers that were not identified as feasible and reasonable may be found feasible and reasonable during the final noise analysis.



I-95 Northbound Rappahannock River Crossing



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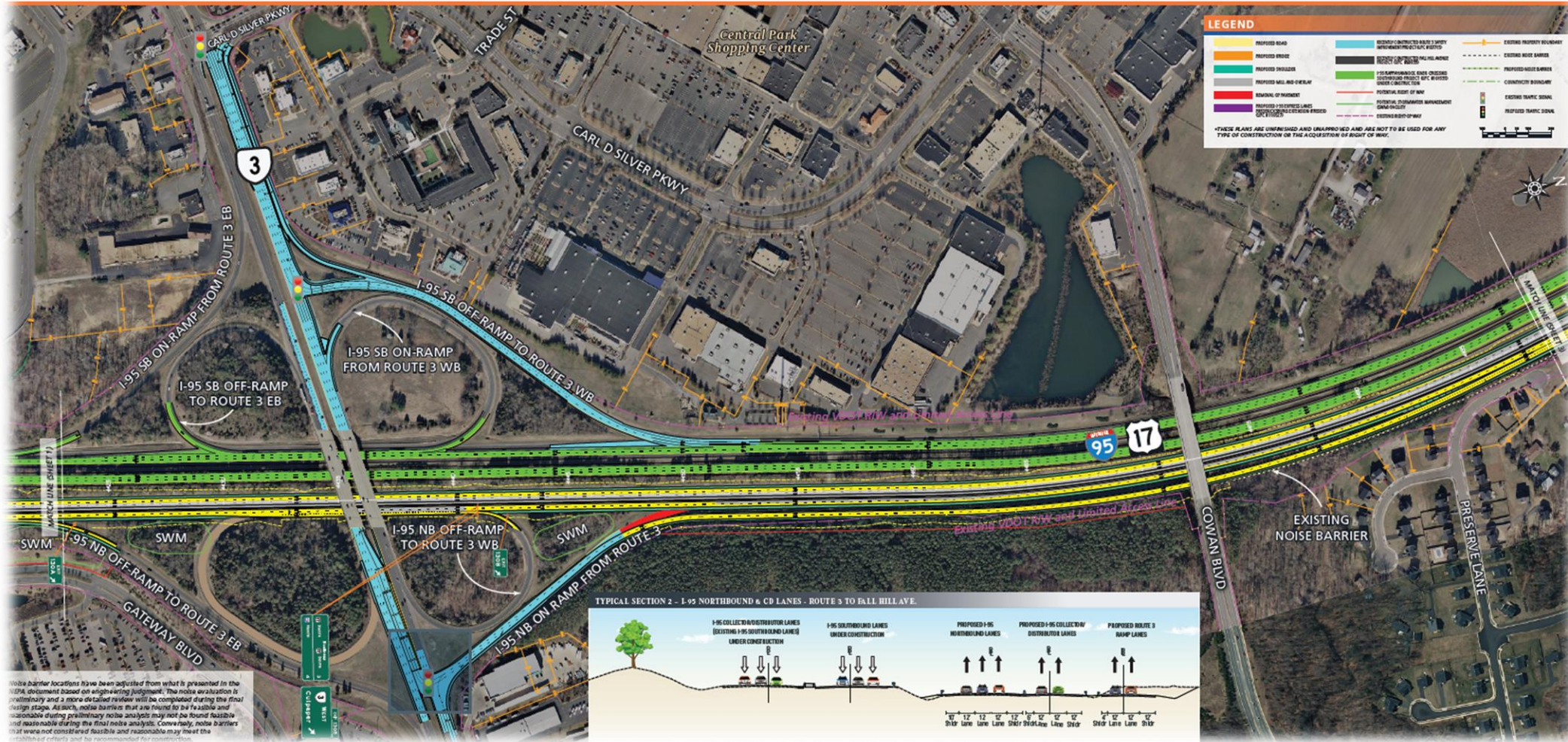


CITIZEN INFORMATION MEETING, JANUARY 2019

PROJECT LIMIT OVERVIEW (2 OF 6)

I-95 Rappahannock River Crossing Northbound Project

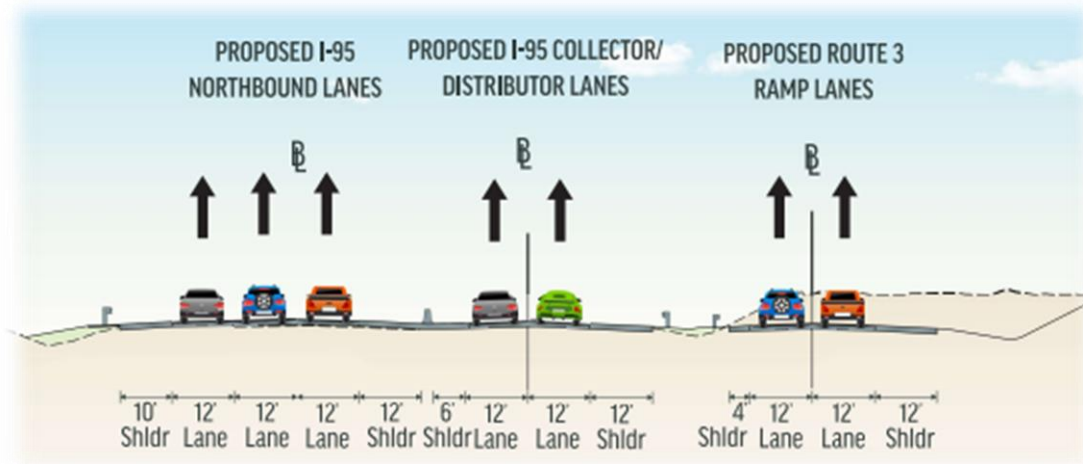
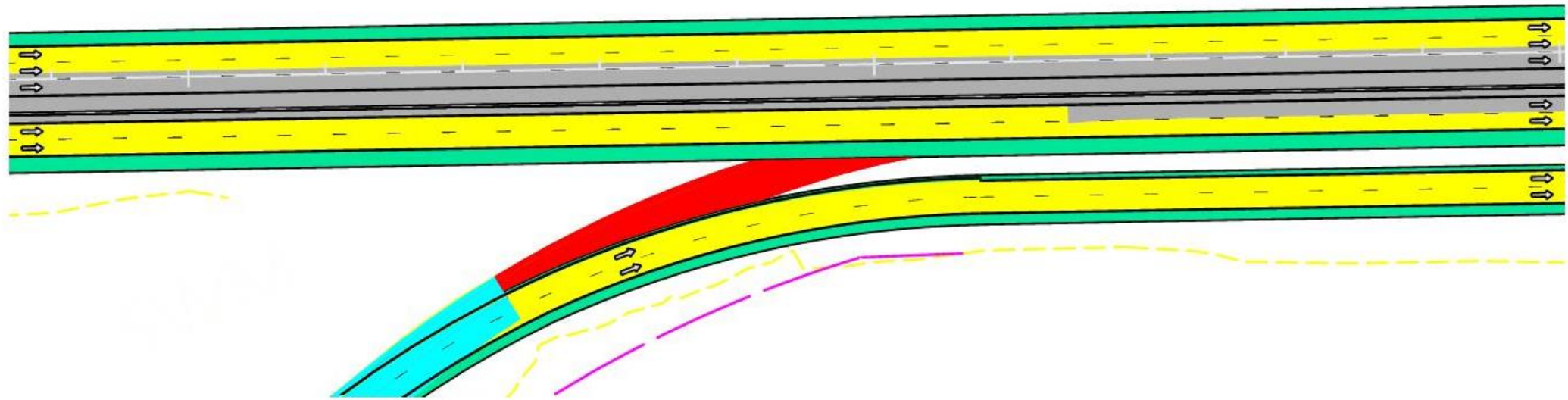
UPC #105510



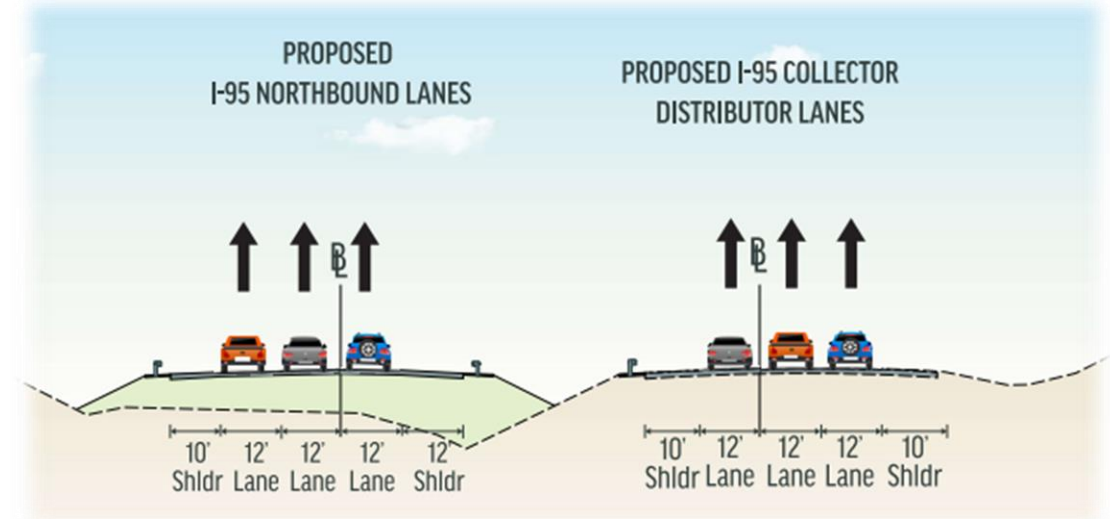
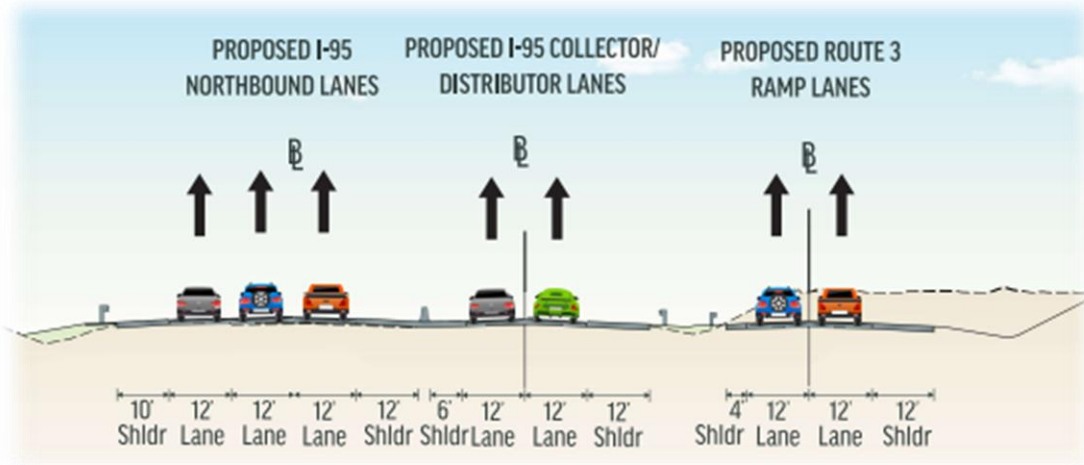
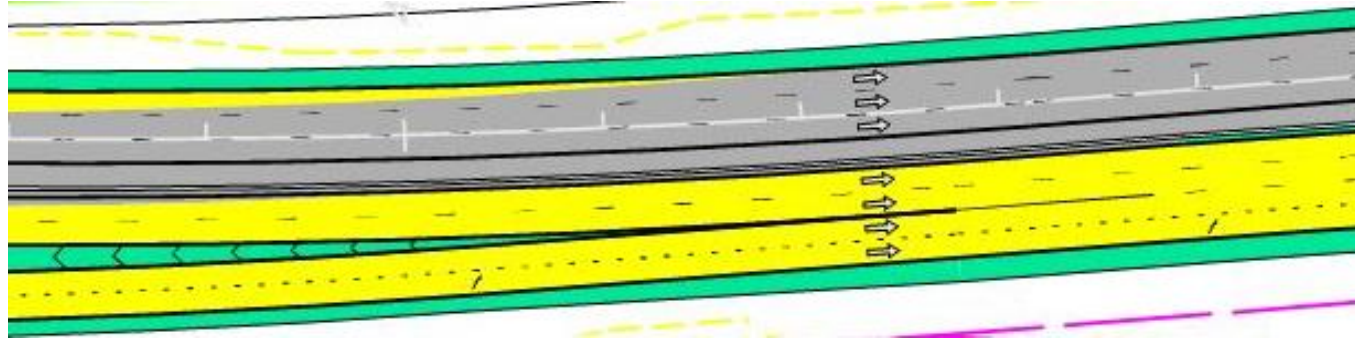
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I-95 Northbound Rappahannock River Crossing



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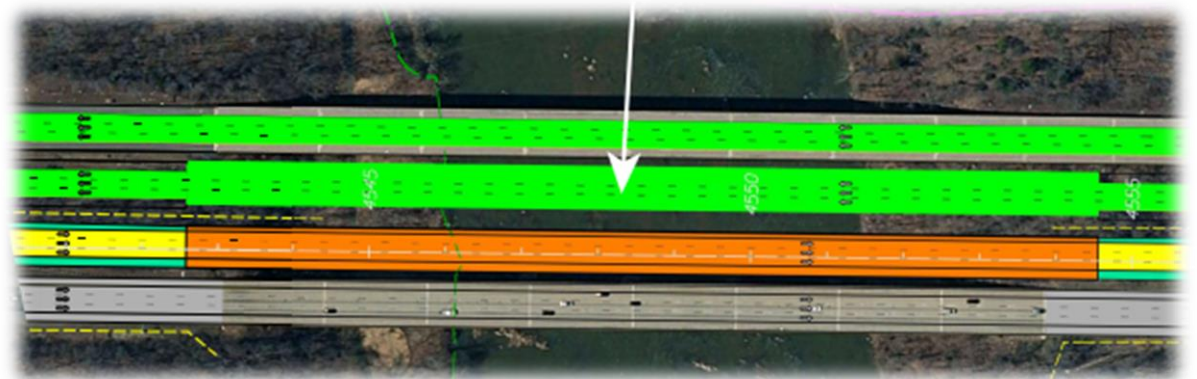
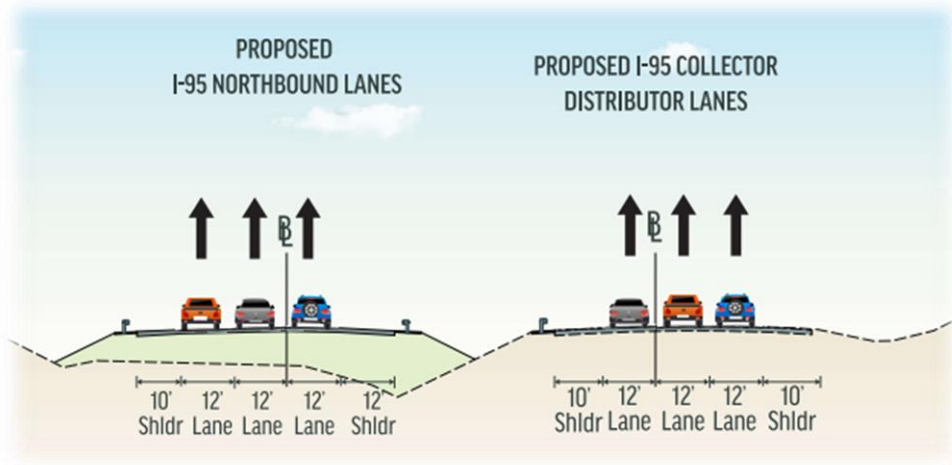
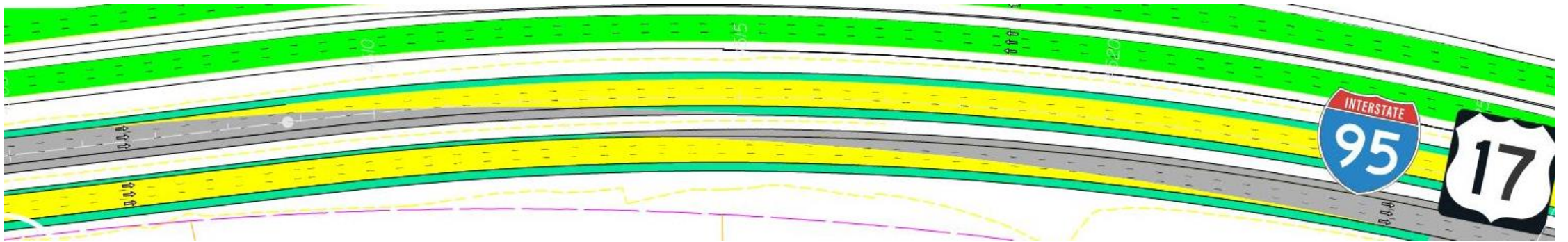
PROJECT LIMIT OVERVIEW (3 OF 6)

I-95 Rappahannock River Crossing Northbound Project

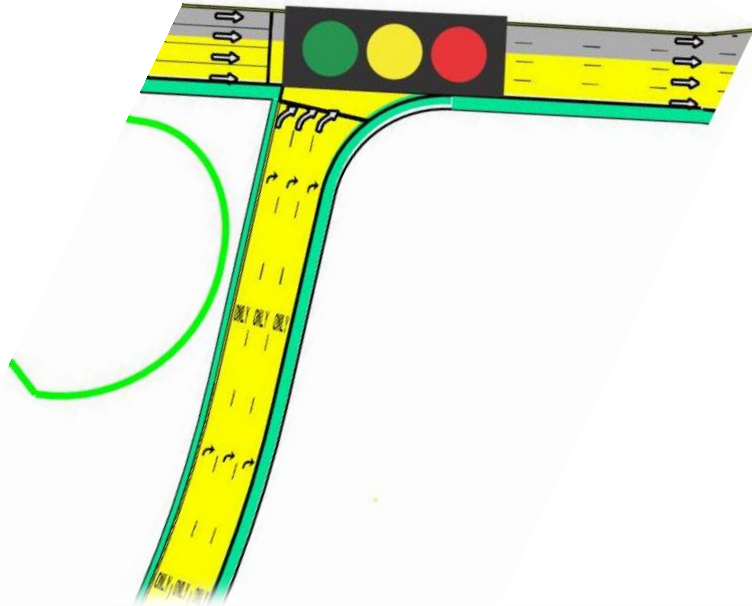
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I-95 Northbound Rappahannock River Crossing



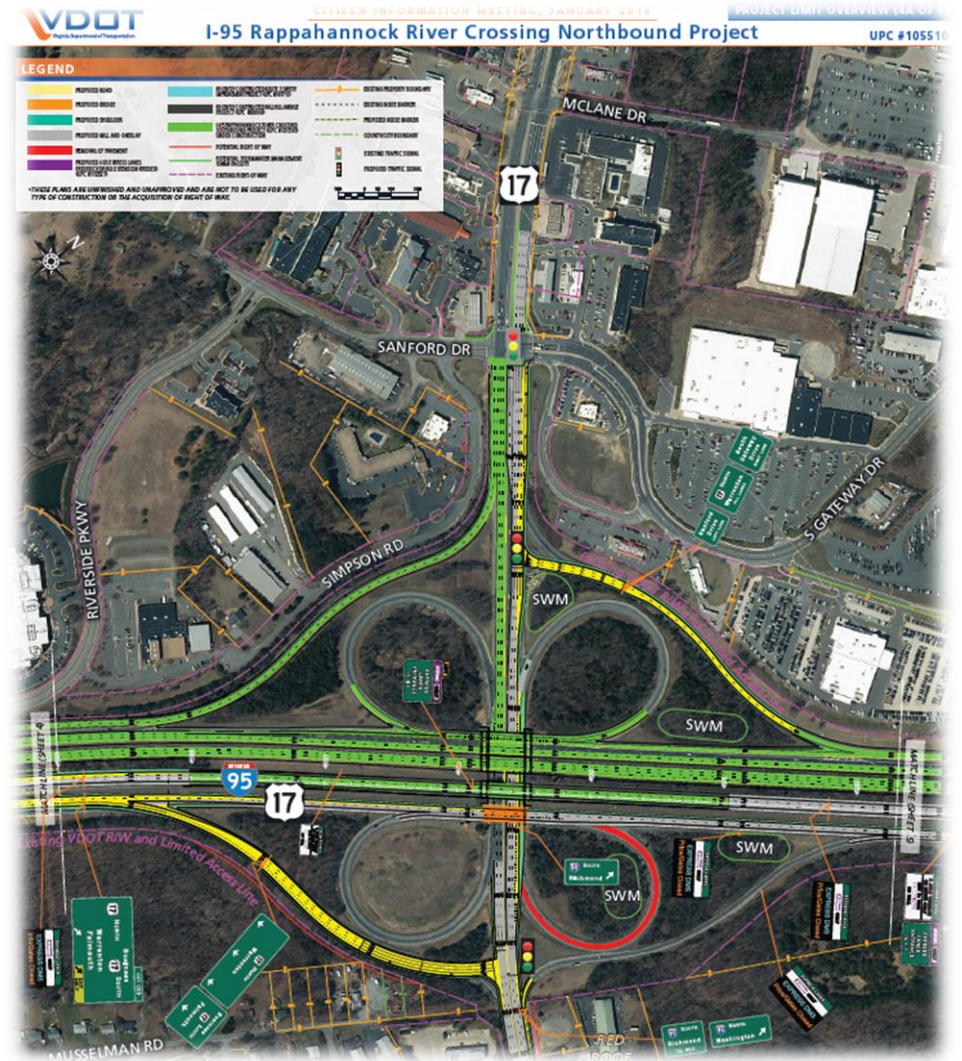
I-95 Northbound Rappahannock River Crossing



Sanford Drive
LEFT LANE

17 NORTH
Warrenton
ALL LANES

South
Gateway
Drive
RIGHT LANE



I-95 Northbound Rappahannock River Crossing

Route 17 Interchange – Potential bid option

- Potential Bid Option for Route 17 Interchange
- Free flow from NB I-95 to Route 17 NB
- Removes NE loop ramp
- Impacts properties in SE quadrant
- Designed to handle projected 2042 traffic



I-95 Northbound Rappahannock River Crossing

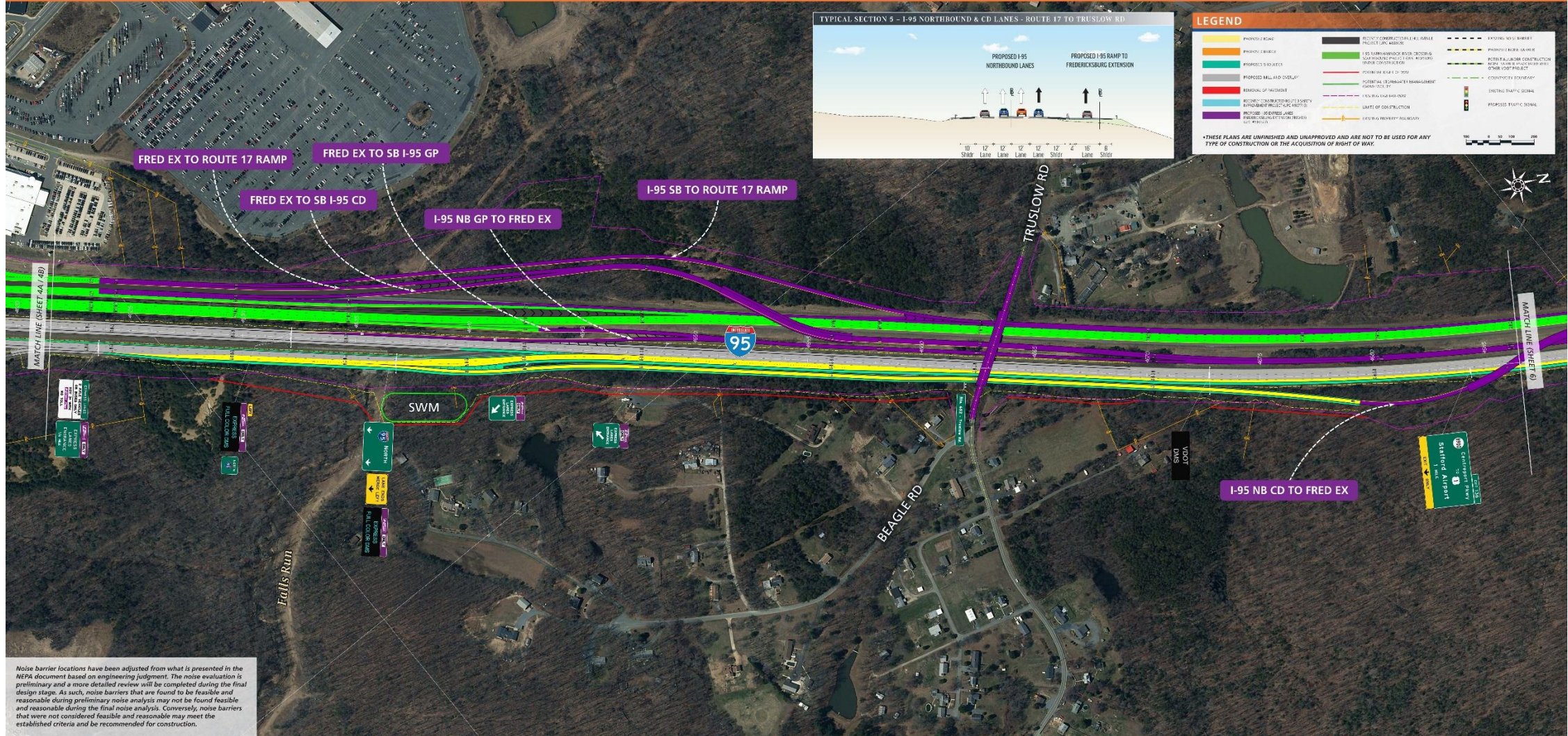


CITIZEN INFORMATION MEETING, JANUARY 2019

PROJECT LIMIT OVERVIEW (5 OF 6)

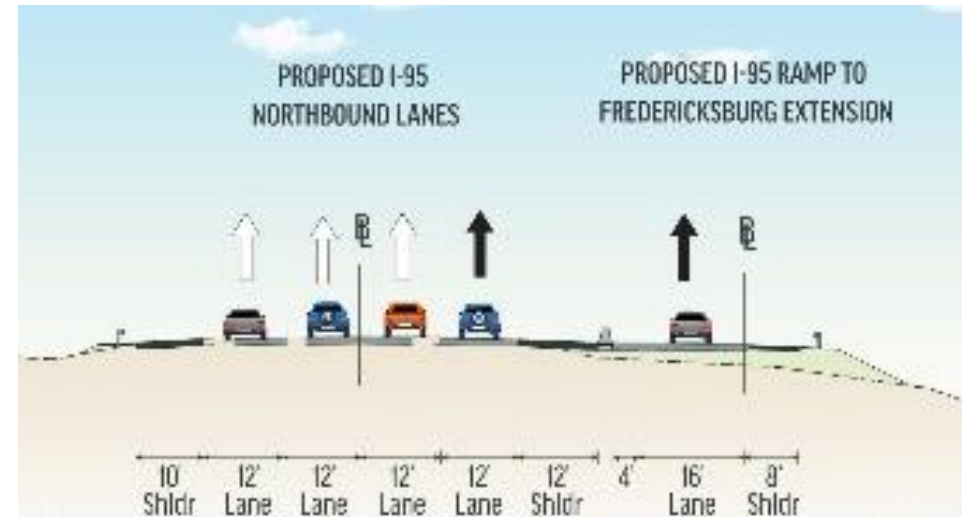
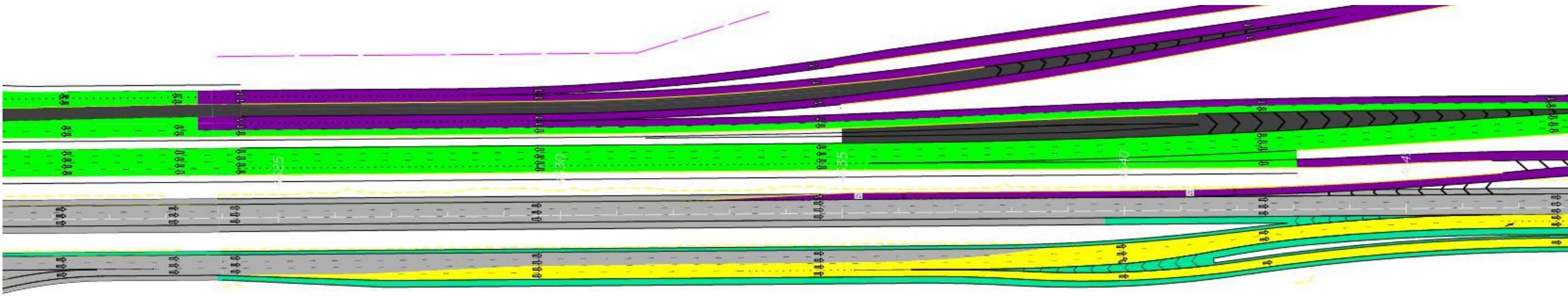
I-95 Rappahannock River Crossing Northbound Project

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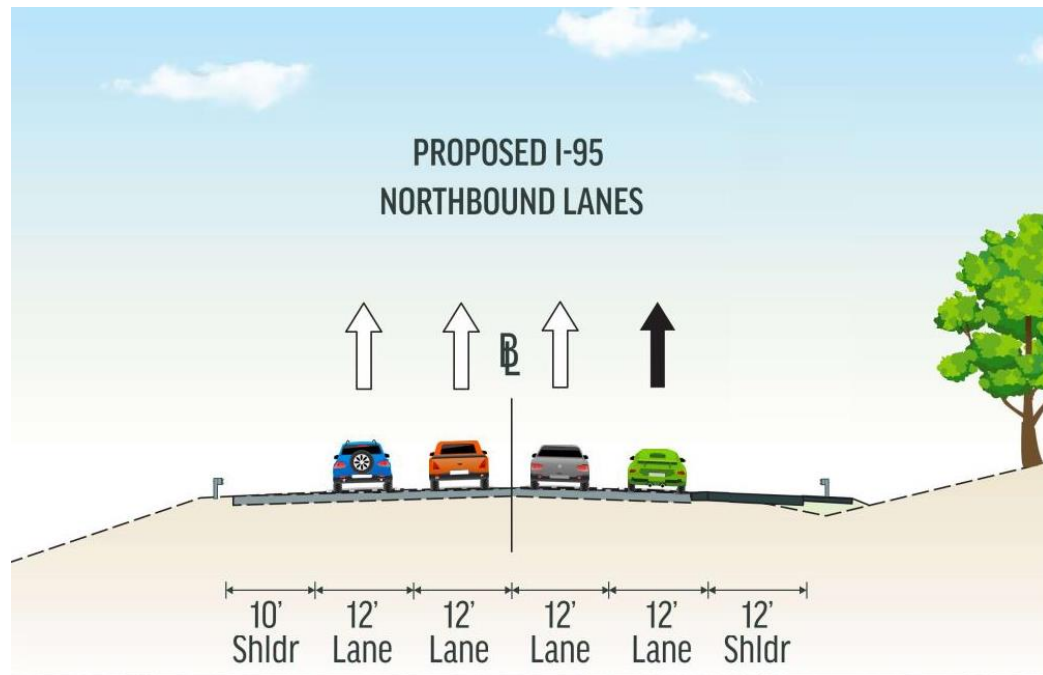


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I-95 Northbound Rappahannock River Crossing



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I-95 Northbound Rappahannock River Crossing

Status of Project:

- NEPA complete
- IMR, Updated Survey and Full GDR underway – anticipated in time for RFP release
- Public Hearing this summer

Project Scope

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

- **Roadway**
- **Survey**
- **Environmental**
- **Geotechnical**
- **Hydraulics**
- **Traffic Control Devices**
- **Transportation Management Plan**
- **Right of Way**
- **Utilities**
- **Public Involvement/ Relations**
- **Quality Assurance and Quality Control**
- **Construction Engineering and Inspection**
- **Overall Project Management**

RFQ SUMMARY

- **VDOT POC**

Suril R. Shah, P.E., DBIA
Alternate Project Delivery Division
1401 East Broad Street
Richmond, Virginia 23219
Phone: (804) 225-3799
E-mail: Suril.Shah@vdot.virginia.gov

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$126,500,000**

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 05/31/2019
- VDOT Response to Questions 06/11/2019
- SOQ Submission Date 07/02/2019 (4:00 PM prevailing local time)
- Notification of Shortlist 08/20/2019
- Anticipated RFP Release Date 08/27/2019
- Technical Proposals Due 02/25/2020 (4:00 PM prevailing local time)
- Price Proposals Due 04/08/2020 (4:00 PM prevailing local time)
- Anticipated Award Date 05/20/2020
- Final Completion 08/28/2024

RFQ Information Package

(Section 2.8)

I-95 NB RRC RFQ Conceptual Plan

I-95 NB RRC DGN files

I-95 NB RRC Display boards

I-95 NB RRC NEPA documentation

RFQ Information Package

(Section 2.8)

A Supplementary Information Package, which is not deemed a component of the RFQ, is also available. This package is solely for the information of the Offeror, which each Offeror may use at their own risk and as they deem appropriate.

- ✓ **I-95 SB RRC Geotechnical Data**
- ✓ **I-95 SB RRC Design-Builder's Schedule**
- ✓ **I-95 SB RRC unapproved plans**
- ✓ **FredEx Schedule (unapproved baseline)**
- ✓ **FredEx plans (RFP plans)**
- ✓ **FredEx Geotechnical Data**
- ✓ **Bridge As-Built Plans**

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 participation goal
- **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.
 - **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)
 - » **NOTE: Current assignments and anticipated duration of each assignment required**

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

- **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

- **Lead Structural Engineer**

- » Shall serve as the lead structural engineer for the Project, responsible for structural design of the bridges and retaining walls.

✓ 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)**

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 30%
 - Experience of Offeror's Team 35%
 - Project 35%
- Total 100%**

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

Submittal Requirements

(Section 5)

- **Deadline for submitting a Statement of Qualifications is July 2 at 4:00PM**
- **1 original paper version with original signatures**
- **1 CD-ROM with entire SOQ**
- **10 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**

RFQ Questions

(Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.
- Deadline for submitting Questions is **May 31, 2019**
- Responses will be posted by **June 11, 2019**

Conflict of Interest

(Section 11.2)

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

- **Whitman Requardt & Associates (WRA)**
- **Reynolds Smith and Hill, Inc. (RS&H)**
- **Kimley Horn and Associates**
- **H&B Surveying**
- **Accumark**
- **McKenzie Snyder**
- **360 Consultants**
- **T3 Design**
- **ATCS**
- **HDR Inc.**
- **Mattern and Craig**
- **Alpha Corporation**
- **Freehead, Inc.**

In addition, the I-95 Express Lanes Concessionaire as well as its affiliates, including without limitation, 95 Express Lanes LLC, Capital Beltway Express LLC, Transurban (USA) Inc. and Transurban (USA) Operations Inc., The Transurban Group, will not be allowed to participate as a Design-Build team member and may not be contacted by any Offeror in connection with the Project.

Conflict of Interest

(Section 11.2)

- **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**
- **Embedded Employees within VDOT may pose a potential Conflict of Interest**

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.

If any member of the Offeror's team has access to geotechnical investigations/information/evaluations or any exploratory borings conducted within the Project limits prior to release of RFQ, they shall disclose such information to VDOT's POC for determination of how this information would affect the opportunity of that entity to participate in the Project procurement.

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.

QUESTIONS ??

