



PROJECT INFORMATION PRESENTATION

BOUNDARY CHANNEL DRIVE AT I-395 INTERCHANGE

ARLINGTON COUNTY, VIRGINIA

UPC 116394

STATE PROJECT NO.: 6587-000-R89, P101, R201, C501

CONTRACT ID: C00116394DB109

Christopher Barksdale, P.E. – Project Manager

Sudha Mudgade, P.E., PMP, DBIA – APD Project Manager - POC

October 21, 2020

Agenda

- **Project Overview**
 - Location Map
 - Description/Purpose, Scope & Status
 - Typical Sections
- **RFQ Summary**
 - VDOT Point of Contact (POC)
 - Procurement Schedule
 - RFQ Information Package Contents
 - Contents of SOQs, Evaluation Criteria & Submittal Requirements
 - Bid Express
 - RFQ Questions
 - Conflicts of Interest

Project Location Map



Project Overview/Project Purpose

Project Overview:

- Reduce Boundary Channel Drive from four to two lanes.
- Convert each ramp terminal along Boundary Channel Drive into a roundabout.
- Add a sidewalk along the eastbound side of Boundary Channel Drive .
- Add a shared-use path along the westbound side, and tie into the Mount Vernon Trail within National Park Service (NPS) property.

Project Purpose:

- Enhance multimodal options and connections for pedestrian and bicyclists.
- Operational and safety improvements along I-395, Boundary Channel Drive, and Long Bridge Drive.

Project Rendering



Project Scope

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

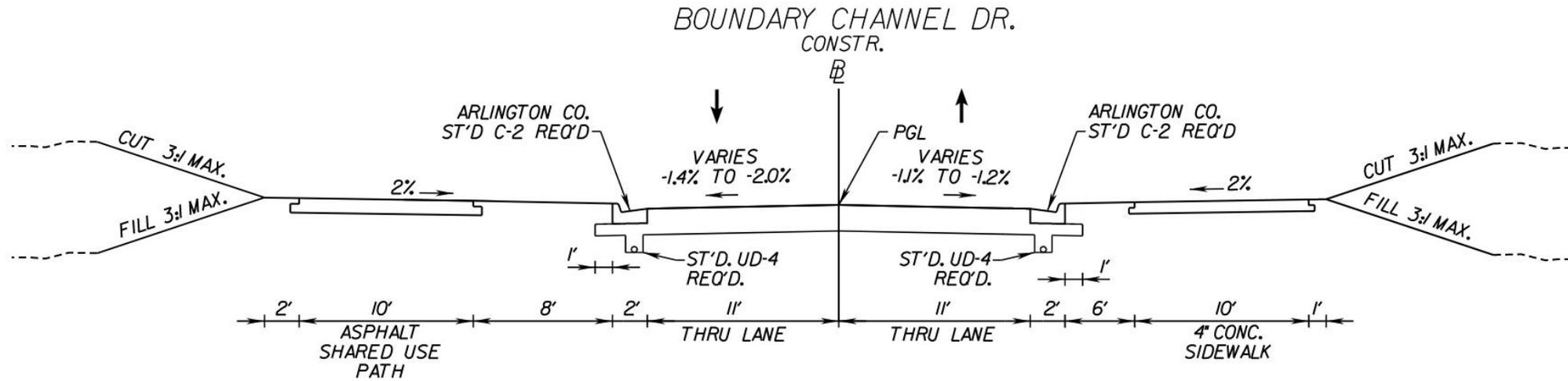
- Roadway
- Survey
- Environmental
- Geotechnical
- Drainage, Erosion & Sediment Control, and Stormwater Management
- Traffic Control Devices, including Overhead Sign Structures
- Transportation Management Plan
- Limited Right-of-Way, including Limited Access Line Changes
- Landscaping
- Utilities
- Permits (access and environmental)
- Public Involvement/Relations and Stakeholder Coordination
- Intelligent Transportation Systems
- Lighting
- Quality Assurance and Quality Control
- Construction Engineering and Inspection
- Overall Project Management

Project Status

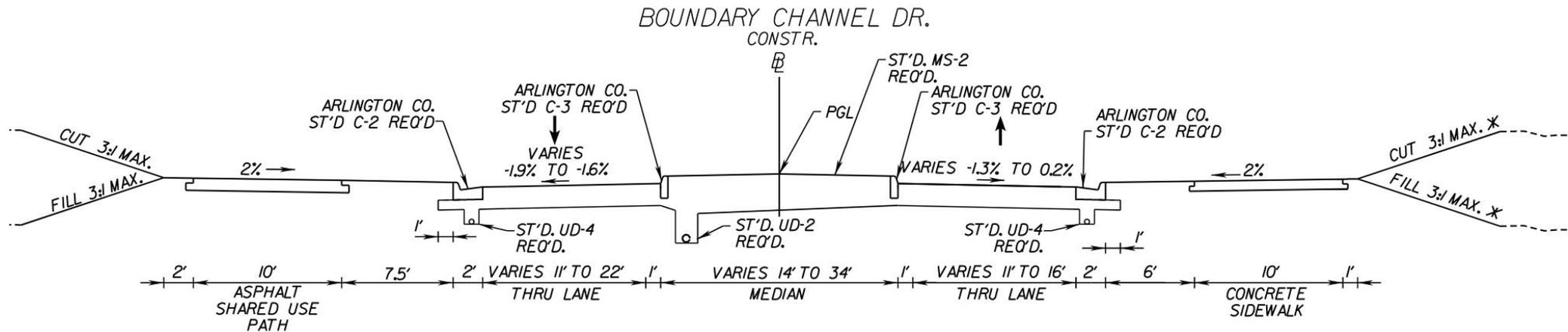
- **NEPA Document:** Categorical Exclusion, approved January 17, 2018
- **Public Involvement:** Design Public Hearing planned November 5, 2020
- **Delivery method:** Design-Build
- **Procurement Type:** Two-Phase, Lowest Price
- **Funding:**
 - Local and State match, NVTA
 - Fully funded PE, RW, and CN Phases
 - Treated as Federally Eligible



Boundary Channel Drive Typical Sections



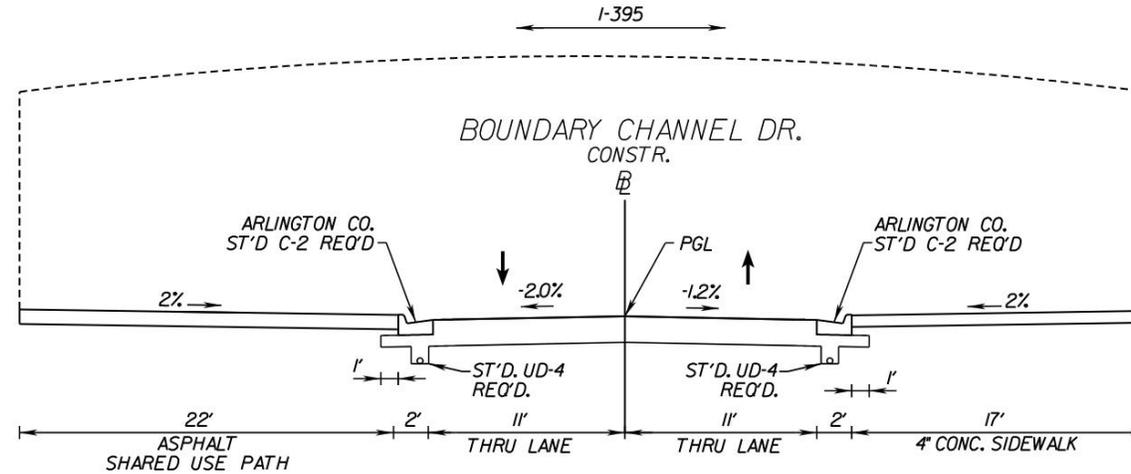
APPROACH TO ROUNDABOUTS



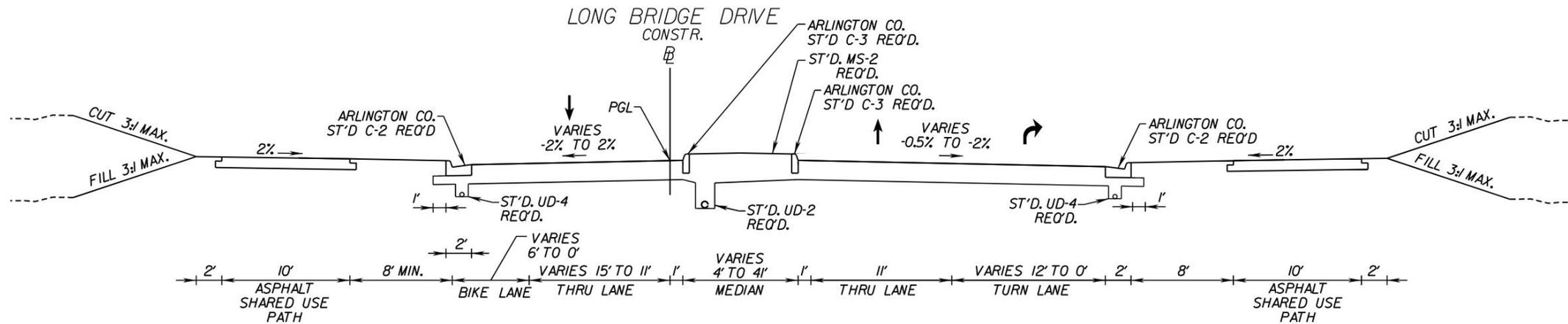
AT ROUNDABOUTS

NOT TO SCALE

Boundary Channel Drive Typical Sections



UNDER I-395 BRIDGE



LONG BRIDGE DRIVE TYPICAL SECTION

NOT TO SCALE

RFQ SUMMARY

- **VDOT Point of Contact (POC)**
 - Sudha Mudgade, P.E., PMP, DBIA
 - Alternative Project Delivery Division
 - 1401 East Broad Street
 - Richmond, Virginia 23219
 - Phone: (804) 786-5087
 - E-mail: Sudha.Mudgade@vdot.virginia.gov
- **Two-Phase, Lowest Price Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$15,000,000**

Anticipated Schedule

(Section 2.5)

- RFQ Questions to VDOT 11/04/2020 (4:00 PM)
- VDOT Response to Questions 11/17/2020
- SOQ Submission Date 12/08/2020 (4:00 PM)
- Anticipated RFP Release Date 02/17/2021
- Letters of Submittal (LOS) Due 05/05/2021
- Price Proposals Due 05/12/2021
- Anticipated Award Date 06/16/2021
- Final Completion 11/21/2023

RFQ Information Package

(Section 2.8)

- RFQ Conceptual Road Plans
- Preliminary Master Survey Files (including Underground Utility Designations)
- Preliminary Traffic Data
- IMR (Interchange Modification Report)
- Preliminary Geotechnical Data Report
- Categorical Exclusion (CE)
- Pipe Inspection Reports
- Approved Design Exception for Existing Bridge Vertical Clearance

Available for download as one (1) zip file on the Design-Build Request for Qualifications (RFQs) webpage:
<http://www.virginia.gov/business/request-for-qualifications.asp>

FORM C-78 (ATTACHMENT 2.10)

Form C-78-RFQ

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFQ NO. C00116394DB109
PROJECT NO.: 6587-000-R89

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 –October 21, 2020
(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>
- 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 12% DBE participation goal
 - ✓ Electronic signatures or scanned signatures are acceptable.

Contents of Statements of Qualifications (SOQ)

- Offeror's Team Structure (Key Personnel) (Section 3.3)
 - Design Build Project Manager
 - » Responsible for overall Project design, construction, quality management, and contract administration.
 - Quality Assurance Manager
 - » Responsible for QA inspection of all work performed & testing of all materials used.
 - » No contractual relationship with QC firm and no involvement in construction operations (to include QC inspection and testing).
 - Design Manager
 - » Responsible for coordinating Project design and overseeing QA/QC program for all design disciplines.
 - Construction Manager
 - » Responsible for managing construction process, to include all Quality Control (QC) activities.
 - » Required to be on the Project site full time for duration of construction operations.
 - » Provide a list of current assignments and anticipated duration of each assignment.

Contents of Statements of Qualifications (SOQ)

- Offeror's Team Structure (Cont.) (Section 3.3)
 - ✓ Organizational Chart and Narrative
 - 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)

- Offeror's proposed team shall remain intact throughout procurement process and, if awarded the contract, the duration of the contract. (Section 11.1)
- Project Risks (Section 3.5)
 - ✓ Offeror 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	35%
• Project Risks	<u>45%</u>
	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

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

Submittal Requirements

(Section 5)

- Deadline for submitting an SOQ is **December 8 at 4:00PM**
- SOQ's will only be accepted electronically through Bid Express (see next slide for details).
- SOQ's shall be submitted as a single .PDF file; no more than 20 megabytes in size.
- The SOQ must be submitted by the Offeror (i.e., not by SubConsultant, SubContractor etc. on the Offeror's team).

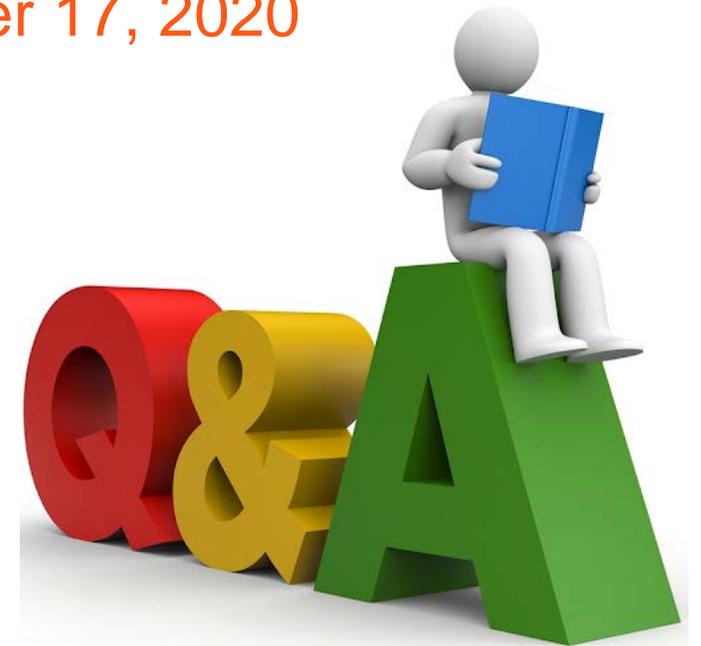
Bid Express

- 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 Question
 - User Guide
 - Vendor Set-up guide
- Bid Express requires a paid registration to submit an SOQ.
- Deadline for submitting an SOQ is December 8 at 4:00 PM. You can submit and/or resubmit up until that time. No submissions allowed after due date and time.
- It is recommended to test the submission process in advance of final submission. VDOT will not have access to an SOQ until after December 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 email.
- Deadline for RFQ Questions submittal is **November 4, 2020 (4:00 PM)**
- Responses will be posted to Bid Express by **November 17, 2020**



Conflict of Interest

(Section 11.2)

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

- Rummel, Klepper & Kahl, LLP (RK&K)
- Alvi Associates, Inc.
- ECS Mid-Atlantic, LLC
- 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
- If a potential conflict of interest or competitive advantage is identified, the Offeror shall submit in writing the pertinent information to VDOT's POC to seek determination
- Embedded Employees within VDOT may pose a potential Conflict of Interest