



PROJECT INFORMATION MEETING

TRANSPORTATION IMPROVEMENTS AT HYDRAULIC ROAD AND US 29 ALBEMARLE COUNTY & CITY OF CHARLOTTESVILLE, VIRGINIA

UPC 118880 (0029-M03-371,C501, P101, R201)

Contract ID: C00118880DB114

Hal Jones, P.E. – Project Manager
Bryan Stevenson, P.E., DBIA – APD Project Manager - POC

April 27, 2022

Agenda

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

Transportation Improvements to Hydraulic Rd. and US-29

Project Location

US-29 and Hydraulic Rd. Area Project



Transportation Improvements to Hydraulic Rd. and US-29



VDOT
Virginia Department of Transportation

Project Title
US 29 & Hydraulic Rd. Improvements

Project Description

- A US 29 & Hydraulic Rd. Int. Improvements (No Left Turns from Hydraulic Rd.)
- B US 29 & Angus Rd. - Continuous Green - T
- C US 29 Bike / Ped Bridge
- D Hydraulic Rd. & Hillsdale Dr. Roundabout
- E Hydraulic Rd. Access Improvements & Road Diet

Project Location

Albemarle County / City of Charlottesville

Scale

Legend

- Proposed Pedestrian Ramp / Sidewalk
- Proposed Concrete Median
- Proposed Grass Median
- Proposed New Pavement
- Proposed New Curb or Curb & Gutter
- Approximate Parcel Limits from GIS
- Proposed Bike / Pedestrian Bridge
- Proposed Bus Shelter
- Proposed Retaining Wall
- Proposed Lane Use

Date
08/13/2020

Michael Baker INTERNATIONAL
3200 Rockbridge St.
Richmond, VA 23230
Phone: (804) 282-1821
MBAKERINTL.COM

Transportation Improvements at Hydraulic Rd. and US-29

Project Purpose & Need

- **Improve safety and mobility at the US 29 and Hydraulic Road intersection and nearby intersections and interchanges**
- **Poor operations and congestion exists in this area, particularly during peak hour conditions**
- **Few places currently exist for pedestrians to safely cross US 29**

Transportation Improvements at Hydraulic Rd. and US-29

Status of Project:

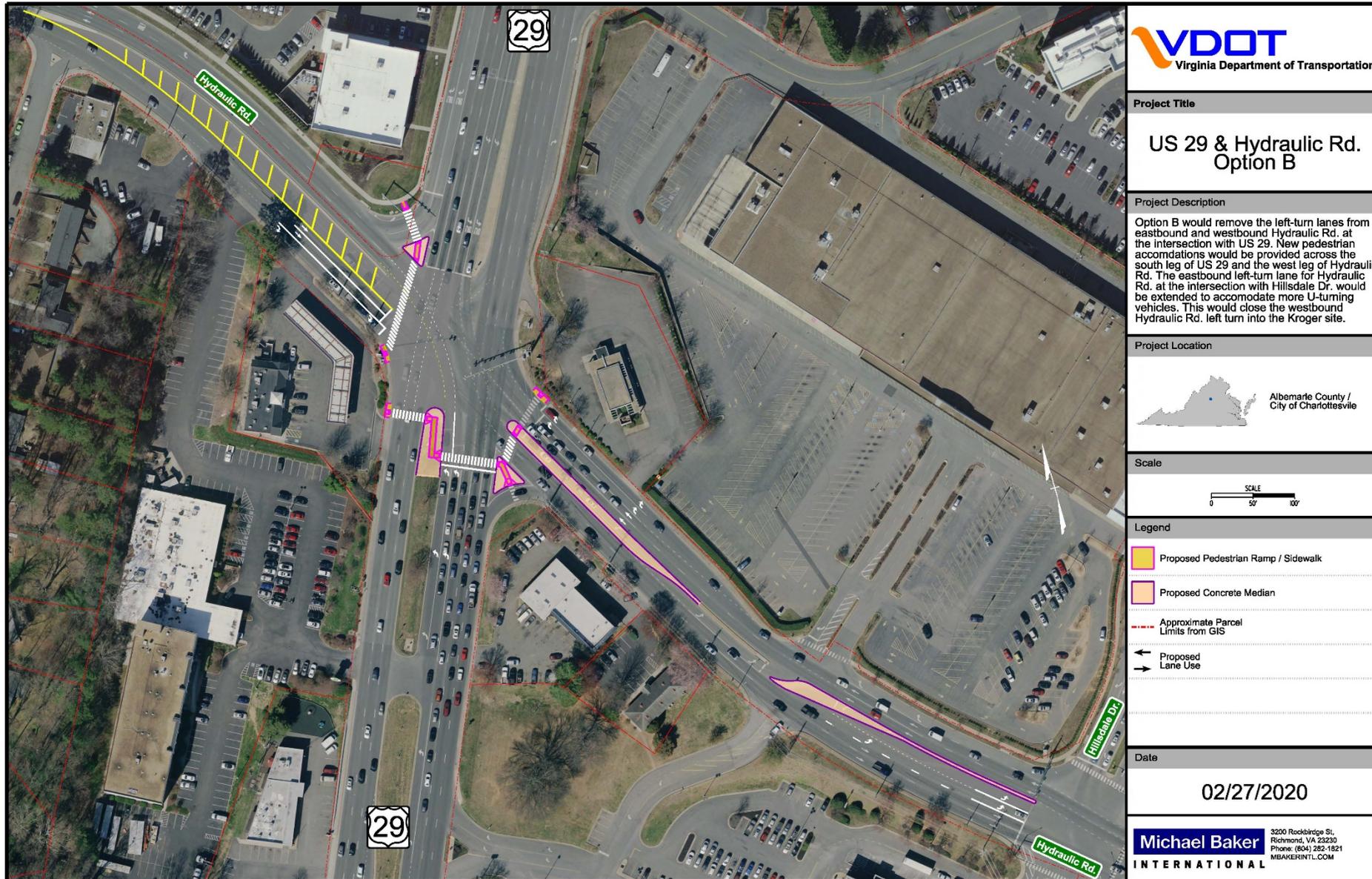
- **Survey is complete**
 - Update is currently underway
- **Environmental work underway**
- **Traffic engineering underway**
- **Geotechnical work underway**

Transportation Improvements at Hydraulic Rd. and US-29

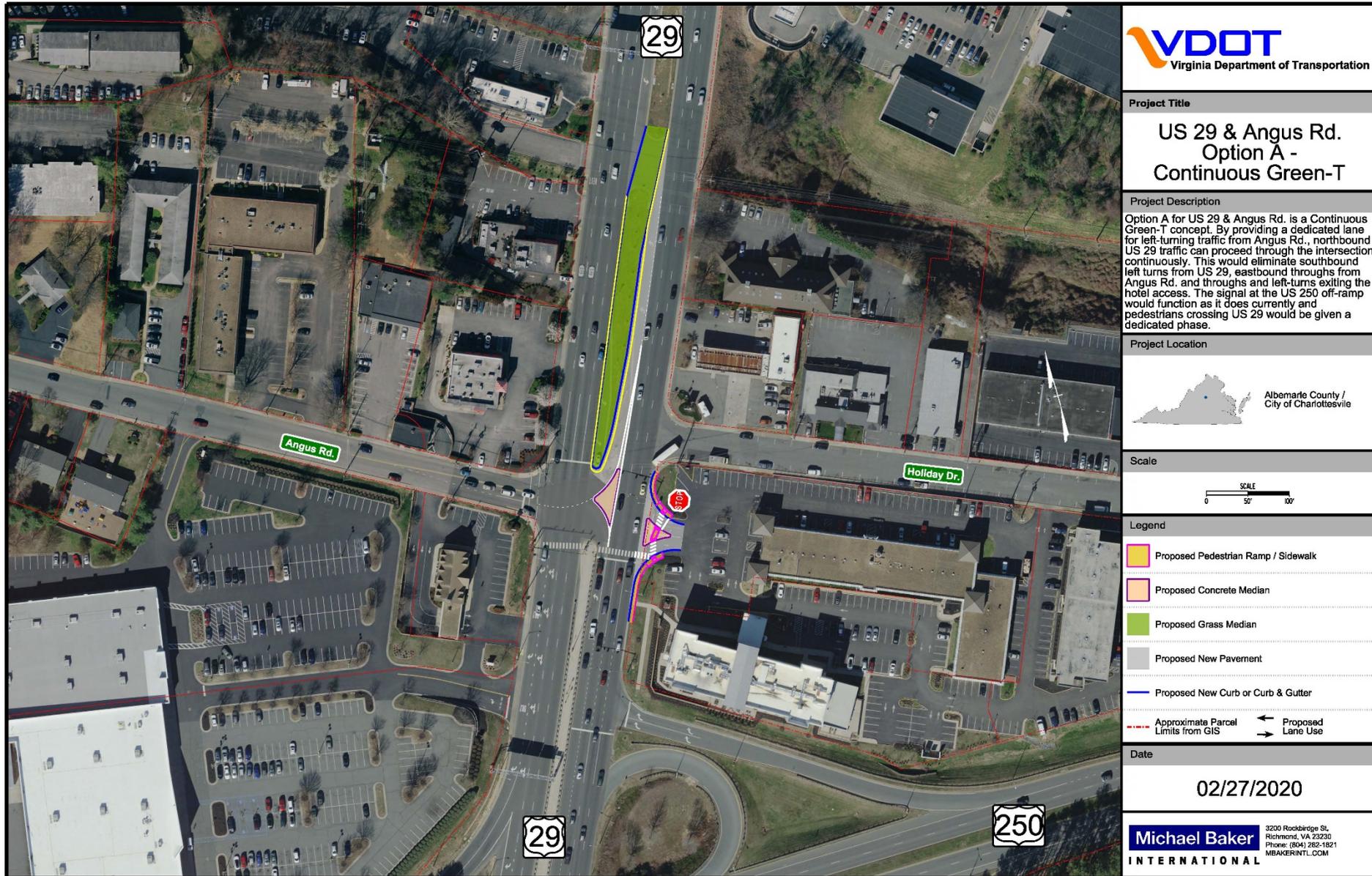
Additional Project Information:

- **Alternative Technical Concepts are not being considered**
- **Funding:**
 - **Fully funded PE, RW, CN (SMART SCALE)**
 - **Project is Federally participating**
- **Public Hearing Planned for May 25, 2022**
 - **Hillsdale Conference Center**
550 Hillsdale Drive, Charlottesville, VA 22901
5:00pm to 7:00pm

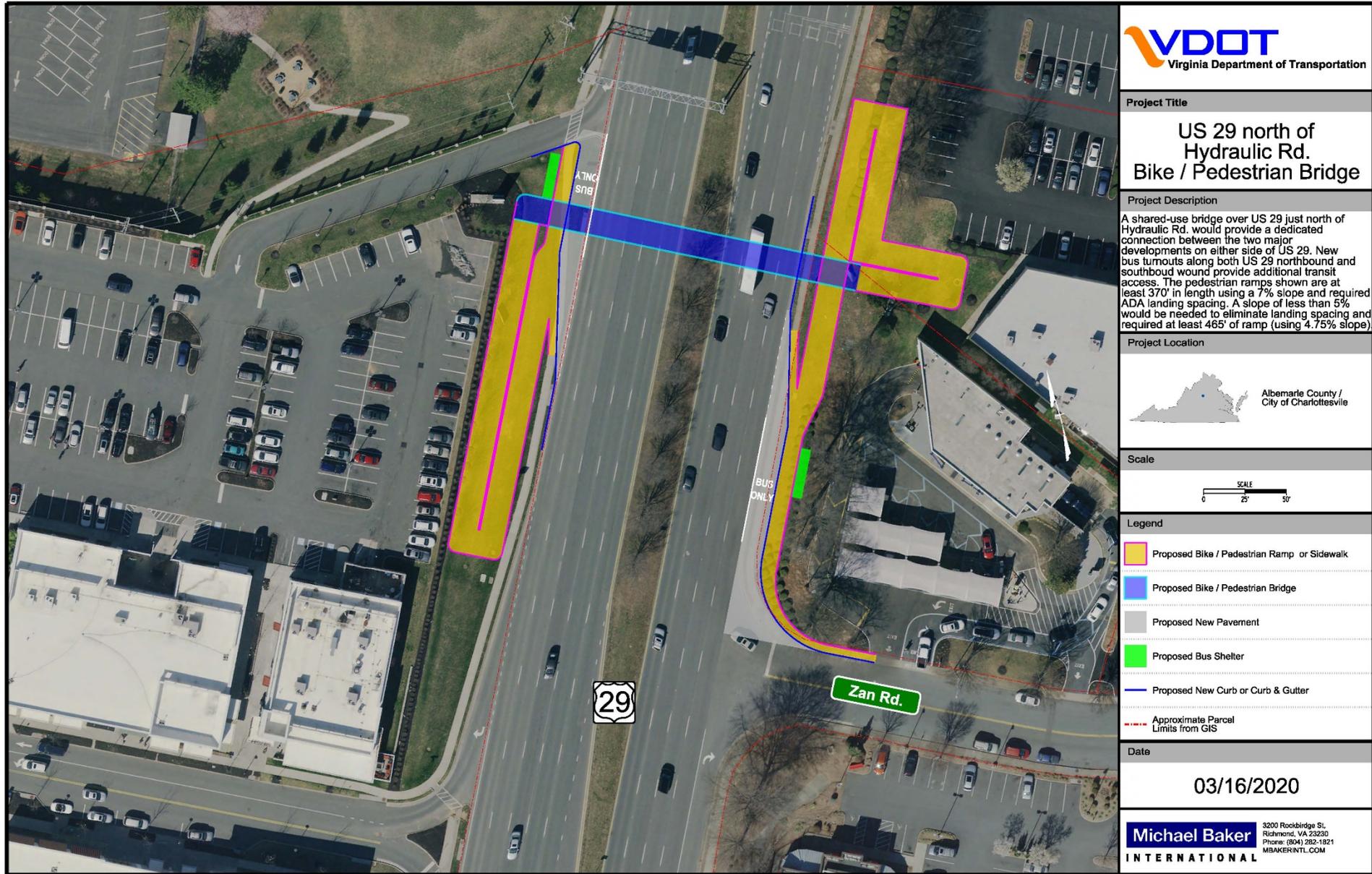
Transportation Improvements at Hydraulic Rd. and US-29- Element A



Transportation Improvements at Hydraulic Rd. and US-29- Element B

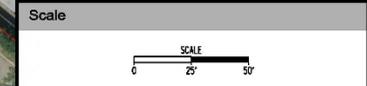
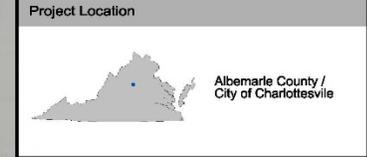


Transportation Improvements at Hydraulic Rd. and US-29- Element C



Project Title
US 29 north of Hydraulic Rd. Bike / Pedestrian Bridge

Project Description
 A shared-use bridge over US 29 just north of Hydraulic Rd. would provide a dedicated connection between the two major developments on either side of US 29. New bus turnouts along both US 29 northbound and southbound would provide additional transit access. The pedestrian ramps shown are at least 370' in length using a 7% slope and required ADA landing spacing. A slope of less than 5% would be needed to eliminate landing spacing and required at least 465' of ramp (using 4.75% slope)



- Legend**
- Proposed Bike / Pedestrian Ramp or Sidewalk
 - Proposed Bike / Pedestrian Bridge
 - Proposed New Pavement
 - Proposed Bus Shelter
 - Proposed New Curb or Curb & Gutter
 - Approximate Parcel Limits from GIS

Date
 03/16/2020

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Transportation Improvements at Hydraulic Rd. and US-29- Element D



Project Title

Hydraulic Rd. & Hillsdale Dr. Roundabout

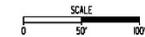
Project Description

This project idea would replace the existing traffic signal at the intersection of Hydraulic Rd. and Hillsdale Dr. with a hybrid roundabout. There would be two approach and departure lanes along Hydraulic Rd. The Kroger access would have one approach and departure lane. Hillsdale Dr. would have two approach lanes but one would be a right-turn only lane. There would be one departure lane from the roundabout to Hillsdale Dr. A second lane on Hillsdale Dr. would come from the Hydraulic Rd. westbound right-turn slip lane.

Project Location



Scale



Legend

- Proposed Sidewalk / Share-Use Path
- Proposed Concrete Median
- Proposed Grass Median
- Proposed New Pavement
- Proposed New Curb or Curb & Gutter
- Proposed Retaining Wall
- Approximate Parcel Limits from GIS
- Proposed Truck Aporn
- Proposed Lane Use

Date

03/25/2020

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Transportation Improvements at Hydraulic Rd. and US-29- Element E



Project Scope

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

- **Roadway**
- **Structure and Bridge**
- **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**

Bryan Stevenson, P.E., DBIA
Alternative Project Delivery Division
1401 East Broad Street
Richmond, Virginia 23219
Phone: (804) 786-6929
E-mail: Bryan.Stevenson@vdot.virginia.gov

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$16,700,000**

Anticipated Schedule

(Section 2.5)

- RFQ Questions to VDOT 05/03/2022 (4:00 PM)
- VDOT Response to Questions 05/17/2022
- SOQ Submission Date 06/07/2022 (4:00 PM)
- Notification of Shortlist 07/19/2022
- Anticipated RFP Release Date 07/26/2022
- Technical Proposals Due 10/12/2022 (4:00 PM)
- Price Proposals Due 12/08/2022 (4:00 PM)
- Anticipated Award Date 01/18/2023
- Final Completion 12/05/2025

RFQ Information Package

(Section 2.8)

RFQ Conceptual Plans

Existing Road Plans

Survey files

Traffic count data

Environmental Documents

- **Air & Noise reports**
- **CR and Effect Determination**
- **Hazmat Phase 1 Report**
- **TE Report**
- **WQ Permit Determination**

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 and Addendums
<http://www.virginiadot.org/business/request-for-qualifications.asp>
- VDOT will be issuing 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 12% DBE participation goal

- **Offeror's Team Structure** **(Section 3.3)**
 - ✓ Key Personnel (4)
 - **Design Build Project Manager**
 - » Responsible for the overall Project design, construction, quality management and contract administration
 - **Design Manager**
 - » Responsible for coordinating the design of the Project and overseeing the QA/QC program for all design disciplines

Contents of Statements of Qualifications (SOQ)

✓ Key Personnel (Cont.)

- **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: Addendum will be issued requiring that current assignments for QAM will need to be listed**

- **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**
 - 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)**

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 September 2019 (On VDOT'S DB Website)

http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/DB_Evaluation_Guidelines_9-5-2019.pdf

Submittal Requirements

(Section 5)

- Deadline for submitting a Statement of Qualifications is June 7, 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.
- The SOQ must be submitted by the Offeror (i.e., not by Sub-consultant, Sub-contractor 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 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 Questions

(Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.
- Deadline for submittal is **May 3, 2022**
- Responses will be posted by **May 17, 2022**

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:

- **Reynold Smith and Hill, Inc.**
- **T3 Design Corporation**
- **Prime AE Group, Inc.**
- **Accumark**
- **Rice**
- **Schnabel Engineering**
- **Whitman Requardt & Associates, LLP**
- **Stantec**
- **Cardno, Inc.**

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
- **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 ??

