



PROJECT INFORMATION MEETING

ALBEMARLE INTERSECTION BUNDLING ALBEMARLE COUNTY, VIRGINIA

UPC 111814 (0250-002-956, P101, R201, C501)

UPC 111727 (0029-002-959, P101, C501)

UPC 111813 (0029-002-955, P101, R201, C501)

UPC 111730 (0250-002-954, P101, R201, C501)

UPC 111733 (0020-002-953, P101, R201, C501)

UPC 109397 (9999-002-941, P101, R201, C501)

Contract ID: C00111814DB103

Hal Jones, P.E. – Project Manager

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

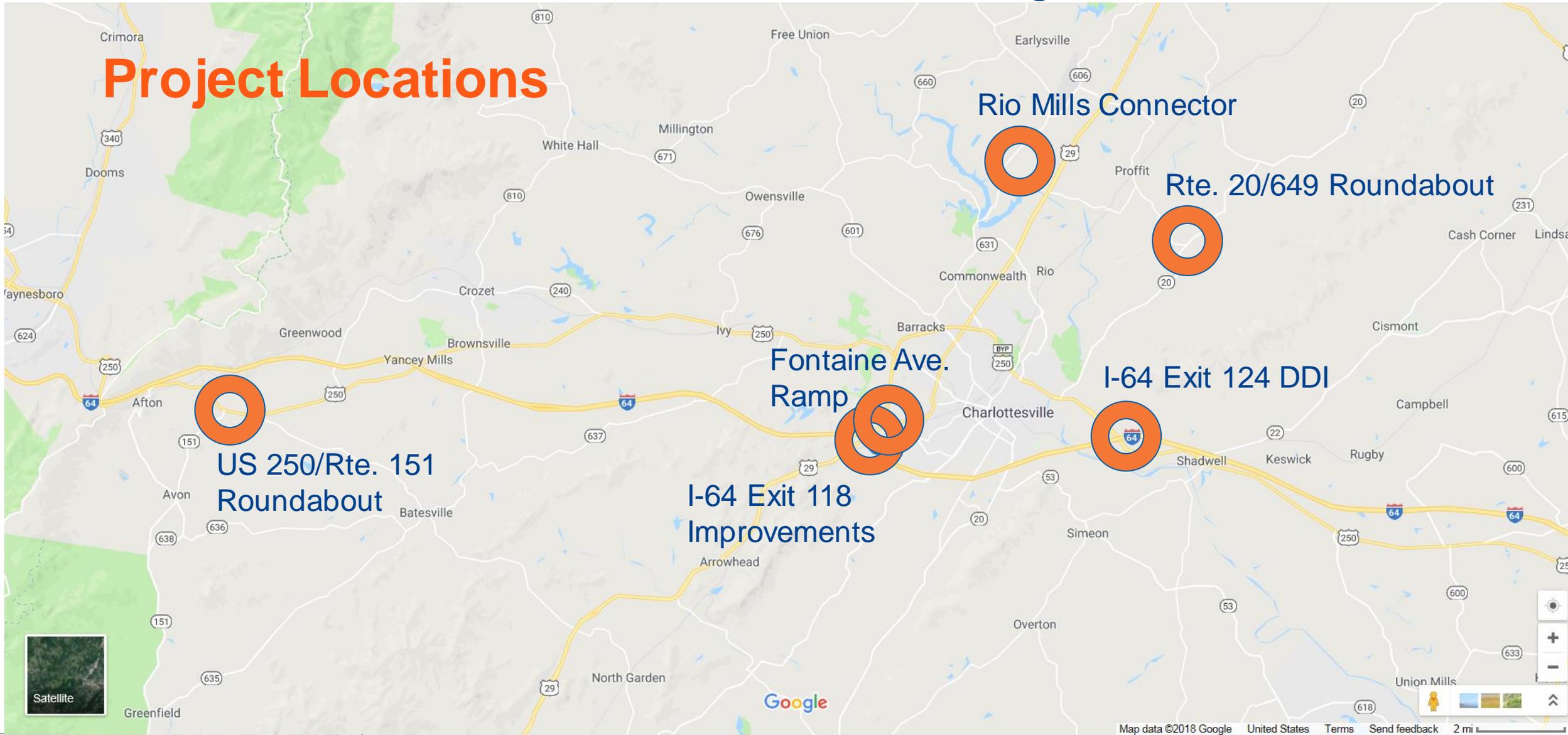
July 20, 2018

Agenda

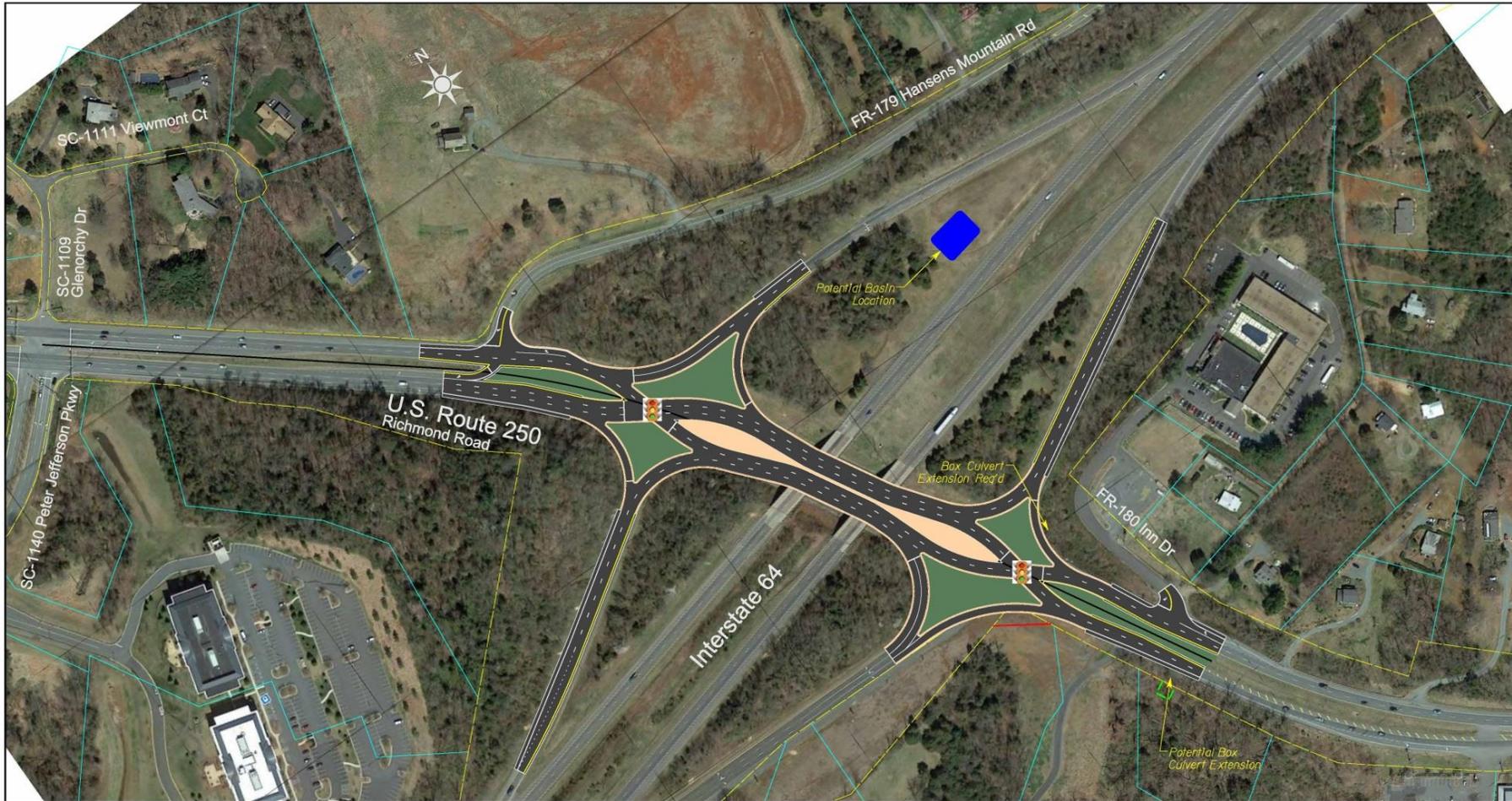
- **Project Overview**
- **RFQ Summary**
- **Questions / Answers**

Albemarle Intersection Bundling

Project Locations



Albemarle County DB Bundle – I-64 Exit 124 DDI (UPC 111814)



VDOT Virginia Department of Transportation
Culpeper District Design Unit

Interstate 64 Exit 124
US-250 Diverging Diamond
Interchange Concept
July 2016

Legend

- Proposed Right of Way
 - Proposed Permanent Easement
 - Proposed Concrete Curb and Median
 - Proposed Pavement
 - Proposed/Modified Signal
- Intersection control at ramps to be determined by Traffic Analysis.

Location: Albemarle County



Note: Impacts due to grading and utilities are not depicted.

Sheet 1/1

Albemarle County Design Build Bundle I-64 Exit 124 DDI (UPC 111814)

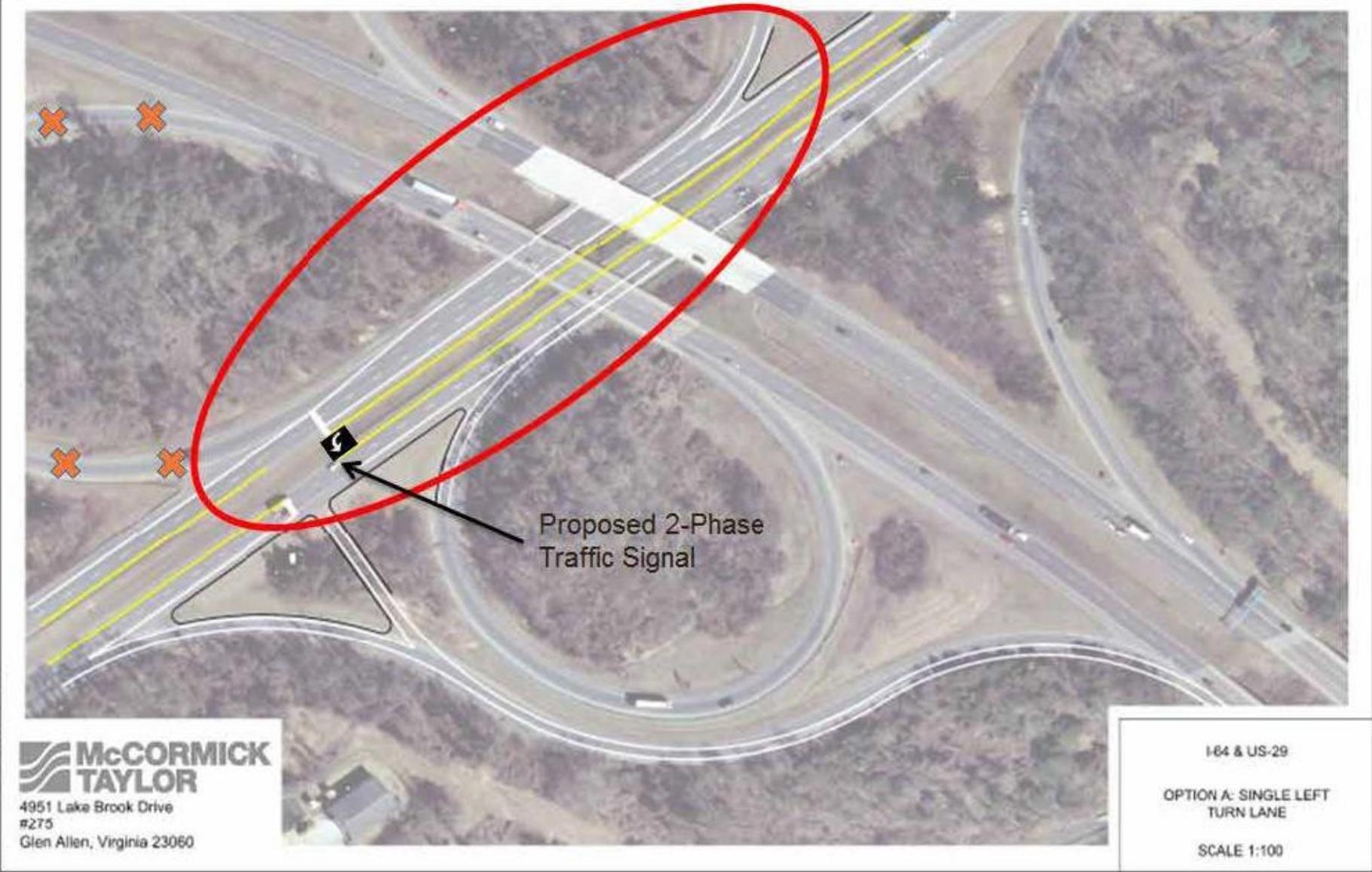
Project Purpose & Need

- Heavy peak hour traffic at this interchange
- Improve safety and operations by improving traffic flow and reducing congestion

Project Overview

- I-64 AADT of 43000(2016), 44000(2017); US 250 AADT of 23000(2016), 24000(2017)
- Access to properties along US 250
- New traffic pattern will require adequate signage, public awareness ahead of opening
- Existing I-64 bridges to remain - vertical and horizontal clearances
- Long queues under current peak hour conditions

Albemarle County DB Bundle – I-64 Exit 118 Interchange (UPC 111727)



Albemarle County Design Build Bundle I-64 Exit 118 Interchange (UPC 111727)

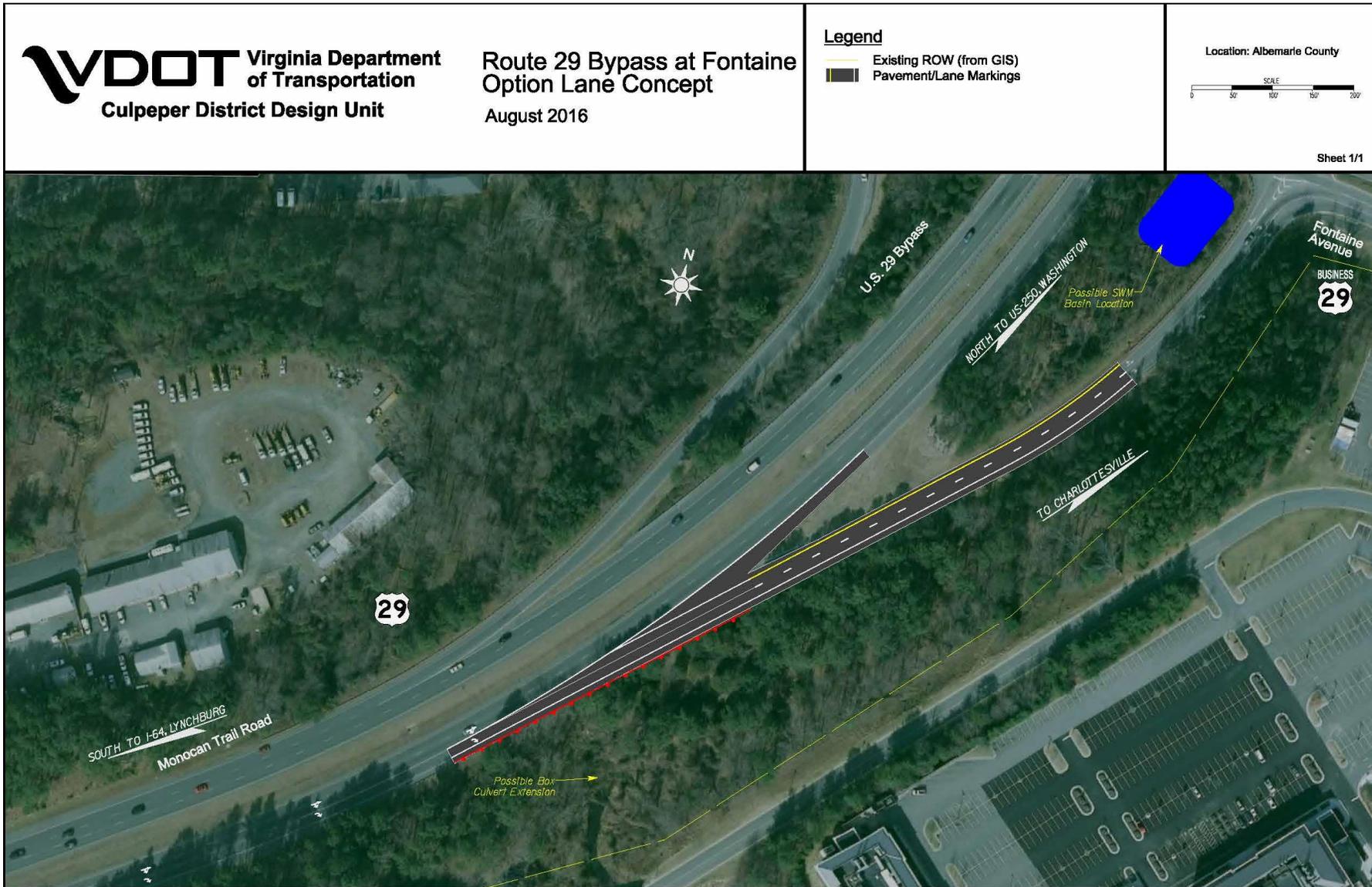
Project Purpose & Need

- Heavy peak hour traffic, UVA event traffic and frequent crashes at this interchange
- Improve safety and operations by removing 2 weave segments, improving traffic flow

Project Overview

- I-64 AADT of 51000 (2016), AADT of 53000 (2017)
- US 29 AADT of 52000(2016), AADT of 54000(2017)
- New traffic pattern will require adequate signage, public awareness

Albemarle County DB Bundle - US 29 Exit Ramp to Fontaine (UPC 111813)



Albemarle County Design Build Bundle US 29 Exit Ramp to Fontaine (UPC 111813)

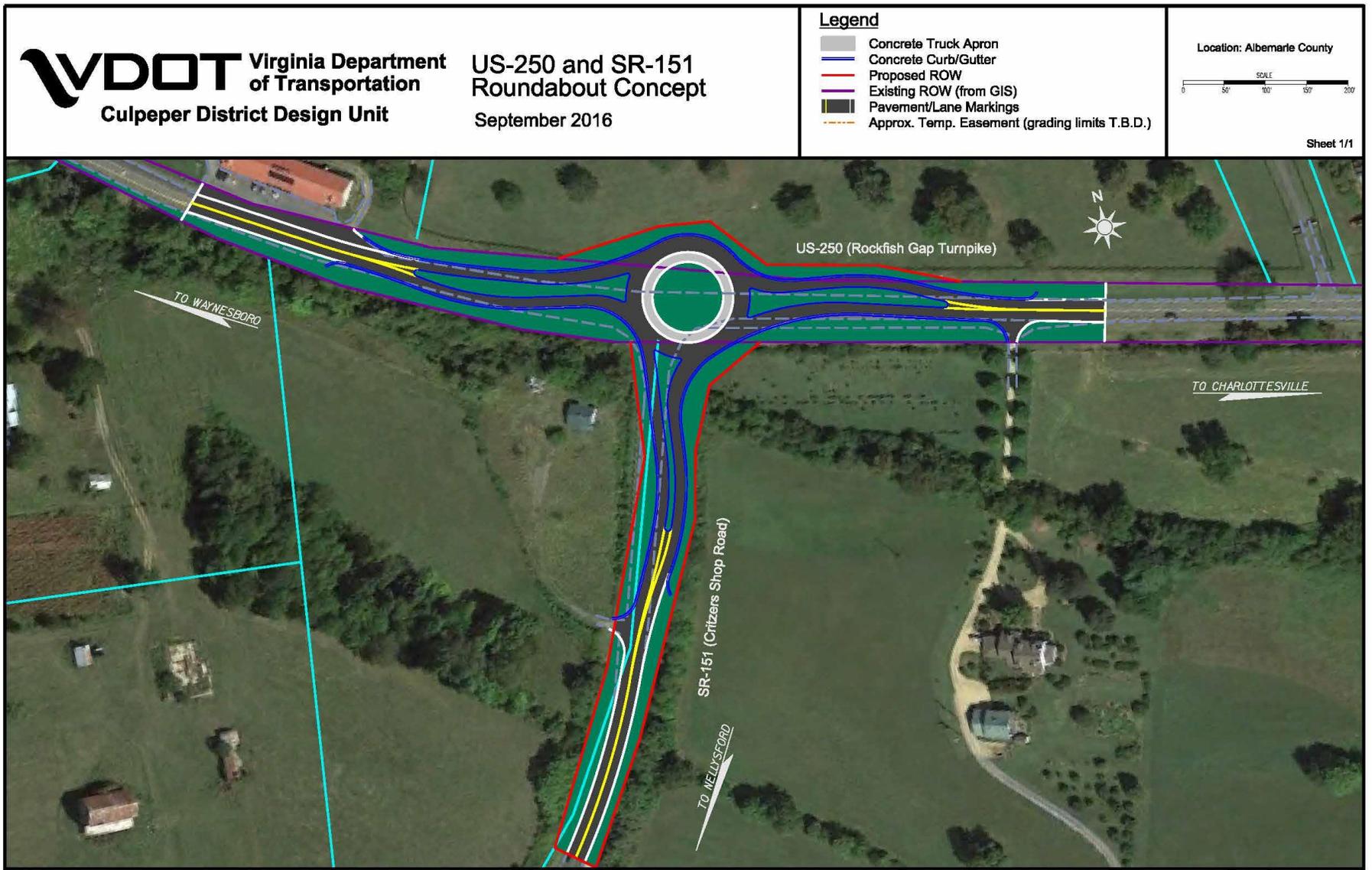
Project Purpose & Need

- Heavy peak hour traffic and UVA event traffic at this interchange
- Improve safety and operations by improving traffic flow and reducing weaving approaching Fontaine Avenue

Project Overview

- US 29 AADT of 51000(2016), AADT of 52000(2017)
- Heavy weave movements during peak hour conditions

Albemarle County DB Bundle - Route 151/250 Roundabout Concept (UPC 111730)



Albemarle County Design Build Bundle Route 151/250 Roundabout (UPC 111730)

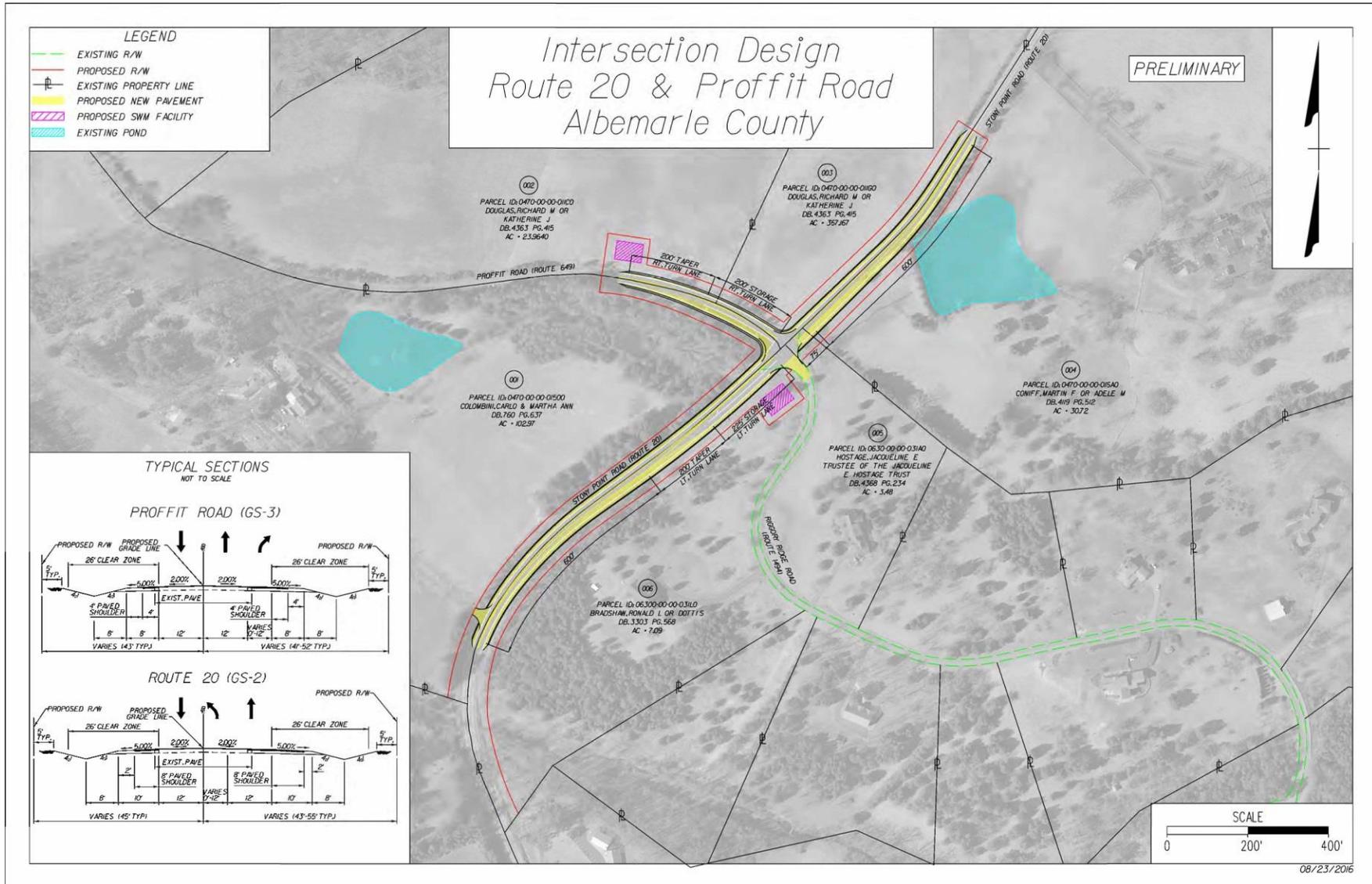
Project Purpose & Need

- Significant peak hour traffic and weekend event traffic at this intersection, truck traffic on eastbound downhill approach
- Improve safety and operations by improving traffic flow and reducing congestion

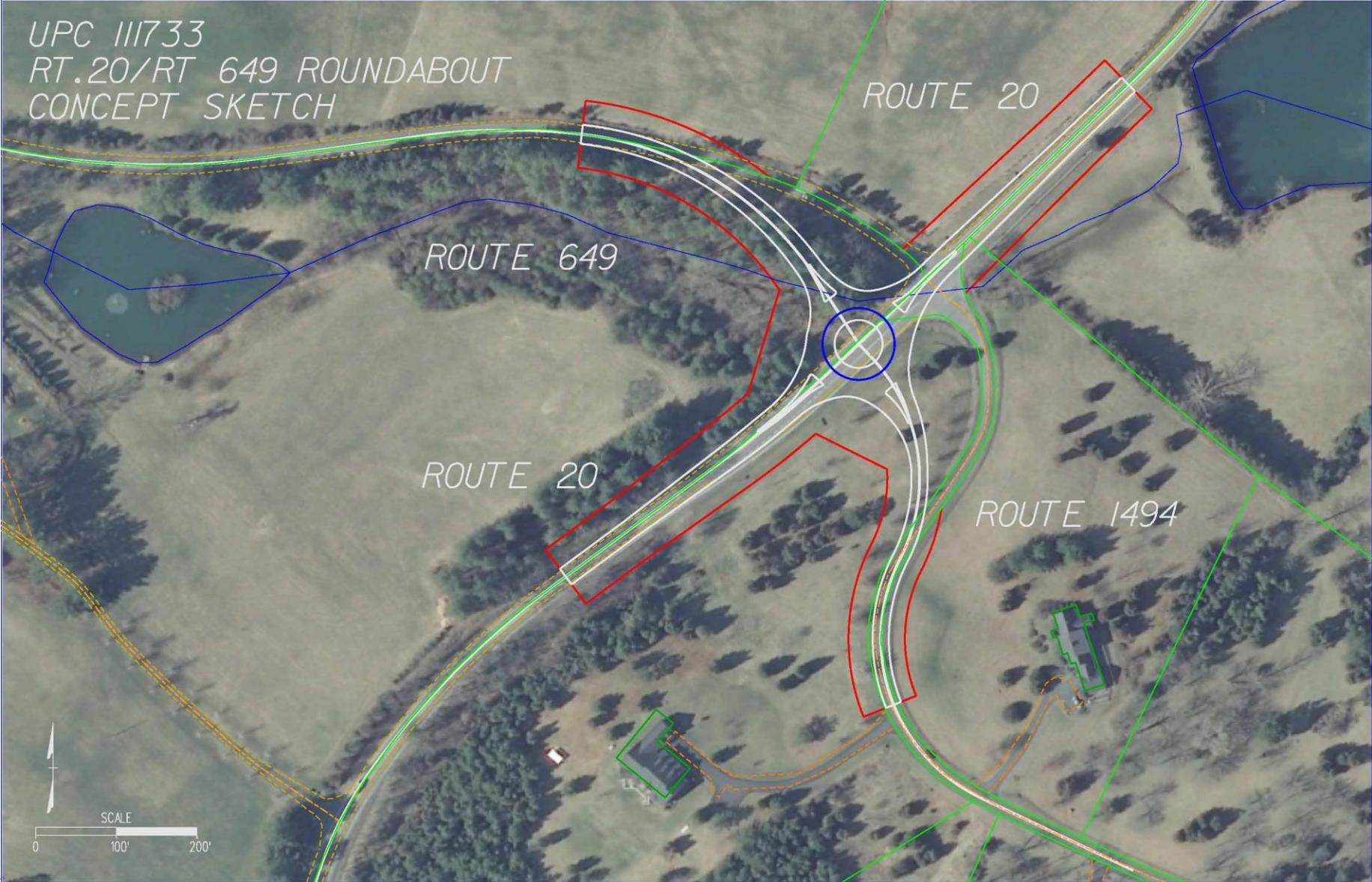
Project Overview

- AADT of 6700(2016), AADT of 6800(2017)
- Flooding issues along Stockton Creek, which runs parallel to US 250
- Existing temporary signal at intersection to be removed with roundabout
- Stream under road at intersection - anticipate improvements to existing culvert

Albemarle County DB Bundle - Route 20/649 TL from SS (UPC 111733)



Albemarle County DB Bundle - Route 20/649 Roundabout (UPC 111733)



Albemarle Intersection Bundling Route 20/649 Roundabout (UPC 111733)

Project Purpose & Need

- Heavy peak hour traffic and frequent crashes at this intersection
- Improve safety and operations by improving traffic flow and reducing congestion

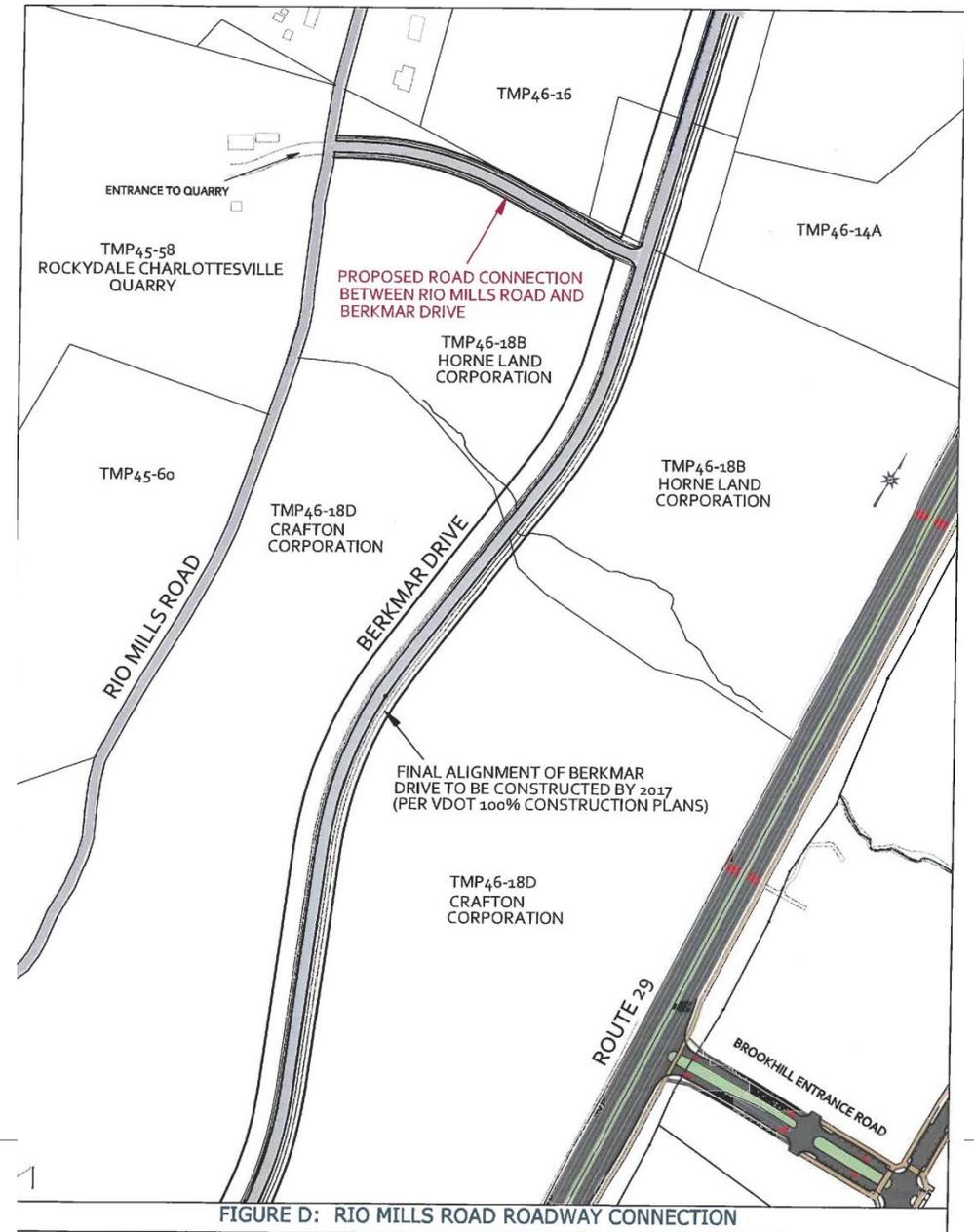
Project Overview

- AADT of 7900 (2016), AADT of 8100 (2017)
- SS application included a NB LTL on Rte. 20 and an EB RTL on Proffit Rd
- Roundabout being considered
 - VOF/Conservation easements on north properties
 - Some realignment of Proffit Rd may be needed
 - Stakeholders prefer roundabout
- Stream underneath intersection, existing culvert needs to be replaced

Albemarle County DB Bundle – Rio Mills/Berkmar Connector (UPC 109397)



Albemarle County DB Bundle – Rio Mills/Berkmar Connector (UPC 109397)



Albemarle Intersection Bundling Rio Mills/Berkmar Connector (UPC 109397)

Project Purpose & Need

- Improve safety and connectivity and reduce maintenance on existing gravel road
- Prefer to remove gravel road segment from our system

Project Overview

- 2017 counts taken on Berkmar were about 5000 ADT; 560 AADT on Rio Mills Rd (2017)
- Existing truck traffic at Rockydale quarry
- Proffer by local developer
 - Opportunity to receive donated RW
 - Proffered location is south of existing homes

Albemarle Intersection Bundling

Status of Projects:

- **Additional Survey, Environmental & GDR underway**
- **Delivery method will be Two Phase Best Value design-build**
- **Alternative Technical Concepts being considered**
- **Funding:**
 - **Fully funded PE, RW, CN (SMART SCALE, HSIP)**
 - **Rio Mills Connector is State Funded**
 - **All other projects are Federally participating**

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**

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Alternate Project Delivery Division
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Richmond, Virginia 23219
Phone: (804) 786-6929
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E-mail: Bryan.Stevenson@vdot.virginia.gov

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$22,000,000**

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 draft 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 07/27/2018 (4:00 PM)
- VDOT Response to Questions 08/02/2018
- SOQ Submission Date 08/21/2018 (4:00 PM)
- Notification of Shortlist 10/09/2018
- Anticipated RFP Release Date 10/30/2018
- Technical Proposals Due 04/02/2019 (4:00 PM)
- Price Proposals Due 05/16/2019 (4:00 PM)
- Anticipated Award Date 06/19/2019
- Final Completion 03/30/2023

RFQ Information Package

(Section 2.8)

RFQ Conceptual Plans

Survey files (UPC 111813 and 111727 survey files are combined)

Traffic count information

NEPA status spreadsheet

FORM C-78 (ATTACHMENT 2.10)

Form C-78-RFQ

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFQ NO. C0010666#DB82
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 9% 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

✓ 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- **note DDI Experience**

Format and Appearance of the Key Personnel Resume Form and Work History Forms should not be modified **(Section 5.2.2)**

Original SOQ's and copies shall include narrative for Approach to Executing Work on Multiple Projects (under Evaluation Criteria) **NOTE: Addendum will be issued** (Sections 5.2.3 and 5.2.4)

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 25%
 - Experience of Offeror's Team 35%
 - Project Risks 30%
 - Approach to Executing Work on Multiple Projects 10%
- 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 August 21 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 submittal is **July 27, 2018**
- Responses will be posted by **August 2, 2018**

Conflict of Interest

(Section 11.2)

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

- Reynold Smith and Hill, Inc. (RS&H)
- T3 Design Corporation
- Cardno, Inc.
- Cultural Resource Analysts, Inc.
- Woolpert
- Accumark
- Rice
- Schnabel Engineering
- *Commonwealth Heritage Group - NOTE: Addendum will be issued*

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.viriniadot.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 Addendum

- **VDOT will be issuing an addendum. Look for the addendum after the RFQ Question period on our website.**
- **Addendum will include:**
 - ✓ Revision to Key Personnel Resume Form (Attachment 3.3.1)- Section h. will be revised to clarify that QAM current assignments are to be listed.
 - ✓ Revision of Section 5.2.3 and 5.2.4 to include narrative for Approach to Executing Work on Multiple Projects (under Evaluation Criteria)
 - ✓ Revision of Section 11.2.7 to add Commonwealth Heritage Group to the conflicted firms.

