



Route 7 and Battlefield Parkway Interchange Project RFQ Information Meeting

December 15, 2017

Calvin Britt, P.E. – Design Project Manager

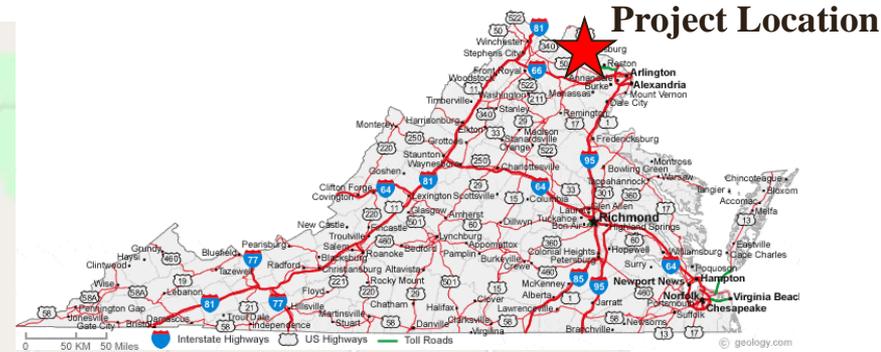
Stephen Kindy, P.E. – APD Division Project Manager and POC

Route 7 and Battlefield Parkway Interchange Agenda

- Project Location
- Project Purpose & Need
- Project Overview
- RFQ Information Package
- RFQ Summary
- Questions / Answers

Project Location:

Route 7, Town of Leesburg
From: 0.75 Miles W. of Battlefield Pkwy
To: 0.75 Miles E. of Battlefield Pkwy



Battlefield Parkway, Town of Leesburg
From: 0.25 Mi. S. of Route 7
To: 0.40 Mi. N. of Route 7

Project Location - Roadways



Maintenance Responsibility



Town of Leesburg
maintains Battlefield
Parkway

VDOT maintains Route 7

Project Location - General Land Use



Project Purpose & Need



- Relieve Congestion
- Improve traffic operations, safety, and pedestrian/vehicular flow
- Allow Route 7 to function as a limited-access corridor within the Town of Leesburg in accordance with Leesburg Town Plan

Future Leegate Development



Project Overview

- Eliminate signal at Route 7/Cardinal Park Dr. intersection and covert to Right In/Right Out
- Add eastbound auxiliary lane from Cardinal Dr. to Battlefield Pkwy
- Close Route 7 median

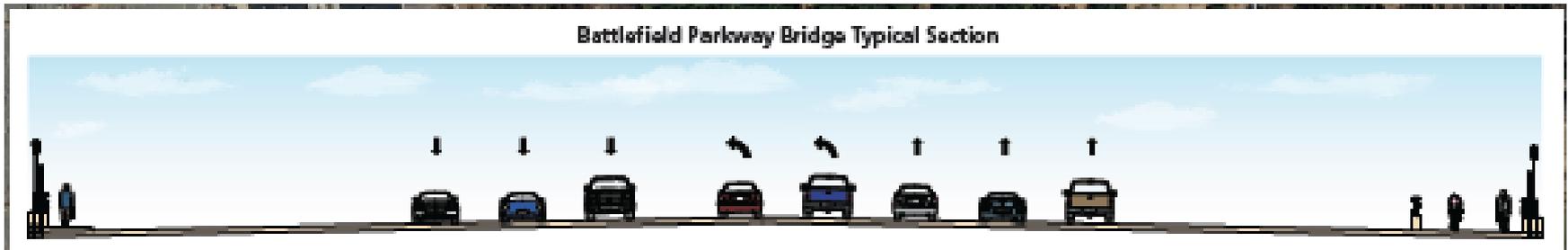


Project Overview

- Alternate access for businesses via Potomac Station Drive:
 - Consignment Solutions – west of Battlefield Pkwy
 - This N' That & Meadows Farms – east of Battlefield Pkwy



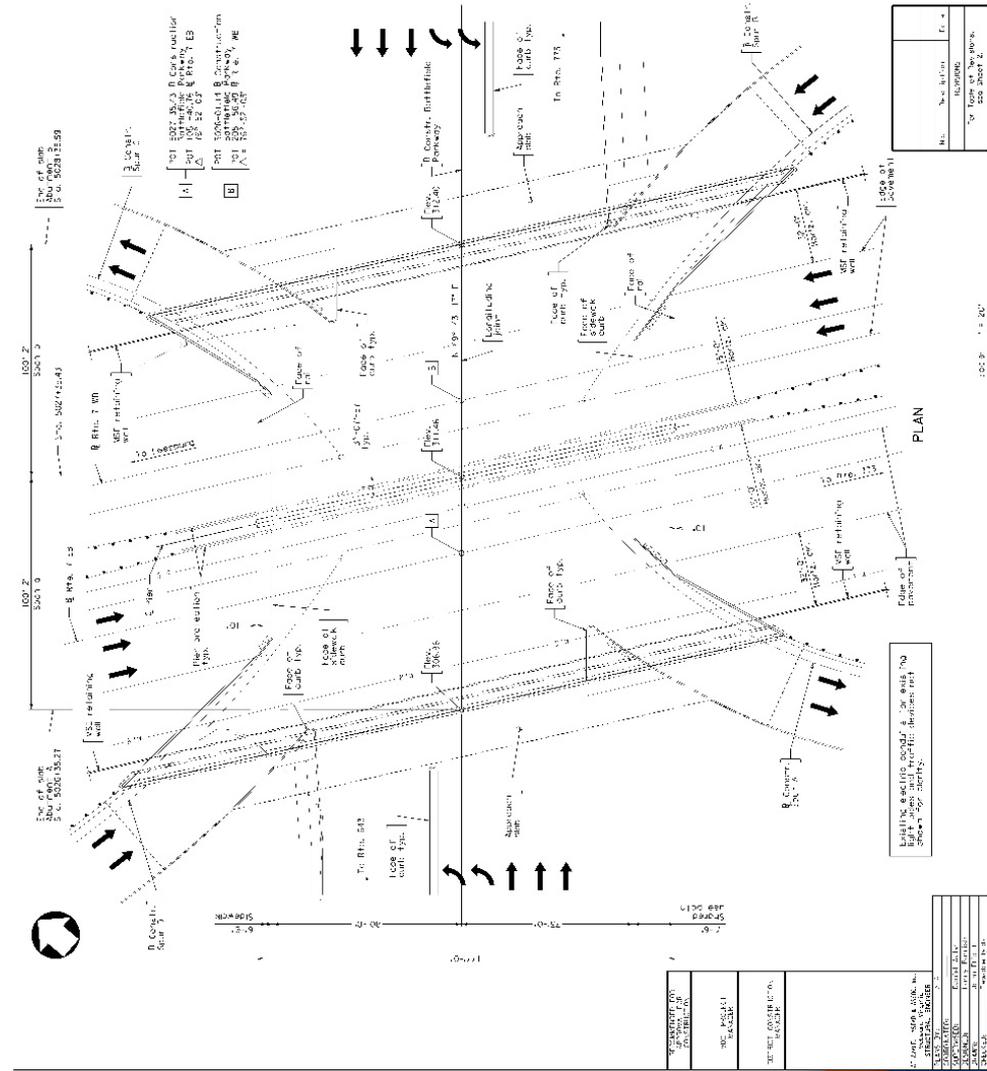
Bridge Design Features



- Bridge to accommodate:
 - Ultimate typical section (6 travel lanes) for Battlefield Pkwy
 - Dual left-turn lanes in both directions of Battlefield Pkwy
 - Sidewalk & Shared Use Path
 - Lighting

Bridge Design Features

- Allows future widening of Route 7 (8 travel lanes)
- WB-67 design vehicle for spur ramps and double left turn movements
- Aesthetic treatments, similar to other nearby bridges over Route 7



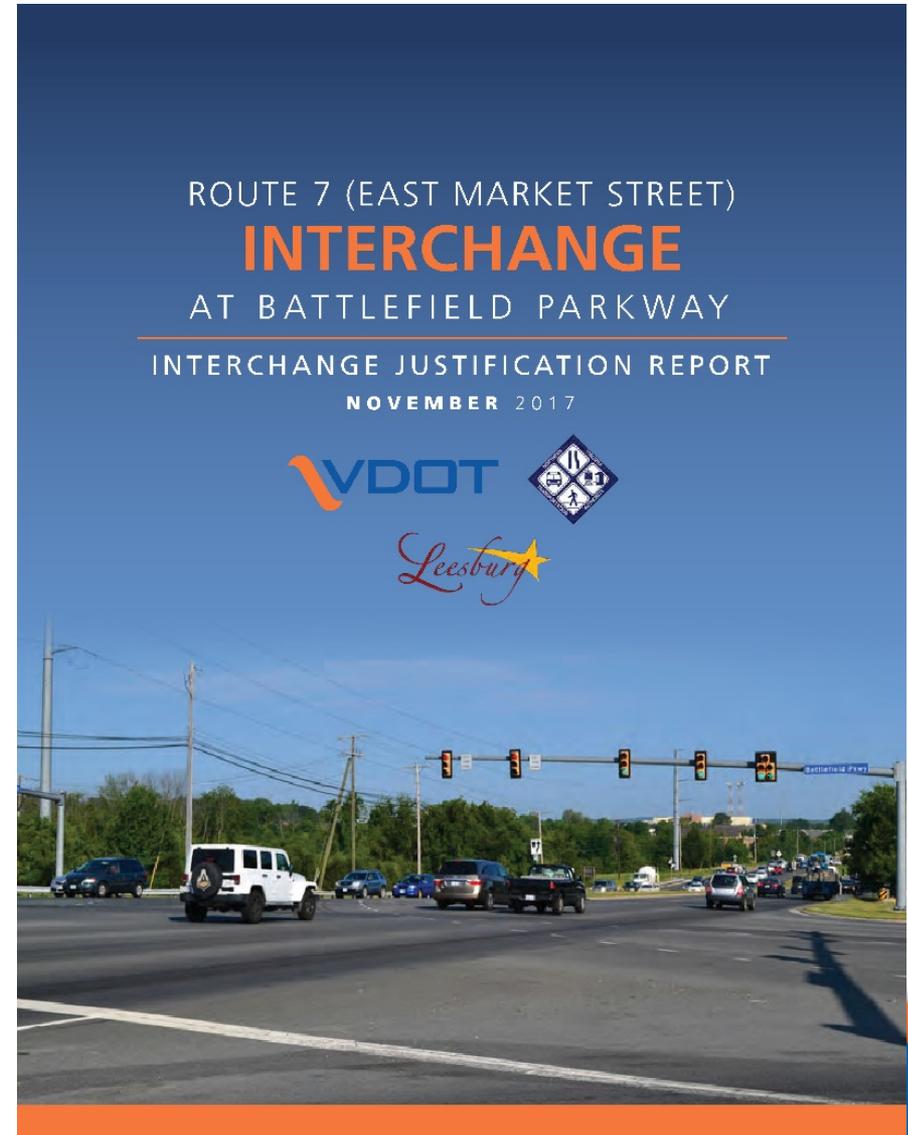
Traffic Data

| Roadway | 2016 ADT | 2040 ADT | Truck % |
|---------------------|----------|----------|---------|
| Route 7 | 84,100 | 90,800 | 2% |
| Battlefield Parkway | 20,100 | 37,600 | 1% |



Project Background

- Interchange Justification Report (submitted Nov. 2017)
- “Common Sense Engineering” (IIM-LD-255)
- Single Point Urban Interchange (SPUI) Configuration – preferred alternative



Project Scope Elements, include but are not limited to:

- Roadway
- Survey
- Bridge & Retaining Walls
- Environmental
- Geotechnical
- Erosion & Sediment Control
- Hydraulics
- Stormwater Management
- Landscaping
- Roadway Lighting
- Traffic Control Devices
- Intelligent Transportation Systems
- Transportation Management Plan
- Right of Way
- Utilities
- Stakeholder Coordination
- Public Involvement/Relations
- Quality Assurance & Quality Control
- Construction Engineering & Inspection
- Overall Project Management

Existing Features



Utilities: cable TV, electric, fiber optic communications, telephone, water, sanitary sewer & gas.

Environmental Document

- Categorical Exclusion (CE)
 - FHWA concurred that a CE is the appropriate level of NEPA documentation on June 15, 2017
 - Document completion anticipated May 2018
- Threatened and Endangered Species/Time of Year Restriction (TOYR)
 - Northern Long-Eared Bat (NLEB)
 - Range includes the entire state of Virginia
 - USFWS requests a TOYR for tree removal activities from April 15 – September 15

Environmental Studies

- Wetlands
 - Preliminary delineation to be complete December 2017
 - Avoid and/or minimize impacts to streams and wetlands to the greatest extent practicable
 - BMP B-2A
 - Inlet/outlet extensions of 6'x6' box culvert north of Route 7 and west of Battlefield Pkwy
 - Potential stream relocation upstream of 6'x6' box culvert
- Ongoing environmental studies include:
 - HazMat Phase I Environmental Site Assessment
 - Phase I Cultural Resource Survey
 - Wetland Delineation
 - Noise Study

Environmental Scope

- If any scope changes, Design-Builder to perform technical studies in support of NEPA Re-evaluation
- Acquire Water Quality Permits
- Wetland Mitigation & Potential Stream Relocation
- Erosion & Sediment Control (C-107s)/SWPPP (C-45)
- VDOT's new oversight role:
 - CGP/VPDES Compliance: NPDES Coordinator
 - NEPA Commitments Compliance: Environmental Compliance Inspector (ECI)

RFQ Summary

- VDOT POC

Stephen D. Kindy, PE

Alternative Project Delivery Division

1401 East Broad Street

Richmond, Virginia 23219

Phone: (804) 786-6016

Fax: (804) 786-7221

E-mail: stephen.kindy@vdot.virginia.gov

- Two-Phase Best Value Procurement

- Short-List 3 Highest Ranked Teams

- Estimated Contract Value - \$42,000,000

Alternate 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>

RFQ Information Package

- RFQ Conceptual Plans
 - Roadway Plan and Profile
 - Bridge
- Existing topographical survey and known utility survey
- Existing and design year traffic data

Anticipated Schedule

(Section 2.5)

- RFQ Questions to VDOT 12/21/2017
- VDOT Response to Questions 01/10/2018
- SOQ Submission Date 01/31/2018
- Notification of Shortlist 04/23/2018
- Anticipated RFP Release Date 05/10/2018
- Anticipated Award Date 12/05/2018
- Final Completion 04/30/2022

Contents of Statements of Qualifications (SOQ)

- Letter of Submittal (Section 3.2)
 - POC, Surety, Prequalification, Debarment, SCC, DPOR, etc.
 - Commitment to achieving a 13% DBE participation goal
- Offeror's Team Structure (Section 3.3)
 - Key Personnel
 - Design Build Project Manager
 - Quality Assurance Manager
 - Design Manager
 - Construction Manager
 - Utility Manager
 - Organizational Chart and Narrative
 - Clear separation between QA and QC Production Forces

Contents of Statements of Qualifications (SOQ)

- Experience of Offeror's Team (Section 3.4)
 - Lead Contractor Work History Form
 - Lead Designer Work History Form
- Project Risks (Section 3.5)
 - Identify 3 Critical Project Risks
 - Why is the risk critical?
 - What is the potential impact?
 - Mitigation strategies?
 - VDOT's role?

Evaluation Criteria

(Section 4)

- Scoring
 - Offeror's Team Structure 30%
 - Experience of Offeror's Team 40%
 - Project Risks 30%
 - Total 100%
- Scoring Range Application
 - Numerical score based on a 1-10 scale
 - Evaluation Criteria included in the RFQ for each submittal requirement
- Design-Build Evaluation Guidelines, Revised May 2014
(On VDOT'S DB Website)
<http://www.virginiadot.org/business/design-build.asp>

Submittal Requirements

(Section 5)

- Deadline for submitting a Statement of Qualifications is **January 31, 2018 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
 - ✓ Prepared on 8.5" x 11" white paper

RFQ Questions

(Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC Deadline for submittal is **December 21, 2017**
- Responses will be posted on VDOT's RFQ website by **January 10, 2018**

Structure Inspection Reports

- Critical Infrastructure Information/Sensitive Security Information (CII/SSI)
- Submit Completed Form to VDOT POC
- VDOT to Supply:
 - Latest Culvert and/or Bridge Inspection Reports

Conflict of Interest

(Section 11.2)

- The following firms have been determined to have a conflict of interest:
 - ✓ Whitman Requardt and Associates, LLP
 - Rinker Design Associates, P.C.
 - Athavale, Lystad & Associates, Inc.
 - Land Planning & Design Associates, Inc.
 - ✓ Commonwealth Heritage Group
 - ✓ McCormick Taylor
 - ✓ EEE Consulting, 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
http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/IIM-APD-2.2.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.



Questions