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

VDOT maintains Route 7

Town of Leesburg maintains Battlefield Parkway
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
Project Overview

• Grade Separated Interchange to replace existing traffic signal
• Route 7 will be Limited Access within the project limits with a break at Cardinal Park Dr.
• Eastbound Auxiliary Lane between Battlefield Pkwy and River Creek Pkwy/Crosstrail Blvd.
• Tie into Trailview Blvd Extension (Leegate Development)
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 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

<table>
<thead>
<tr>
<th>Roadway</th>
<th>2016 ADT</th>
<th>2040 ADT</th>
<th>Truck %</th>
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<tbody>
<tr>
<td>Route 7</td>
<td>84,100</td>
<td>90,800</td>
<td>2%</td>
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<tr>
<td>Battlefield Parkway</td>
<td>20,100</td>
<td>37,600</td>
<td>1%</td>
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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
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>RFQ Questions to VDOT</td>
<td>12/21/2017</td>
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<tr>
<td>VDOT Response to Questions</td>
<td>01/10/2018</td>
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<tr>
<td>SOQ Submission Date</td>
<td>01/31/2018</td>
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<tr>
<td>Notification of Shortlist</td>
<td>04/23/2018</td>
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<tr>
<td>Anticipated RFP Release Date</td>
<td>05/10/2018</td>
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<tr>
<td>Anticipated Award Date</td>
<td>12/05/2018</td>
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<tr>
<td>Final Completion</td>
<td>04/30/2022</td>
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• Watch VDOT’s Design-Build RFQ website for responses to RFQ questions and Addendums http://www.virginiadot.org/business/request-for-qualifications.asp

• If VDOT issues an addendum, a revised C-78 form will be included with the addendum

• Sign, date and include C-78 with SOQ
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
The following firms have been determined to have a conflict of interest:

- Whitman Requardt and Associates, LLP
  - Rinker Design Associates, P.C.
  - 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

• 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.