



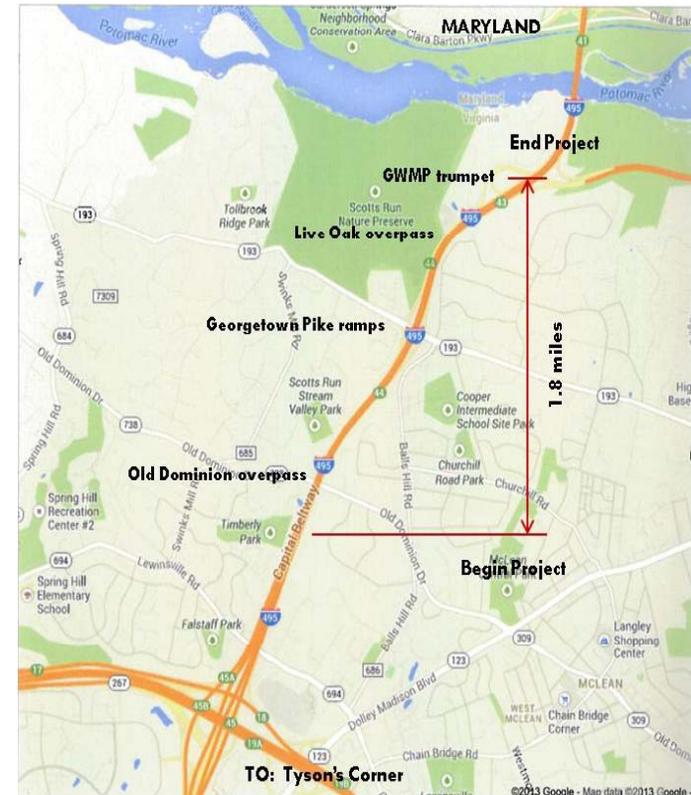
**I-495 Northern Section Shoulder Use Project  
Request for Proposal Overview  
Pre-bid Conference**

February 12, 2014

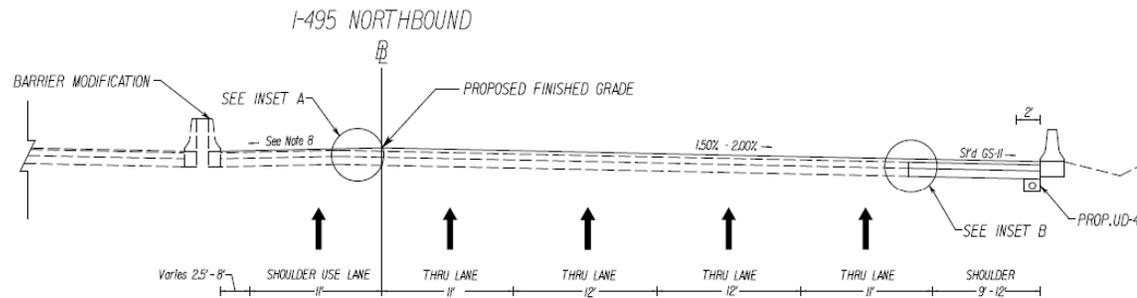
# I-495 Northern Section Shoulder Use Project

## Scope of Work – Major Items

- Mill and overlay - Light gray pavement for shoulder use lane
- Pavement joint repairs
- Pier protection TL-5
- Median Barrier modifications
- Advance DMS sign(s), static signs, overhead lane control signs and CCTV
- Relocating 3 Bridge mounted OHS
- Joint reconstruction on Scotts Run bridge
- Traffic control / MOT

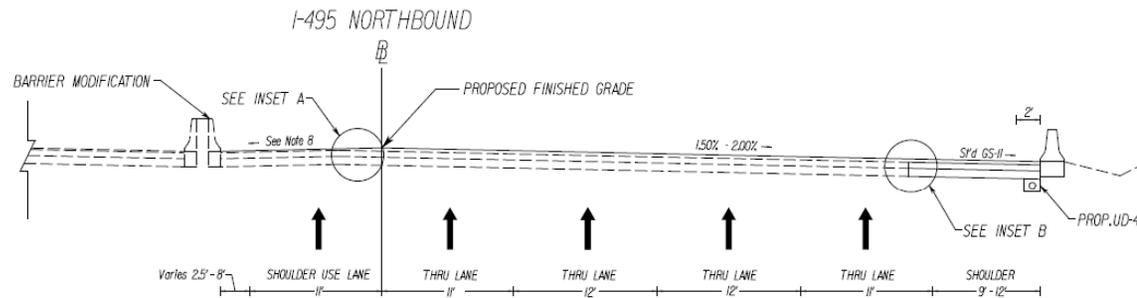


## Key Design Elements



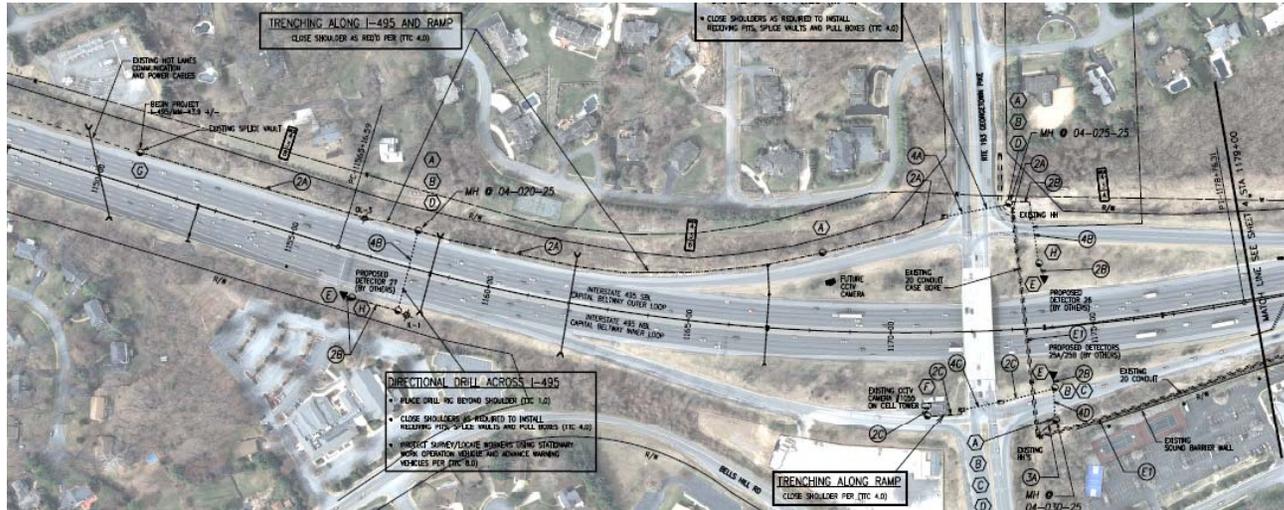
- Match the lane configuration, including the 12' lane locations, as shown in the RFP Conceptual Plans
- Left shoulder no less than 2.5'
- Vertical clearance Design Waivers – Georgetown Pike and Old Dominion Drive over pass (included in the RFP Information Package)
- Design Exceptions – Reduced NB Lane and Shoulder Widths/ SB Inside Shoulder Width at Sign Structures/ Horizontal Sight Distance (obtained by VDOT)

## Key Elements – Hydraulics Design



- Shoulder-use lane - Maximum design spread width shall be the shoulder width plus three (3) feet throughout
- Preliminary spread computations are included in the Drainage Report
- For the purpose of developing the Price Proposal, the Offeror shall assume that the drainage pipes and culverts within the Project limits which are a functional element of the proposed final drainage design, are in a serviceable condition.

## Key ITS Elements



- Lane Control System, Advance DMS, Incident Detection System, CCTVs and Loop Detectors
- Existing Fiber between Northern terminus of Express Lanes and American Legion Bridge (Plans included in the RFP Information Package)
- Testing and Coordination with VDOT Northern Region Operations (NRO) and/or VDOT's representatives

## MOT/ Traffic Control

| Roadway Lane and Shoulder Closure Restrictions    |  |  |  |
|---|--|--|--|
| Permitted Hours                                   |  |  |  |
| Roadway   | Single-Lane Closures   | Double-Lane Closures   | Complete Road Closure*   |
| I-495 including interchanges and associated ramps | M, Tu, W, Th<br>9:30 a.m. to 3:00 p.m.<br>9:30 p.m. to 5:00 a.m.<br>Friday<br>9:30 a.m. to Noon<br>10:00 p.m. to 9:00 a.m.<br>Saturday<br>9:30 p.m. to 9:00 a.m.<br>Sunday<br>9:30 p.m. to 5:00 a.m. | M, Tu, W, Th<br>11:00 p.m. to 5:00 a.m.<br>Friday<br>10:30 p.m. to 7:00 a.m.<br>Saturday<br>10:00 p.m. to 9:00 a.m.<br>Sunday<br>10:00 p.m. to 5:00 a.m. | M, Tu, W, Th<br>11:00 p.m. to 5:00 a.m.<br>Friday<br>11:00 p.m. to 7:00 a.m.<br>Saturday<br>11:00 p.m. to 9:00 a.m.<br>Sunday<br>10:00 p.m. to 5:00 a.m. |
| Other Roadways                                    | M, Tu, W, Th<br>9:00 a.m. to 3:00 p.m.<br>9:00 p.m. to 5:00 a.m.<br>Friday<br>9:00 a.m. to Noon<br>9:30 p.m. to 9:00 a.m.<br>Saturday<br>9:30 p.m. to 9:00 a.m.<br>Sunday<br>9:30 p.m. to 5:00 a.m.  |  | M, Tu, W, Th<br>11:00 p.m. to 5:00 a.m.<br>Friday<br>11:00 p.m. to 7:00 a.m.<br>Saturday<br>11:00 p.m. to 9:00 a.m.<br>Sunday<br>10:00 p.m. to 5:00 a.m. |

- High Traffic Volume Corridor – Important to follow Lane Closure restrictions
- Lane Rental Fees
- Work in close coordination with 495 Express Lanes

## Contract Documents

### Five Parts:

- Part 1 – Instructions for Offerors
- Part 2 – Technical Requirements
  - RFP Information Package
- Part 3 – Lump Sum Agreement
  - Exhibit 1 to Part 3
- Part 4 – General Terms & Conditions
- Part 5 – Division I Amendments

Since this project is Single Phase, please monitor the APD RFP website for any addendums or additional information:

<http://www.virginiadot.org/business/request-for-proposals.asp>

# Part 1 – Instructions to Offerors

## Introduction

(Section 1.0)

- Project Priorities –
  - Cost - Best price for scope of work identified in RFP
- Estimated Contract Value - \$15,101,000

## Procurement Overview

(Section 1.1)

- Single-Phase Low-Bid
- Responsive Bidder with lowest Proposal Price within VDOT's budget will be awarded the contract
- Bidders must meet minimal qualifications

# Procurement Schedule & Project Milestones (Part 1, Section 2.4)

|                               |          |
|-------------------------------|----------|
| Pre-proposal Meeting          | 02/12/14 |
| RFP Questions Due to VDOT     | 02/19/14 |
| VDOT Response to Questions    | 02/26/14 |
| LOS/Price Proposal Due Date   | 03/12/14 |
| Open LOS/Price Proposals      | 03/14/14 |
| Notice of Intent to Award     | 03/21/14 |
| CTB Approval/ Notice to Award | 04/16/14 |
| Contract Execution            | 05/07/14 |
| Notice to Proceed             | 05/19/14 |
| Interim Milestone             | 12/31/14 |
| Final Completion              | 03/31/15 |

## Procurement Schedule & Project Milestones (Part 1, Section 2.4)

- Interim Milestone – all paving, striping, dynamic message signs, overhead lane control system, ITS devices and systems, ATM field device and software integration and preliminary Acceptance Testing, signs associated with the shoulder operation, drainage, concrete barrier and pier protection, and other required items completed, accepted, and fully operational; and the shoulder use lane opened to traffic.

# Contents of Proposals (Part 1, Section 4.0)

- Letter of Submittal (Section 4.1)
- Attachments to the Letter of Submittal (Section 4.2)
- Price Proposal (Section 4.3)
- Post Notice of Intent to Award Submittals (Section 4.4)

## Letter of Submittal (Part 1, Section 4.1)

- C-78-RFP -Acknowledgment of RFP
- Declare the Offeror's intent to enter into a contract with VDOT and that the offer will remain in effect for 120 days
- Identify the Point of Contact for the Offeror
- Identify the Principal Officer for the Offeror
- Identify the Lead Contractor and Lead Designer
- Commit to achieving a 11% DBE Goal
- Provide Interim Milestone and Final Completion dates

## Attachments to the Letter of Submittal (Part 1, Section 4.2)

- Affiliated and Subsidiary Companies
- Debarment Forms
- VDOT Prequalification Certificate
- Letter of Surety
- SCC and DPOR Registration Information for Businesses
- Work History Forms for Lead Contractor and Lead Designer

# Attachments to the Letter of Submittal (Part 1, Section 4.2)

- Conceptual Roadway Plans
  - Lane widths
  - Shoulder widths
  - Minimum pavement sections
  - Locations of full depth pavement and milling and overlay
  - Locations of joint repair
  - Cross slopes
  - Plan location of all signs
  - Conceptual layout for ITS devices

Offeror's Conceptual Plan must meet RFP requirements to be responsive

## Price Proposal (Part 1, Section 4.3)

- Proposal Price specified as a Lump Sum Amount
- Asphalt, Fuel and Steel Adjustments
- Proposal Guaranty (Form C-24)
- Sworn Statement Forms
- Applicable DBE Forms
  - **Make sure DBE forms are complete and accurate!!**
  - **Providing inaccurate DBE information or incomplete forms may render a Proposal non-responsive.**

# Post Notice of Intent to Award Submittals (Part 1, Section 4.4)

- Organizational Chart and Narrative
- Identify Offeror's Key Personnel
  - Design-Build Project Manager
  - Quality Assurance Manager (PE)
  - Design Manager (PE)
  - Construction Manager (RLD and ESCCC)
  - Electrical / ITS Supervising Technician
- SCC and DPOR Registration Information for Individuals
- DBE Subcontracting Narrative
- Proposal Schedule and Narrative
- Schedule of Items
- Monthly Payment Schedule
- Escrow Proposal Documents

# Parts 3, 4 and 5 – Standard Template Documents and Exhibit 1 to Part 3

- Liquidated Damages (Part 3, Article 5.6)
  - Interim Milestone- \$20,000/day
  - Final Completion - \$3,100/day
  
- Scope Validation (Part 4, Article 2.2)
  - Begins on Date of Commencement and lasts for 60 days
  - Verify and Validate RFP Documents provided by VDOT
  - Identify Errors, Inconsistencies or Defects in the RFP
  - Notify VDOT in Writing and with Supporting Documentation within Time Period

# Parts 3, 4 and 5 – Standard Template Documents and Exhibit 1 to Part 3

- Builder's Risk Insurance (Part 5, Section 103.06)



## VDOT Point of Contact

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