



Multiple Culvert Rehabilitation Projects Region 1 & Region 2 Information Session

November 24, 2008

David Steele, PE – IPD Program Manager

Deborah Mangiaracina, PE – Project Manager

Topics

- **Project Overview**
- **Project Milestone Schedule**
- **Procurement Overview**
- **Contents of the Proposal**
- **Questions / Answers**

Project Overview (Part 1 - Section 2.1)

- **The two (2) Contracts consist of individual culvert replacements and rehabilitations at various crossings throughout the Commonwealth. The locations of the culverts to be rehabilitated or replaced are in multiple Districts and carrying multiple types and classifications of roadway.**

Project Overview (Part 1 - Section 2.1)

The scope of work should generally consist of, but not limited to the following:

- **Culvert rehabilitation**
 - invert repair or
 - installing a pipe liner system
- **Culvert replacement**
 - replacing corrugated metal pipe with concrete pipe
 - concrete box culvert
 - pavement reconstruction
 - installation of guardrail and terminals
 - pavement markers

Project Milestone Schedule (2.6)

Advertise RFP	10/10/08
Pre-Proposal Meeting with Offerors	10/24/08
RFP Questions due to VDOT	11/07/08 (4:00 PM)
VDOT Responses to RFP Questions	11/28/08 (4:00 PM)
Letter of Submittal/Price Proposal/Escrow	01/21/09 (4:00 PM)
Open Price Proposals	01/23/09
Notice of Intent to Award	01/30/09
CTB Approval / Notice to Award	03/19/09
Design-Build Contract Execution	04/02/09
Notice to Proceed	04/16/09
Substantial Completion	07/25/11
Final Completion	07/25/11

Procurement Overview (Part 1 - Section 2.3)

- **VDOT will use a single-phase selection process for the selection of a Design-Builder on the Project.**
- **Offerors will submit a Proposal consisting of a Letter of Submittal and Price Proposal in accordance with the RFP.**

Proposal (Part 1- Section 4.0, 5.0)

- **Letter of Submittal** (Section 4.1)
 - **Requirements**
- **Price Proposal** (Section 5.1)
 - **Requirements**

Due on January 21, 2009

RFP Questions (Part 1 – Section 6.0)

- All questions and request for clarifications shall be submitted in writing.
- You may ask questions at this meeting – the last date questions will be accepted is **November 7, 2008**.
- Responses will be posted on VDOT's RFP website on **November 28, 2008**.

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

Award of the Contract

The responsive and responsible Offeror submitting the lowest priced proposal for the project will be recommended for award.

VDOT Point of Contact

- **David A. Steele, P.E.**
Innovative Project Delivery Division
1401 East Broad Street
Richmond, Virginia 23219
Phone: 804.371.6787
Fax: 804.786.7221
E-mail: david.steele@VDOT.Virginia.gov

Technical Overview

Deborah Mangiaracina, P.E.
VDOT Project Manager

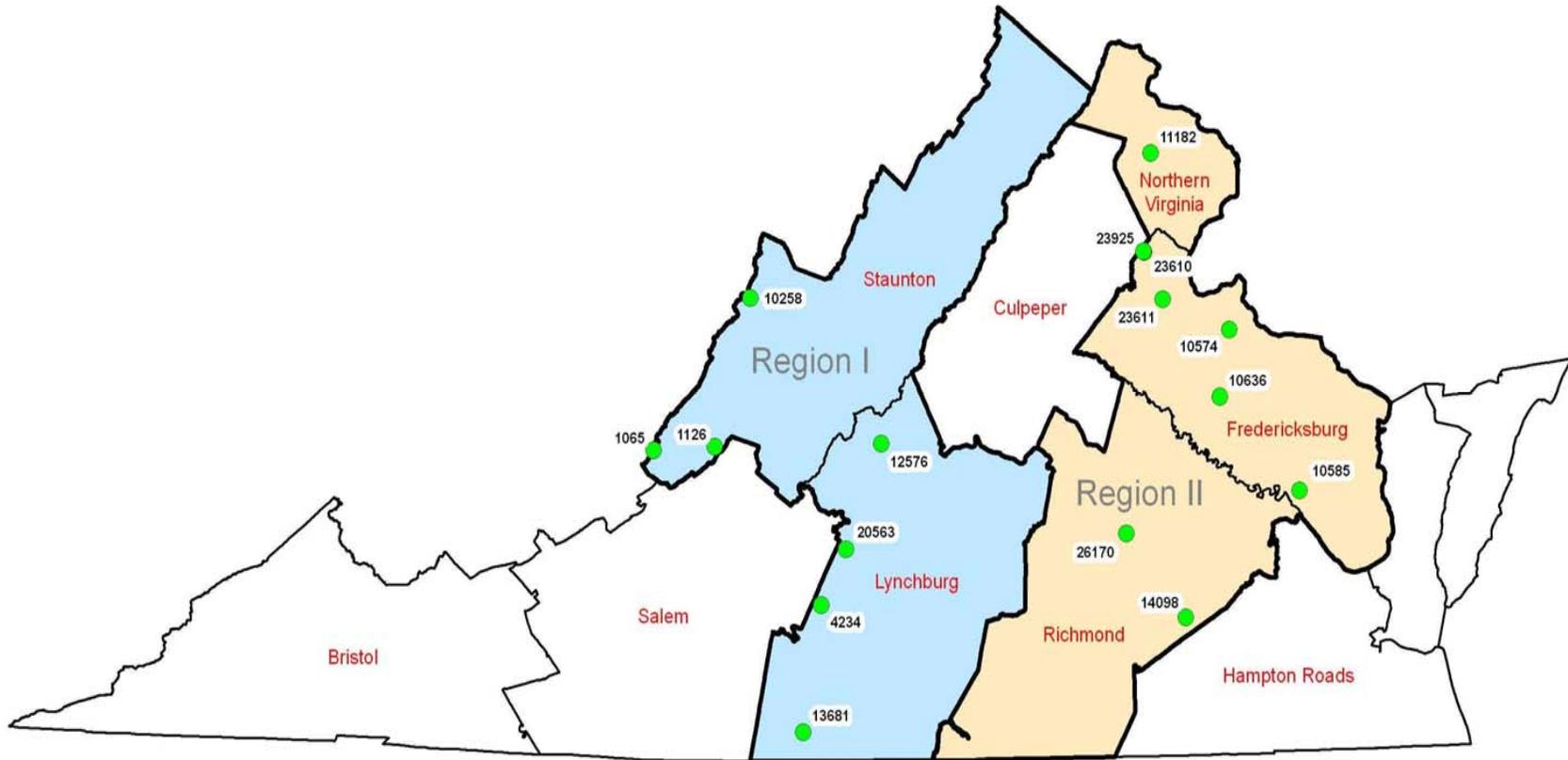
Topics

- **Project Overview**
- **Project Locations**
- **RFP Information Package**
- **Project Scopes**

Project Overview

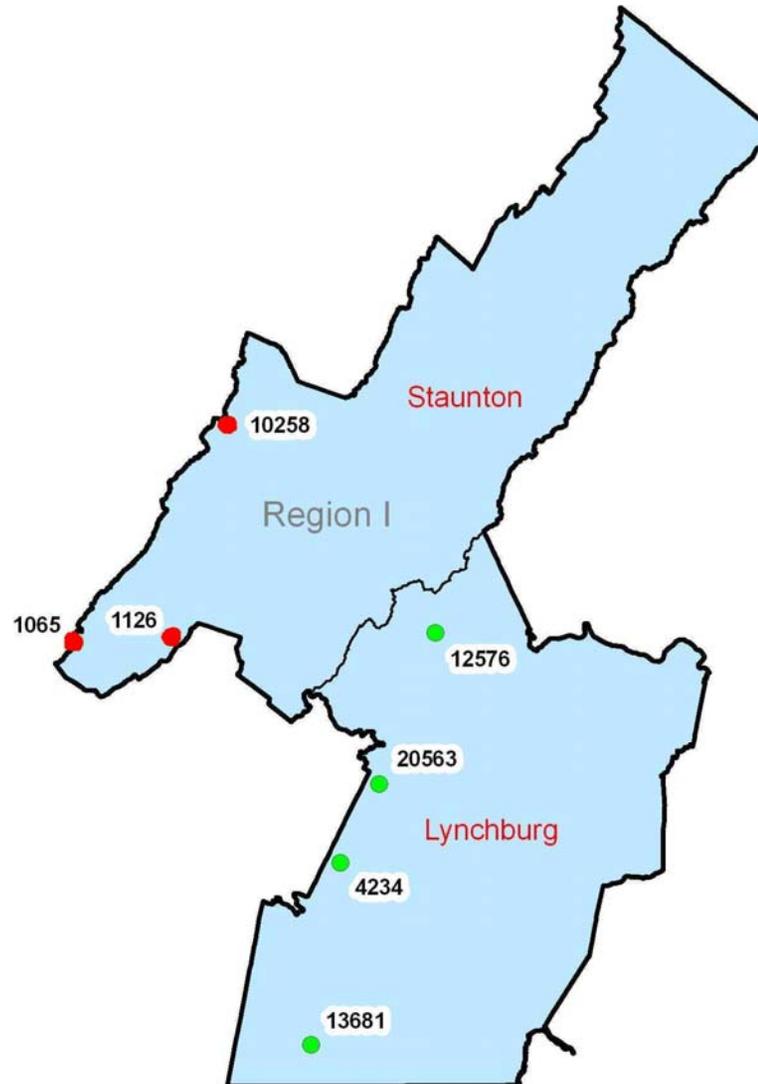
- **Culvert Rehabilitation and Replacement**
- **No Plans Developed**
- **No Existing Geotechnical Reports Or Data**

Project Locations



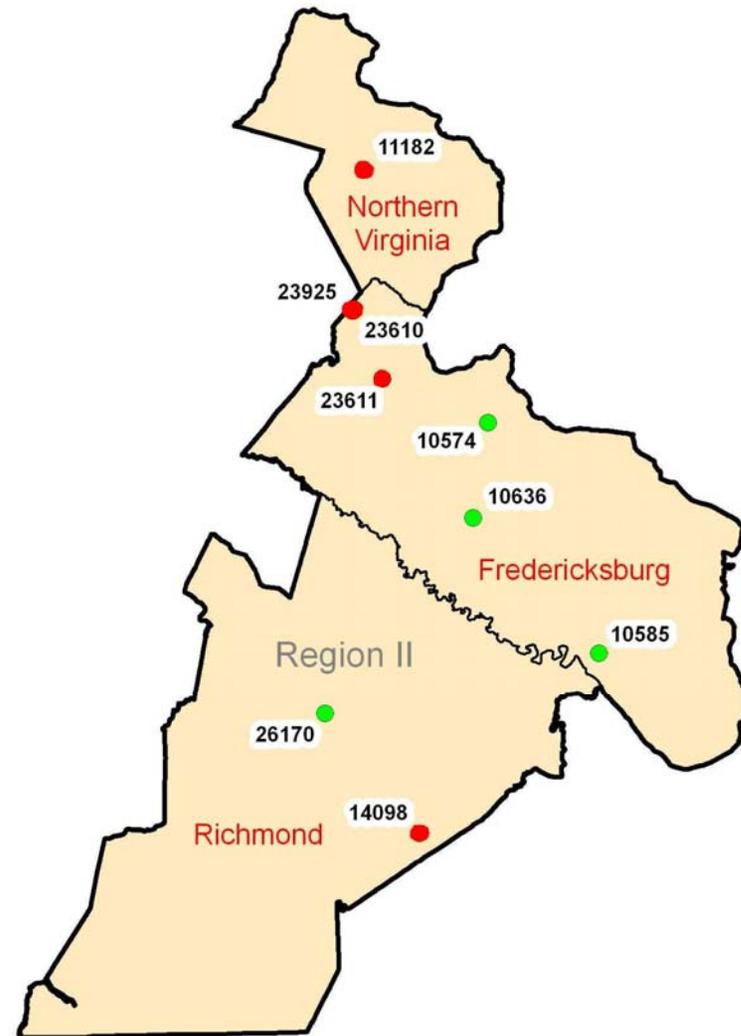
Project Locations – Region I

- Three Replacements in Staunton District
- Four Rehabilitations in Lynchburg District



Project Locations – Region II

- Five Replacements
- Four Rehabilitations



RFP Information Package

- **Individual Project Scopes**
- **Inspection Reports**
- **Project Location Maps**
- **Environmental Documents**

Project Scopes

Culvert Type	Elliptical Corrugated Metal Pipe
Lines	Four lines, 6'-0" W x 3'-8" H
Barrel Length	36'-0"
Lanes	Two
Year of Construction	1977
Approach Type	Asphalt
ADT	432
Proposed TMP Category	2
Utility Contacts	Utility relocations are required for this replacement project. The contacts are as follows: Dominion Va. Power 2501 Grayland Avenue Richmond, Va. 23220 Mrs. Robin Massanopoli (804) 257-4708
Permits	NO
Additional ROW Req'd?	NO
Staging	Close Road
Proposed Work Type	Culvert Replacement
Proposed Culvert Type	Concrete Box Culvert
Proposed Guardrail Type	GR-2
Work Description	The culvert shall be replaced with a concrete box culvert. There is 2 ft of fill over pipes. Replace both approaches in accordance with Part 2.

Environmental Documents

- **Programmatic Categorical Exclusions**
 - **Environmental Certification Forms**
- **Compliance with these Environmental Commitments**
- **Changes in project scope or footprint may necessitate additional studies and coordination at the Offeror's expense**

Hydraulics

- All work is expected to have no impact on roadway elevations and no reduction in hydraulic capacity
- Reductions in hydraulic capacity shall result in the Design Builder completing a hydraulic analysis in accordance with VDOT standards

Geotechnical

- No existing geotechnical data
- No anticipated geotechnical investigation

Right of Way

- **No Additional ROW Anticipated**

Utility Relocation

- **Offeror responsible for utility coordination**
- **Power, communication and water involved**

Guardrail

- **Guardrail for replacement projects are to be brought to current standards within project limits**
- **Transition to existing guardrail beyond the project limits**

Project Limits

- **The project limits are defined as 50 feet beyond the limits of excavation along roadway**

Quality Assurance / Quality Control

- **QA/QC Plans for Design and Construction**
- **Minimum Quality Assurance and Control Requirements for Design-Build and PPTA Projects (August 2007)**
- **Offeror has total QA/QC Responsibility**
- **Offeror's QAM shall report directly to DB Project Manager**
- **Project Recordkeeping (S2.10.2 of Part 2)**

Questions ?