



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.  
COMMISSIONER

RICHMOND DISTRICT  
2430 Pine Forest Drive  
COLONIAL HEIGHTS, VA 23834  
[www.VDOT.Virginia.gov](http://www.VDOT.Virginia.gov)

September 5, 2019

Project #: 0295-043-956, B632

Order #: B42

Time Started: 10:00AM Wednesday, September 4, 2019

Required Attendance: Yes

### MEMORANDUM

TO: Harold Caples

RE: Required Project Showing

On September 4, 2019 the captioned project was shown to potential bidders in accordance with the guidelines of IMM-CD-2013-05.01. Attached are the minutes of the showing and the attendance sheet indicating the interested parties present. Provided below are a summary of the questions and points of clarifications.

You will note we were unable to answer the following question and your assistance in providing information to the potential bidders is requested:

Q1: What is current wrap material on the stay cables?

The following questions were asked and answers were provided:

Q1: Is the MB-11A required to be pinned/bolted down and is the depth of the post tensioned strands low enough not to be in conflict with the pins/bolts?

A1: Yes and refer to notes on plan sheet C-1C(1) regarding non-destructive methods to locate post tensioned strands.

Q2: Are there any Temperature Restrictions for installing the wrap on the cable stays?

A2: Refer to the the Special Provision which references the manufacturer recommendations that shall be followed.

The following items were discussed and will require an addendum:

#1: The measurement and pay for the Stay Cable Wrap as defined on page 115 of the proposal, will be paid for the by the linear foot of the cable required to be wrapped, not the linear foot of the wrap required. The linear foot of cable is provided in the plans on sheet 6.

#2: On page 113 of the proposal the stay cable wrap color shall be changed to the color FED-STD-595-35095. In addition, on page 114 of the proposal the Galvanized steel banana pipes Coating System color shall be changed to FED-STD-595-35095.

If you have any additional questions please contact me at 804-892-5076.

Thank you,

Robert Poutier, P.E.

Area Construction Engineer

VDOT Richmond District – Central Region

Cell: (804) 892-5076

[Robert.poutier@vdot.virginia.gov](mailto:Robert.poutier@vdot.virginia.gov)

CC:

Scott Chapman, P.E. (Asst. Location and Design Engineer)

Shane Mann, P.E. (District Construction Engineer)

John Rogers (Construction Manager)

Alan Johnson, P.E. (District Structure & Bridge)


Tre Hall (Project Manager)



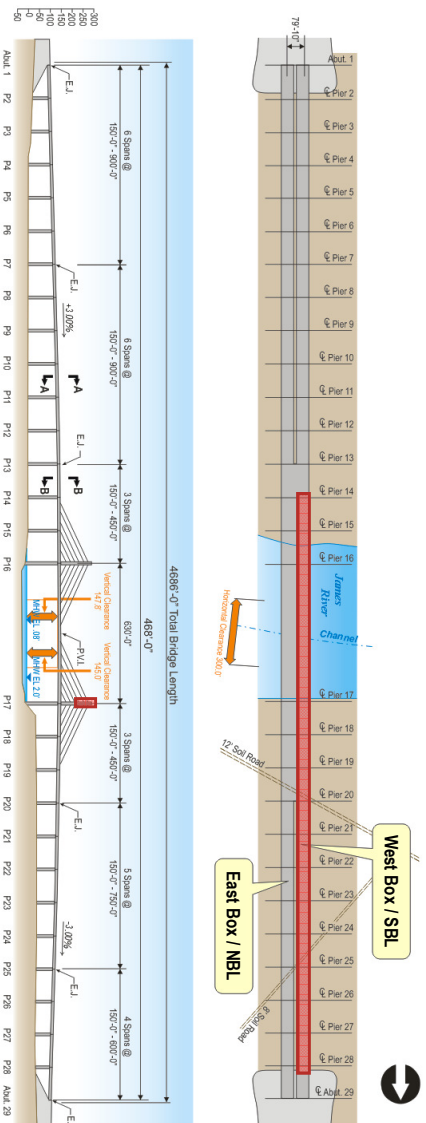
**Varina-Enon Bridge  
Stay Cable Rehabilitation, Diaphragm and  
Interior Pylon Crack Injections  
September 4<sup>th</sup>, 2019**

**Scope of Services**

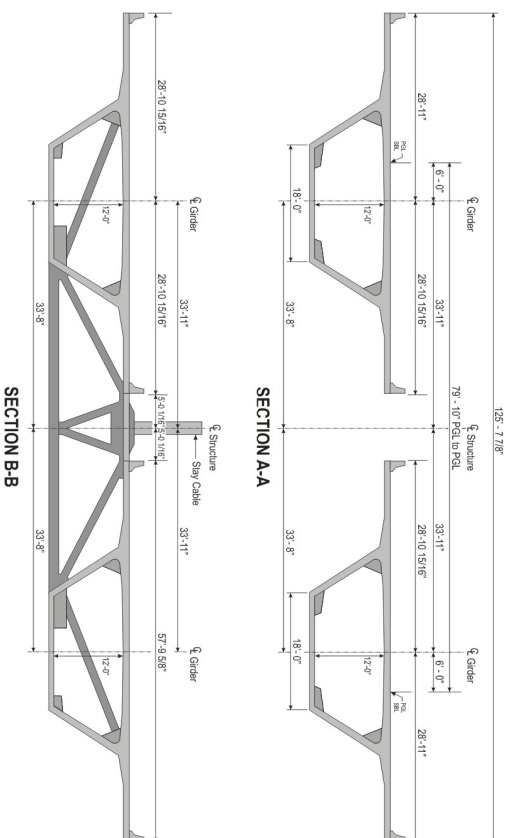
- Stay Cable Re-Taping
- Stay Cable PE Pipe Repairs
- Stay Cable Boot and Damper
- Cleaning and Coating Steel Pipes
- SBL Box Girder Pier Segment Diaphragm Crack Injections
- Pylon 17 Interior Face Crack Injections



# Varina-Enon Bridge



# Typical Sections



**Stay Cable Rehabilitation**

- Stay Cable Wrap



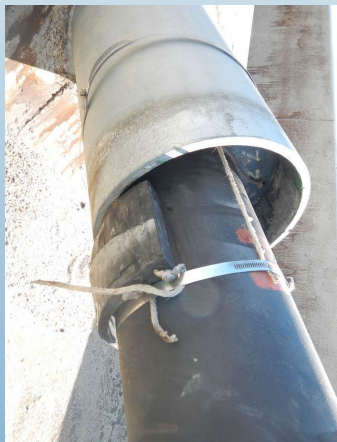
**Stay Cable Rehabilitation**

- Stay Cable Wrap



### Stay Cable Rehabilitation

- Neoprene Boot Replacement and Damper Resetting and Replacement



### Banana Pipe and Guide Pipe Coating

- Coating
  - Spot coat guide pipes - silver
  - Banana pipes in pylon - color to match the stay cable wrap



## Interior Access

➤ Pylons



➤ South Abutment



## Pier Diaphragm Crack Injection

➤ Crack injection

- Limited to SBL box girder diaphragms
- Piers 14 to 28
- Per VDOT Specifications, Section 412
- Crack widths 0.010 inches or greater



### Pylon Interior Access

- PT bar tendons



### Pylon Crack Injection

- Crack injection
  - Pylon 17 Upper Segments Per VDOT Specifications, Section 412
  - Crack widths 0.010 inches or greater









# I-295 VARINA-ENON BRIDGE OVER JAMES RIVER CABLE STAY DUCT

Mandatory Showing for Potential Bidders

Scott Chapman, Alan Johnson, Robert Poutier

September 4, 2019

## Meeting Register and Rules

- Sign-in sheet (Form C15) prior to starting the dialog
- Only those listed on the sign-in sheet will be allowed to bid on the project.
- An attendee will be permitted to represent more than one firm only when the firms represented are affiliated. The attendee must sign for each firm he or she represents.
- Critical Infrastructure Information Form Verification
- For the Department to accept a bid, the bidder or their representative must be present from the beginning to the conclusion of the showing.



Virginia Department of Transportation

## Meeting Register and Rules

- A tour of the project site is mandatory, at which the names of the eligible firms will be read to confirm attendance of the entire showing. At the end of the showing, the Department's representative will read the names of the bidders present and announce that these firms will be the only companies eligible to bid.
- Any bidder's representative who leaves prior to the conclusion of the showing will be stricken from the register and the reason so noted in the minutes.



## Schedule for Project Showing

- |                   |                           |
|-------------------|---------------------------|
| 10:00am – 11:00am | Project Presentations     |
| 11:00am – 11:30pm | Q/A Session               |
| 11:30am           | Depart for Site Visit     |
| 12:00pm – 3:00pm  | Site Visit                |
| 3:00pm            | Return to VDOT TOC        |
| 3:30pm – 4:30pm   | Q/A Session – End Showing |



## **VDOT Team Introductions**

- **Construction Team:**      **Robert Poutier, PE (ACE)**  
   **John Rogers (CM)**
- **VDOT Safety Manager:**    **Reginald Patterson**
- **Project Manager:**         **Scott Chapman, PE**
- **District S&B:**                **Alan Johnson, PE**
- **Bridge Consultant:**         **Tony Ledesma, PE (WSP)**



## **Contract Overview**

- **Let Date: 9/25/19**
- **Completion Date: 7/13/20**
- **Early Completion Incentive: \$1,000 for each Calendar Day the Contractor completes the Work prior to the Completion Date; capped at \$30,000**
- **Liquidated Damages: \$1,000 for each calendar day beyond the completion date.**
- **DBE Requirement: 2%**



## **Contract SPcN & SP**

- **Stay Cable Monitoring Instrumentation Coordination**



## **Scope of Work**

- **MOT: SB & NB Left lane closures**
- **Coast Guard Notification Requirement per plans**
- **WSP Presentation**

**\*\*No Modifications to the plans or contract will be made based on discussions in this meeting.**



## **End of Project Showing Notes**

- **Question and answer period. Make sure to have all questions and any answers recorded. Questions that require a response from the State Contract Engineer must be readily identifiable in the minutes.**
- **A copy of the minutes will be sent to them within five days.**
- **All future questions and responses to use the CABB system on the Construction and Maintenance website.**

**Thank you for attending!**



COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION

PROJECT SHOWING ATTENDANCE SHEET

CONTRACT ID. NO.: 2 C000114208B3 PROJ. NO.: 0295-043-956,B632 AREA CONSTRUCTION ENGINEER: Robert Poutier  
 ROUTE: 0295 COUNTY: Chesterfield, Henrico DATE: September 4, 2019  
 DISTRICT: Richmond CONSTRUCTION AREA: Central Region TIME: 10:00AM

Suppliers; did not perform site visit

REPRESENTATIVE	COMPANY	COMPANY ADDRESS	EMAIL ADDRESS	PHONE NUMBER
Kevin Higgins	Eschid Chemica 1	Chastanoke VA	khiggins@eschid.com	804-890-5070
Hunter Hells	Whitlock Bros	4801 Bunker Ave, 2307	hunter@whitlockbros.com	757-694-336
M. Holly Bunting	Bunleigh Construction	P.O. Box 789 Concord Va 2408	mbunting@bunleighconstruction.com	434-993-2214
Adam Bartram	Freyssinet, Inc.	44500 Falmale Place <sup>Suite 100</sup> Sterling VA 20154	adam.bartram@freyssinet.com	703-568-5904
CHRIS PUTER	COBMAN ENGINEERING	16500 HAPPY TRAIL RD COVENTRY HTS VA 23034	cp@cobmanengineering.com	804-429-9400
MARK McCoy	DSI	320 W. ZIMMERMAN DR ROLVING BROS, IL 60440	MARK.MCCOY@DSIINTERIA.COM	540-209-6086
Jason Casarelle	DSI	11	jason.casarelle@dsiinteria.com	630-248-4972
Joe Furgal	Vector Construction	2524 Main Ave West Fargo, ND 58079	joef@vector-construction.com	204-471-6291

15 mins late

(Continued)

