



State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

PRE-BID MEETING AGENDA

Date: December 18, 2018
To: File
From: Julio Seneus
Subject: NVF- Auburn Heights Preserve
Farm Lane Bridge & Snuff Mill Bridge
Contract No.: 2018-NVF-100
Project No.: NVF-11
Meeting Date: December 18, 2018
Location: Center for the Creative Arts

ADMINISTRATIVE:

Sign-In Sheet: Please make sure to fill out the sign in sheet, otherwise you will not be considered in attendance and will not be permitted to submit a bid.

Questions during Bidding: All questions shall be submitted via email to Cindy.Todd@state.de.us. Last Day for Questions shall be January 4, 2018 (2:00 PM) any questions received after this time will not be addressed. Questions will be answered via Addendum. Phone calls will not be replied to.

Bonds: Bid bond is required and is required to be submitted with your bid. Bond forms are included in the bid package Performance and Payroll bonds will be required for the work. Bond forms are included in the bid package and will be required upon notice of award of the contract, along with a certificate of insurance.

Wages/Payroll: Prevailing wage and payroll reporting are applicable to this project. The project determination is Highway Construction.

Bids Due: **Wednesday, January 9, 2019 at 2:00 PM** Local Time. Any bid received after the stated time will be returned unopened. Bids shall be accepted by overnight mail, or in person at DNREC – Division of Parks and Recreation, 89 Kings Highway, Dover DE 19901.

Sealed Bids shall be addressed to the following address, the outer envelope shall clearly indicate "**DNREC CONTRACT NO. 2018-NVF-100, SEALED BID – DO NOT OPEN**".

Sealed Bids shall be addressed to the following address:

Dept. of Natural Resources & Environmental Control
Division of Parks and Recreation
Office of Design and Development
89 Kings Highway, Dover DE 19901
Attn: Cindy A. Todd, RLA. Phone Number: 302-739-9210

Bids will be opened and read aloud in the DNREC Auditorium.

Farm Lane Bridge & Snuff Mill Bridge Abutments

Unit Prices: A total of two (2) Unit Prices are required for this project:

- Unit Price No. 1 – ASTM D1143 - Standard Test Methods for Deep Foundations Under Static Axial Compressive Load.
- Unit Price No. 2 –Snuff Mill Bridge Pier and Abutment.

On-Site Superintendent: The contractor shall designate a superintendent who shall be on site for the duration of the project.

Completion of Work:

- Notice of Contract Award: Within thirty (30) days of receipt and acceptance of qualified low bid.
- Purchase Order Issuance: The issuance of a State of Delaware purchase order is contingent upon the successful Contractor submitting bonds on State-approved forms, signed contracts and insurance certificates to the State of Delaware within 20 days of Notice of Award. A purchase order will be issued in approximately thirty days after these items have been submitted to the State of Delaware.
- On-Site Mobilization: Upon receipt of State of Delaware purchase order.
- Substantial Completion: The work shall be completed **270 calendar days** from on-site start of work.
- Completion of Punch List: 21 days from date of substantial completion.

Shop Drawings: All shop drawings and Source of Supply documents will be submitted electronically to the project to the project manager. The contractor will designate a point of contact for access. The project team will have 15 days to review and respond to all shop drawings and Source of Supply documents. Please consider this when making submissions and scheduling the work.

Successful Bidder will be expected to enter into a Standard A101-2007 Agreement between Owner and Contractor.

SCOPE OF WORK:

Base Bid: Construction of reinforced concrete piers for two restored truss bridges; the first at Farm Lane, and the second at 200 Gun Club Road, Yorklyn, Delaware. Included will be provisions for service for future electric, water, sanitary sewer, and communication utilities. Work will also include stormwater management as shown on the plans. Setting the truss bridge superstructures will be By Others but shall be coordinated with the Contractor.

Alternates:

- Alternate 1: ASTM D1143 - Standard Test Methods for Deep Foundations Under Static Axial Compressive Load. Please note, this Alternate is for the elimination of this work from the Base Bid.
- Alternate 2: Snuff Mill Bridge Pier and Abutment.

Pre-Bid Meeting Discussions

- This work is only for the construction of the piers to support the main span of the bridges. Bridges consist of restored, historic truss bridges that will be set on the piers by the State Parks subcontractor with coordination by the Contractor. Work will not include approach spans or bridge abutments.
- Walt noted that Farm Lane is used by residents beyond the construction site and must be kept open to these individuals. State Parks will close this section of the park to visitors allowing the Contractor to utilize the adjacent parking lot and adjacent areas for lay-down

and stockpile areas.

- Due to pending permits from the County, Farm Lane Bridge is to be constructed before the Snuff Mill Bridge.
- Piles for the Farm Lane Bridge have already been purchased by State Parks and are on site at the Farm Lane location. Contractors are not to include the material cost of the piles in their bids.

CONSTRUCTIONS DRAWINGS REVISIONS

- None

SPECIFICATIONS REVISIONS

- 00 01 10 TABLE OF CONTENTS
 - Removed Section 01 22 00 – Unit Prices (Not Used).
 - Added Section 60 25 49 – Form Liners.
 - Added Section 60 25 88 – Anti-Graffiti Coating.
- 00 41 13 BID FORM
 - Added Subcontractors List Categories.
- Please note, Section 01 23 00 – Alternates: Alternate No. 1: ASTM D1143 – Standard Test Methods for Deep Foundations Under Static Axial Compressive Load is considered a DEDUCT from the Base Bid.

Specifications for this project are arranged in accordance with the Construction Specification Institute numbering system and format. Section numbering is discontinuous and all numbers not appearing in the Table of Contents are not used for this Project.

DOCUMENTS BOUND HEREWITH

Division	Section Title	Pages
SERIES 0 - PROCUREMENT AND CONTRACT REQUIREMENTS		
00 01 10	TABLE OF CONTENTS	
00 01 15	LIST OF DRAWINGS	2
00 11 16	INVITATION TO BID	2
00 21 13	INSTRUCTIONS TO BIDDERS	14
00 41 13	BID FORM	6
00 43 13	BID BOND	2
00 52 13	STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR A101-2007	2
00 54 13	SUPPLEMENTARY CONDITIONS TO THE CONTRACT	9
00 61 13.13	PERFORMANCE BOND	2
00 61 13.16	PAYMENT BOND	2
00 62 76	APPLICATION OF PAYMENT (SAMPLE AIA G702 & G703)	2
00 6277	BUY AMERICAN	2
00 72 13	GENERAL CONDITIONS TO THE CONTRACT (AIA A201)	2
00 73 13	SUPPLEMENTARY GENERAL CONDITIONS	10
00 73 46	DELAWARE DEPARTMENT OF LABOR PREVAILING WAGE RATES	2
00 81 13	GENERAL REQUIREMENTS	16
00 81 14	DRUG TESTING FORMS	2
DIVISION 1 - GENERAL REQUIREMENTS		
01 10 00	SUMMARY	6
01 14 00	WORK RESTRICTIONS	2
01 22 00	UNIT PRICES	2
01 30 00	ALTERNATES	2
01 24 00	PERMITS	2
01 25 00	CONTRACT MODIFICATION PROCEDURES	2
01 29 00	PAYMENT PROCEDURES	4
01 31 00	PROJECT MANAGEMENT AND COORDINATION	4
01 31 50	FIELD ENGINEERING	2
01 32 00	CONSTRUCTION PROGRESS DOCUMENTATION	4
01 32 23	PHOTOGRAPHIC DOCUMENTATION	2
01 33 00	SUBMITTAL PROCEDURES	10
01 40 00	QUALITY REQUIREMENTS	8
01 42 00	REFERENCE STANDARDS AND DEFINITIONS	4
01 50 00	TEMPORARY FACILITIES AND CONTROLS	4
01 56 00	ENVIRONMENTAL PROTECTION	4
01 56 39	TEMPORARY TREE AND PLANT PROTECTION	3
01 60 00	PRODUCT REQUIREMENTS	10
01 73 00	EXECUTION REQUIREMENTS	6
01 73 29	CUTTING AND PATCHING	4

01 74 19	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	6
01 77 00	CLOSEOUT PROCEDURES	6
01 78 39	PROJECT RECORD DOCUMENTS	4

DIVISION 2 – EXISTING CONDITIONS

02 41 19	SELECTIVE DEMOLITION	6
----------	----------------------	---

DIVISION 3 - CONCRETE

DIVISION 4 - MASONRY

DIVISION 5 - METALS

DIVISION 6 – WOOD, PLASTICS AND COMPOSITES

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

DIVISION 8 - OPENINGS

DIVISION 9 - FINISHES

DIVISION 10 - SPECIALTIES

DIVISION 11 - EQUIPMENT

DIVISION 12 - FURNISHINGS

DIVISION 13 - SPECIAL CONSTRUCTION

DIVISION 14 - CONVEYING SYSTEMS

DIVISION 22 - PLUMBING

DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING

DIVISION 26 – ELECTRICAL

DIVISION 27 – COMMUNICATIONS

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

DIVISION 31 – EARTHWORK

31 10 00	SITE CLEARING	4
31 20 00	EARTH MOVING	8
31 23 19	DEWATERING	2
31 50 00	EXCAVATION SUPPORT AND PROTECTION	4

DIVISION 32 – EXTERIOR IMPROVEMENTS

32 92 00	TURF AND GRASSES	6
----------	------------------	---

DIVISION 33 - UTILITIES

REFERENCED SPECIFICATIONS:

DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (AUGUST 2016, OR MOST CURRENT AT THE DATE OF ADVERTISEMENT)

60 25 49	FORM LINERS	4
60 25 88	ANTI-GRAFFITI COATING	2
61 00 01	PCC MASONRY, ABUTMENT FOOTING, CLASS A	
61 00 02	PCC MASONRY, ABUTMENT ABOVE FOOTING, CLASS A	
61 00 03	PCC MASONRY, PIER FOOTING, CLASS A	
61 00 04	PCC MASONRY, PIER ABOVE FOOTING, CLASS A	2

PLEASE NOTE THAT IN ALL REFERENCED SPECIFICATIONS, REFERENCES TO “THE DEPARTMENT” SHALL BE CONSIDERED AS REFERENCE TO “PARKS.” ALL TESTING REQUIREMENTS IN REFERENCED SPECIFICATIONS SHALL BE CONFIRMED WITH THE OWNER PRIOR TO COMPLETING SPECIFIED TESTING.

END OF TABLE OF CONTENTS

(THIS PAGE INTENTIONALLY LEFT BLANK)

602549 - FORM LINERS

Description:

This work shall consist of furnishing and placing form liners in accordance with these specifications and in reasonably close conformity with the lines, grades, and dimensions as shown on the Plans or established by the Engineer. Form release agents, form stripping methods, patching materials and construction procedures shall be mutually compatible with the surface finish and concrete stain to be applied.

Materials:

Simulated Stone Form Liners: Form liners shall be used which will result in the finish detail in the Plans and approved by the Engineer. Samples shall be submitted by the Contractor for approval by the Engineer. Form liners shall be a high quality reusable product manufactured of high strength urethane. The form liner shall attach easily to the forming system and shall not compress more than 0.021 ft when poured vertically at a rate of 10 ft/hr. The liners shall be capable of withstanding anticipated concrete pour pressures without leakage causing physical or visual defects. The liners shall be removable without causing concrete surface deterioration or weakness in the substrate. Single use form liners will not be acceptable for this project.

Form liner butt joints shall be carefully blended into the approved pattern and finished off the final concrete surface. There shall be no visible vertical or horizontal seams or conspicuous form marks created by butt joining form liners. The finished texture, pattern and color shall conform to the approved sample panel and shall be continuous without visual disruption. The Engineer may reject portion of the structure for failure to comply with these requirements. Rejected portions of the structure shall be completely removed from the project at no addition cost to the Owner.

Prior to each pour, the form liners shall be cleaned and free of build-up. Each liner shall be visually inspected for blemishes and tears. Repairs shall be made in conformance with the manufacturer's recommendations.

Form liners shall be securely attached to forms in conformance with the manufacturer's recommendations and with less than a ¼ in. seam.

For the patterns required, form liners shall have the capability of being turned 180 degrees to result in a minimum of twelve different pattern combinations. None of the individual combinations shall be repeated side by side. Wall panels shall be placed in vertical columns (stacks). The panels between adjacent stacks will be staggered vertically by 2' so that no horizontal joints between adjacent vertical stacks lines up.

Form or Wall Ties: When form or wall ties are used which result in a portion of the tie permanently embedded in the concrete, the Contractor shall submit the type of form ties to the Engineer for approval prior to use in this work.

Form Release Agent: The release agent shall be compatible with the surface finish and concrete stain to be applied. The release agent shall be applied in conformance with the manufacturer's recommendations.

Coloring and Surfacing Materials: The coloration of the simulated stone form shall be multi-colored, and hand applied to match the appearance, texture and the full range of colors present in the Sample Panels. These colors shall be approved by the Engineer and shall include a base color, heavy accent color, light accent color, speckling color, and joint color. The coloration of the sandblast shall be as selected by the Engineer.

Concrete Stain: The coloring agent shall be a penetrating stain mix, compatible color finish designed for exterior application on new or old concrete with field evidence of resistance to moisture, alkali, acid, mildew, mold and fungus discoloration or degradation. The coloring agent shall be breathable, allowing moisture and vapor transmission. Unless otherwise specified, two coats of concrete stain shall be applied in conformance with the manufacturer's recommendations and as directed by the Engineer. The Contractor shall stain all structures, as specified by the Engineer, in the field after they are completely constructed.

Construction materials shall maintain the following minimum standards:

- a. Plastic Mix (Grout):
 1. Adhesive Strength: 298 psi after 28 days (Sheer Bond Adhesion Testing Method)
 2. Freeze-Thaw Resistance: No cracks or delamination after 300 cycles (ASTM C-666 Method B).
 3. Accelerated Weathering: No visible defects (5000 hr. exposure).
 4. Salt Spray Resistance: No deterioration or loss of adhesion (300 hr. exposure).
 5. Absorption: 3 ½% maximum (ASTMC-67 testing method).
 6. Flexural Strength: Minimum 988 psi after 28 days (ASTM C-348).
 7. Compressive Strength: Minimum 4000 psi after 28 days (ASTM C-109).

- b. Penetrating Stain – Technical Data
 1. Mildew Resistance: In accordance with Fed Test Method STD. 144, Method 6271
 2. Weather meter: Base material tested in accordance with ASTM G-155, 1000 hours.
 3. Non Volatile Vehicle: 73.4% of total N.V.
 4. Viscosity: 58” 2KU.
 5. Solids content: 40.3%
 6. Form: viscous, opaque liquid
 7. Specific gravity: 1.17
 8. Weight solids: 40.3%
 9. Volume Solids: 29.5%
 10. LB/gallon: 9.8: low luster
 11. VOC: 170 g/l
 12. Viscosity (77 deg F): 58 RU “2
 13. Hardness: H-2H
 14. Abrasion resistance (Tabor/CF-10) 500 Cycles: 17 gram loss
 15. Gloss 60 deg: low luster
 16. Coverage: 250” ft/gallon
 17. Scrub Test (1000 revolutions): pass
 18. Ultraviolet Resistance QUV 1000”: no effect
 19. Alkaline Resistance: excellent
 20. Acid Resistance: good-excellent

Basis of Design Products

1. Formliner Type 1: Ashlar Pattern
Customrock Formliner Pattern #12005 Bearpath Coursed Stone
2. Formliner Type 2: Sandblast Pattern
Customrock Formliner Pattern #8002 Sandblast Coarse

Manufacturers

1. Customrock Formliner
2020 West 7th Street
St. Paul Mn 55116
800.637.2447
www.customrock.com

Representative:

Hunt Valley Distributors
3705 Crondall Lane
Owings Mills, Md 21117
Jason Sparks, General Manager

Office 410.356.9677
Cell 410.504.7860
jason@HuntValleyContractors.com

2. Symons by Dayton Superior
1125 Byers Road
Miamiburg, Oh 45342
973.866.0711
888.977.9600 (Find a Dealer)
www.daytonsuperior.com

3. Grenstreak Formliners
Sika Corporation
201 Polito Avenue 2
Lyndhurst, NJ 07071
1.800.933.SIKA
www.greenstreak.com

Representative:

DE Regional Representative: Bob Swope 804.347.3165
DE Sales Assistant: Patty Stover 215.295.6600

4. Spec Formliners Inc.
1038 E. 4th Street
Santa Ana, CA 92701
714.429.9500
www.specformliners.com

East Coast Sales: Carey Cornwell careycornwell@specformliners.com

Or approved equal.

Construction Methods:

Shop Drawings: Prior to beginning any work, representative shop drawings for the walls shall be provided. The shop drawings shall indicate the layout of the form liners and shall be drawn at a scale sufficient to show the detail of all stone and joint patterns. The form liner shall be patterned so that long continuous horizontal or vertical lines do not occur on the finished exposed surface. The line pattern shall be of a random nature and construction joints shall be visible. Particular attention should be given to details for wrapping the form liner around corners.

The shop drawings shall be submitted to the Engineer for review and approval. If necessary, the Contractor shall revise the shop drawings at no additional expense to the Owner until the proposed form liner patterns and arrangement receive the approval of the Engineer.

Sample Panels: Once the representative shop drawings have been approved, the Contractor shall then provide and erect on site, Sample Panels of the simulated stone masonry form liner patterns and coloration. The size of the Sample Panels shall be:

1. 4' height x 10' length x 8" thick, expansion joint, construction joint and integrally cast coping.
2. 2' height x 5' length x 8" thick transportable Sample Panel showing treatment for a typical surface shall be provided with a steel eye hook imbedded in the middle of the top side to support the lifting of the panel.

The location of the Sample Panels shall be readily visible from the proposed work and placed as approved by the Engineer. Approval of Sample Panels is required by the Engineer 10 working days prior to the start of the construction of the walls. The Sample Panels approved by the Engineer shall remain on the site as a basis for comparison for the work constructed on the project. These Sample Panels shall match the referee walls (texture, size, joint dimension, stone size and coloration) by all work constructed on the project. Any

Sample Panel rejected by the Engineer shall be moved from the project and a new Sample Panel submitted at no additional expense to the Owner.

The concrete finish resulting from the form liners shall be cured, patched, or sealed as determined by the Engineer. All patching material shall exactly match the color and appearance of the poured concrete surface.

Concrete surfaces outside the form liners shall meet the requirements of Section 602.

Special Surface Preparation: Work under this Section shall include surface cleaning preparation to assure the surface is free of all latency, dirt, dust, grease, efflorescence, paint and any foreign material prior to the stain application in accordance with the manufacturer's recommendations. The Contractor shall correct, at his/her own cost, any surface problems created as a direct result of the surface preparation methods used.

The Contractor is advised that sand blasting will not be allowed for cleaning concrete surfaces, as it will reduce the special surface texture specified elsewhere herein. Pressure washing with water (minimum 3000psi) is the preferred method of removing latency. If cleaned by pressure washing a pressure of 3000 psi is a rate of three to four gallons per minute using a fan nozzle held perpendicular to the surface at a distance of one to two feet. The completed surface shall be free of blemishes, discolorations, surface voids and conspicuous form marks to the satisfaction of the Engineer.

Method of Measurement:

None.

Basis of Payment:

The quantity of form liners will be paid for at the Contract lump sum price. Price and payment will constitute full compensation for furnishing all materials and for equipment, tools, labor, and incidentals necessary to complete the work as specified above or in the Plans.

The cost shall also include compensation for any additional concrete required to achieve the finish detailed in the Plans, additional concrete and steel reinforcing required for all test pours, additional form liners required for the test pour, and all equipment, tools, labor, and incidentals necessary to complete the work shall be included in the unit price bid.

10/7/16

SECTION 602588 - ANTI-GRAFFITI COATING

Description:

This work shall consist of furnishing all materials and applying a two component, solvent based, clear, aliphatic urethane (acrylic or polyester), anti-graffiti coating to the exterior surfaces to any concrete surface. The work shall be performed as indicated on the Plans, in accordance with these Specifications, and as directed by the Engineer.

Materials:

Anti-graffiti coating shall be a two component aliphatic polyurethane. The primer prior to 2nd and 3rd coats shall be solvent based acrylic/ polyester polyurethane compatible with the anti-graffiti system. The materials shall have good resistance against chemical and abrasion. The topcoat must have a special modifier to make graffiti removal simple with pressure hot water or solvent based cleaners.

The color of the anti-graffiti coating shall be clear, or as specified on the plans.

Alternate Materials:

At the discretion of the engineer the following alternates can be approved for use on a project specific basis:

- A single component, moisture cure aliphatic urethane topcoat, with a compatible intermediate and primer coat.
- An epoxy primer as alternate for primer and intermediate coat must be approved by the Engineer prior to the application.
- A two coat system with a proven history of durability and performance.

Typical Properties of Intermediate and Topcoats	
Pot Life 75F	6 hours or as per manufacturer recommendation
Minimum Dry Time (to touch)	6 hours maximum or as per manufacturer recommendation
Final Cure 75F	7 days maximum or as per manufacturer recommendation
Solid by weight	60% minimum
Solid by volume	55% minimum
OTC-VOC	As per local EPA requirement

Surface Preparation:

All new concrete surfaces, texturing, saw cutting, repointing and grooving shall be completed before the surface is prepared for sealer. All concrete that is to be sealed shall be cured for at least 28 days after casting or for the length of time specified in the manufacturer's instruction, whichever is longer. After 28 days, concrete surface shall be lightly sand or shot blasted, followed by vacuum cleaning in accordance with ASTM D 4258 & SSPC-SP-13 requirement to completely remove any applied curing compound, and to make surface lightly rough for penetration of sealer.

For existing concrete, all previous sealers and paints, all salt, efflorescence, laitance, and other foreign matter, and all loose material shall be completely removed using one or a combination of different preparation methods as specified in ASTM D-4258 and SSPC-SP 13.

In addition, both new and existing concrete shall be shall receive a high pressure (3000-5000 psi) water washing at a flow of more than 4 gallons per minute, with zero degree of rotary nozzle. The contractor shall also allow the surface to dry for a minimum of 24 hours prior to the coating application after high-pressure washing. All surface preparation work shall be completed and approved by the Engineer before sealer the application can commence.

Those areas of P.C.C. masonry where aggregate is exposed, and deep pits exist shall be filled with approved material to a uniform surface unless otherwise directed by the Engineer. If there is a conflict between these requirements and the requirements recommended by the manufacturer of anti-graffiti coating for surface preparation, the surface preparation shall be performed in accordance with the manufacturer's recommendation unless otherwise directed by the Engineer.

Application:

Anti-graffiti coating shall be applied by brush, roller, or spray as per manufacturers recommendation. Mixing of materials shall be done in accordance with manufacturer's instructions. The Dry Film Thickness (DFT) for each coat inclusive of primer shall not be less than 1.5 mil. The total (DFT) of anti-graffiti system shall be between 6.0 mil to 10.00 mil as per manufactures recommendation.

Application of the anti-graffiti coating including temperature/humidity restrictions, mixing, thinning, curing shall be performed in accordance with the recommendation of the manufacturer.

Effectiveness and Cleaning of graffiti:

The graffiti coating must satisfy the requirements for Cleanability Level 1, 2 or 3 for the removal of graffiti as defined in ASTM D 7089. The contactor must demonstrate the effectiveness of the removal by test specimen, for approval to the Engineer. Test specimens shall be prepared and evaluated as stated in ASTM D 7089.

Basis of Payment:

The quantity of "Anti-Graffiti Coating" will be paid for at the Contract lump sum price. Price and payment will constitute full compensation for furnishing all materials, preparing and evaluating test specimens, furnishing and removing scaffolding as required, surface preparation, application of the anti-graffiti coating, disposal of discarded materials, and for all labor, tools, equipment, and all necessary incidentals to complete the work.

2/1/07

QUESTIONS

1. How shall the 270 days be split between the two bridges?

It's up to the Contractor but could be split evenly between the two. Snuff Mill Bridge is waiting for permits before it can be started. The Successful Contractor shall be responsible for submitting a schedule to State Parks.

2. Can both bridges be constructed concurrently?

Yes, if the permits for the Snuff Mill Bridge are obtained.

ATTENDANCE SHEET

CONSTRUCTION PROGRESS MEETING – CONTRACT # 2018- NVF-100

NAME: NVF – Farm Lane Bridge & Snuff Mill Bridge Abutments

DATE: December 18, 2018 at 10:00 – 11:00 AM

NAME	AGENCY/COMPANY	TELEPHONE	EMAIL
Cindy Todd	DNREC	302-739-9210	Cindy.Todd@state.de.us
Julio Seneus	DNREC	302-739-9211	Julio.Seneus@state.de.us
Pierce Thompson	DNREC	302-270-3014	Pierce.Thompson @state.de.us
John Welsh	DNREC	302-739-9212	John.Welsh@state.de.us
Jeff Vance	Bright Fields Inc	302-507-1571	JVance@brightfieldsinc.com
Kathy Ferguson	Mumford & Miller	302-373-5771	Kferguson@mumfordandmiller.com
Matt Ruoff	JJID	302-363-2004	MRuoff@JJID.com
Nick Hetrick	Richard E. Pearson Const. Co.	609-743-0111	nhetrick@rpearson.com
Matt Baccantini	MEHT Construction Eng'rs. Inc.	302-992-9810	MATTS@MCEBS.COM
Tony Pistoria	Civillo Bros.	302-275-3324	Tony@CivilloBros.com
Mark Tare	GES	302-918-3070	MTARE@GESONCAL.COM
Danny Carrow	Carrow Construction	302-275-7592	danny.carrow@carrowconstruction.com
Brad Terzi	Berg Construction	4184-269-7299	brad@bergconst.com
Danny Hanna	A-DEL Construction	302-453-8286	estimates@a-del.com
Lewis Allen	JMC CONTRACTORS	610-361-1850	JMC CONTRACTORS@COMCAST.NET

Farm Lane Bridge & Snuff Mill Bridge Abutments

12/18/2018

NAME	AGENCY/COMPANY	TELEPHONE	EMAIL
Wla Nyama Wla Vinton	TRICON Construction	302-838-6500	w.vinton@tricontristate.com
BRAD BLACKWELDEN	GIUSEPPE FERRARA	302-377-1246	GNF.blackwelden1@gmail.com
Preston Macready	Stephens Excavating	484-947-4749	Preston@stephensex.com
Larry Bathon	Bathon Bldrs	410-398-0800	abathon@aol.com
CHRIS MAGDEFRAU	EASTERN HIGHWAY SPECIALISTS	302-777-7673	C.MAGDEFRAU@EASTERNHIGHWAY SPECIALISTS.COM
Laura Lee	Auburn Valley State Park / DNREC	302-729-4275	Laura.Lee@state.de.us

Farm Lane Bridge & Snuff Mill Bridge Abutments

12/18/2018