

# LETTER OF SUBMITTAL

## PARK AND RIDE LOT AT I-66 / ROUTE 15 INTERCHANGE (IN THE NORTHEAST QUADRANT)

TOWN OF HAYMARKET AND  
PRINCE WILLIAM COUNTY, VIRGINIA

STATE PROJECT NO.: PR15-076-236  
FEDERAL PROJECT NO.: STP-5A01(767)  
CONTRACT ID NUMBER: C00109486DB99



PREPARED FOR:



SUBMITTED BY:



**ATTACHMENT 4.0.1.1**

**Park and Ride Lot at I-66/Route 15 Interchange**

**LETTER OF SUBMITTAL CHECKLIST AND CONTENTS**

Offerors shall furnish a copy of this Letter of Submittal Checklist, with the page references added, with the Letter of Submittal.

<b>Letter of Submittal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
<b>Letter of Submittal Checklist and Contents</b>	Attachment 4.0.1.1	Section 4.0.1.1	<b>Attachment 4.0.1.1</b>
<b>Acknowledgement of RFP, Revisions, and/or Addenda</b>	Attachment 3.4 (Form C-78-RFP)	Sections 3.4; 4.0.1.1	<b>Attachment 3.4 (Form C-78-RFP)</b>
<b>Letter of Submittal</b>	NA	Sections 4.1	<b>Pages 1-2</b>
Letter of Submittal on Offeror's letterhead	NA	Section 4.1.1	<b>1</b>
Offeror's full legal name and address	NA	Section 4.1.1	<b>1</b>
Authorized representative's original signature	NA	Section 4.1.1	<b>2</b>
Declaration of intent	NA	Section 4.1.2	<b>1</b>
120 day declaration	NA	Section 4.1.3	<b>1</b>
Point of Contact information	NA	Section 4.1.4	<b>1</b>
Principal Officer information	NA	Section 4.1.5	<b>2</b>
Offeror's Corporate Structure	NA	Section 4.1.6	<b>2</b>
Full Legal Name of Lead Contractor, Lead Designer, and QAM	NA	Section 4.1.7	<b>2</b>
Offeror's VDOT prequalification information	NA	Section 4.1.8	<b>2</b>
DBE statement confirming Offeror is committed to achieving the required DBE goal	NA	Section 4.1.9	<b>2</b>
Interim Milestone and Final Completion Date(s)	NA	Section 4.1.10	<b>2</b>

**ATTACHMENT 4.0.1.1**

**Park and Ride Lot at I-66/Route 15 Interchange**

**LETTER OF SUBMITTAL CHECKLIST AND CONTENTS**

<b>Letter of Submittal Component</b>	<b>Form (if any)</b>	<b>RFP Part 1 Cross Reference</b>	<b>Page Reference</b>
<b>Attachments to the Letter of Submittal</b>	NA	Section 4.2	
Affiliated and/ or Subsidiary Companies	Attachment 4.2.1	Section 4.2.1	<b>Section 4.2.1</b>
Certification Regarding Debarment Forms	Attachment 4.2.2(a) Attachment 4.2.2(b)	Section 4.2.2	<b>Section 4.2.2</b>
Offeror's VDOT prequalification information	NA	Section 4.2.3	<b>Section 4.2.3</b>
Evidence of obtaining bonding	NA	Section 4.2.4	<b>Section 4.2.4</b>
Full size copies of DPOR licenses and SCC registrations	NA	Section 4.2.5	<b>Section 4.2.5</b>
SCC registration information - businesses	Attachment 4.2.5	Section 4.2.5.1	<b>Section 4.2.5.1</b>
DPOR registration information - businesses	Attachment 4.2.5	Section 4.2.5.2	<b>Section 4.2.5.2</b>
Lead Contractor Work History Form	Attachment 4.2.6(a)	Section 4.2.6	<b>Section 4.2.6</b>
Lead Designer Work History Form	Attachment 4.2.6(b)	Section 4.2.6	<b>Section 4.2.6</b>
Conceptual Roadway Plans	NA	Section 4.2.7	<b>Section 4.2.7</b>

**ATTACHMENT 3.4****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

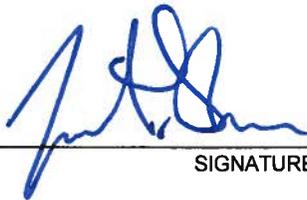
RFP NO. C00109486DB99  
 PROJECT NO.: PR15-076-236, P101, R201, C501

**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.4, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP – July 7, 2017  
(Date)
2. Cover letter of RFP Addendum No. 1 – August 8, 2017  
(Date)
3. Cover letter of RFP Addendum No. 2 – August 17, 2017  
(Date)



SIGNATURE

September 8, 2017

DATE

Jan A. Sherman

PRINTED NAME

District Manager

TITLE

## 4.1 LETTER OF SUBMITTAL



September 8, 2017

Ms. Sudha Mudgade, P.E., PMP  
Alternative Project Delivery Division  
Virginia Department of Transportation  
1401 East Broad Street  
Annex Building, 8th Floor  
Richmond, VA 23219

**RE: Park and Ride Lot at I-66/Route 15 Interchange (In the Northeast Quadrant) - Town of Haymarket and Prince William County, Virginia**  
State Project No.: PR15-076-236  
Federal Project No.: STP-5A01(767)  
Contract ID Number: C00109486DB99

Dear Ms. Mudgade,

The Lane Construction Corporation (LANE) is pleased to offer our Letter of Submittal and Attachments for the above referenced project to the Virginia Department of Transportation (VDOT). Our response contains all information requested in the Request for Proposals (RFP) and subsequent Addenda. LANE is teamed with Rinker Design Associates, PC (RDA), as the Lead Designer. The LANE Team has assembled committed personnel, with proven delivery of VDOT's requirements to meet the quality, safety, and schedule demands of this Project.

**4.1.1 Identification of Legal Entity Who Will Execute the Contract with VDOT:** Mr. Jan Sherman is the authorized representative and Point of Contact for the LANE Team for all matters associated with this project.

The Lane Construction Corporation  
14500 Avion Parkway, Suite 200  
Chantilly, VA 20151

**4.1.2 Offeror's Intent:** LANE's intention is to enter into a contract with VDOT for the Project in accordance with the terms of the RFP.

**4.1.3 120 Day Declaration:** Pursuant to Part 1, Section 8.2, LANE declares that the offer represented by this Proposal will remain in full force and effect for one hundred twenty (120) days after the date the Proposal is submitted to VDOT ("Letter of Submittal and Price Proposal Due Date").

**4.1.4 Identification of the Point of Contact:** Mr. Jan Sherman is the Authorized Representative and Point of Contact for the LANE Team.

The Lane Construction Corporation, District Manager  
Jan Sherman  
14500 Avion Parkway, Suite 200  
Chantilly, VA 20151  
Tel: (703) 222-5670 Fax: (703) 222-5960  
Email: JASherman@laneconstruct.com

**4.1.5 Offeror's Principal Officer Information:** Mr. David J. Rankin is a Principal Officer of The Lane Construction Corporation.

David J. Rankin, Senior Vice President  
6125 Tyvola Centre Drive  
Charlotte, NC 28217  
Tel: (704) 553-6500 Fax: (704) 553-6598  
Email: DJRankin@laneconstruct.com

**4.1.6 Offeror's Corporate Structure:** LANE was founded in 1890 and was incorporated in the State of Connecticut on April 5, 1902. LANE will undertake the financial responsibility for the project and has no known liability limitations. LANE's pre-qualification status/capabilities with VDOT are in excess of the requirements of this project. The co-sureties will furnish a single 100% performance bond and a single 100% payment bond.

**4.1.7 Lead Contractor | Lead Designer | QAM firm:** The full legal name of the Offeror is: **The Lane Construction Corporation**. LANE will serve as the prime/general contractor responsible for overall construction of the project and will serve as the legal entity with whom VDOT will execute the contract. The full legal name of the Lead Designer is: **Rinker Design Associates, PC**. Rinker Design Associates, PC will serve as the lead design firm responsible for the overall design of this project under contract to LANE. The full legal name of the QAM firm is **Quinn Consulting Services, Inc.** Quinn Consulting Services, Inc. will serve as the QAM firm responsible for the overall quality assurance management of the project under contract to LANE.

**4.1.8 Offeror's VDOT Prequalification Evidence:** Evidence of LANE's VDOT Prequalification is included in the Appendix and verifies that LANE is prequalified for this submission (L002/Active).

**4.1.9 DBE Statement:** LANE supports the Disadvantaged Business Enterprise (DBE) program and is committed to meeting the **16%** goal for the design and construction of this Project utilizing Virginia certified DBE companies.

**4.1.10 Interim Milestone and Final Completion Dates:** In accordance with RFP Section 2.3.1, LANE proposes an Interim Milestone Date of December 11, 2018 and a Final Completion Date of March 26, 2019.

The LANE Team appreciates the opportunity to propose on this critically important project. We look forward to partnering with VDOT to make the Park and Ride Lot at I-66/Route 15 Interchange - project a landmark success for the citizens of Virginia.

Respectfully submitted,



Jan Sherman  
District Manager  
The Lane Construction Corporation

## 4.2 ATTACHMENTS TO THE LETTER OF SUBMITTAL

## 4.2.1 AFFILIATED AND/OR SUBSIDIARY COMPANIES

## ATTACHMENT 4.2.1

### State Project No. PR15-076-236

#### Affiliated and Subsidiary Companies of the Offeror

Offerors shall complete the table and include the addresses of affiliates or subsidiary companies as applicable. By completing this table, Offerors certify that all affiliated and subsidiary companies of the Offeror are listed.

<input type="checkbox"/> <b>The Offeror does not have any affiliated or subsidiary companies.</b>
<input checked="" type="checkbox"/> <b>Affiliated and/ or subsidiary companies of the Offeror are listed below.</b>

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
ULTIMATE PARENT	Salini Impregilo, S.p.A.	Via dei Missaglia, 97 – 20142 Milan, Italy
GRANDPARENT (LII PARENT)	Salini-Impregilo US Holdings, Inc.	2711 Centerville, Suite 400 Wilmington, DE 19808
PARENT	Lane Industries Incorporated ("LII")	90 Fieldstone Court Cheshire CT 06410 -1212
LII CHILD	Lane Infrastructure. Inc.	90 Fieldstone Court Cheshire CT 06410 -1212
LII CHILD	Lane Worldwide Infrastructure, Inc. ("LWI")	90 Fieldstone Court Cheshire, CT 06410-1212
LII CHILD	Lane Power & Energy Solutions, Inc.	90 Fieldstone Court Cheshire, CT 06410-1212
LWI CHILD	Lane International, B.V.	Prins Bernhardplein 200, 1907 JB Amsterdam, The Netherlands
LWI CHILD	Lane Mid-East Contracting, LLC	c/o Makateb Business Center Makeen Tower Corner of 9th & 10th Streets P.O. Box 35243. Abu Dhah, UAE
LWI CHILD	Lane Mid-East Qatar, LLC	P.O. Box 13300 Doha, Qatar

LII CHILD/PARENT	The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
SUBSIDIARY	S.A. Healy Company	901 N. Green Valley Parkway, Suite 260, Henderson, NV 89074
SUBSIDIARY	Lanecon Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
SUBSIDIARY	Wardwell Family Realty, LLC	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Civil Wall Solutions, A Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Cold River Materials, A Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Lane Concrete Frames, A Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Prestress of the Carolinas a Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Senate Asphalt, A Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Virginia Paving Company, A Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212
BROTHER/SISTER**	Virginia Sign & Lighting Company a Division of The Lane Construction Corporation	90 Fieldstone Court Cheshire, CT 06410-1212

**2 OF 2**

\*\* All affiliates listed as "BROTHER/SISTER" are other DBA names under which The Lane Construction Corporation operates.



**ATTACHMENT 4.2.2(a)**  
**CERTIFICATION REGARDING DEBARMENT**  
**PRIMARY COVERED TRANSACTIONS**

**Project No.: PR15-076-236**

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	August 28, 2017	District Manager
Signature	Date	Title

The Lane Construction Company  
Name of Firm

**ATTACHMENT 4.2.2(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: PR15-076-236**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.



Signature

September 8, 2017

Date

Director of Engineering/Principal

Title

Rinker Design Associates, P.C.

Name of Firm

**ATTACHMENT 4.2.2(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: PR15-076-236**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	August 28, 2017	President
Signature	Date	Title

Quinn Consulting Services, Inc.  
Name of Firm

## 4.2.3 VDOT PREQUALIFICATION CERTIFICATE

**Vendor ID:** L002

**Vendor Name:** THE LANE CONSTRUCTION CORPORATION

**Prequal Level:** Prequalified

**Prequal Exp:** 09/30/2017

**-- PREQ Address --**

90 FIELDSTONE COURT  
CHESHIRE, CT 06410-1212  
Phone: (203)235-3351  
Fax: (203)237-4260

**Work Classes (Listed But Not Limited To)**

002 - GRADING  
003 - MAJOR STRUCTURES  
004 - ASPHALT CONCRETE PAVING  
006 - PORTLAND CEMENT CONCRETE PAVING  
007 - MINOR STRUCTURES  
045 - UNDERGROUND UTILITIES

**Bus. Contact:** CAIOLA, VINCENT JAMES

**Email:** VAPREQUAL@LANECONSTRUCT.COM

**-- DBE Information --**

**DBE Type:** N/A

**DBE Contact:** N/A

## 4.2.4 LETTER OF SURETY

LIBERTY MUTUAL INSURANCE COMPANY      BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

August 24, 2017

Commonwealth of Virginia  
Department of Transportation  
1401 East Broad Street  
Richmond, VA 23219

RE:    **The Lane Construction Corporation**  
**Request for Proposals**  
**Park and Ride Lot at I-66/Route 15 Interchange (In the Northeast Quadrant) Town of Haymarket and Prince William**  
**County, Virginia; State Project No.: PR15-076-236; Federal Project No.: STP-5A01(767); Contract ID Number:**  
**C00109486DB99**  
**Estimated Contract Price: \$4,500,000.00**

To Whom It May Concern:

This letter will serve to confirm that The Lane Construction Corporation is a highly regarded and valued client of Aon Risk Solutions and the sureties, Liberty Mutual Insurance Company, Berkshire Hathaway Specialty Insurance Company, Fidelity and Deposit Company of Maryland and National Union Fire Insurance Company of Pittsburgh, PA (the 'co-sureties'). Each surety company is licensed to conduct surety business in the Commonwealth of Virginia, and each surety company holds a Certificate of Authority as listed in the Department of the Treasury's Listing of Approved Sureties (Department Circular 570) dated July 1, 2017. Furthermore, each surety company is rated "A" or better by A.M. Best Company, all with Financial Size Category "XV".

As the sureties for The Lane Construction Corporation, we advise that The Lane Construction Corporation is capable of obtaining 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction, and said bonds will cover the Project and any warranty periods as provided for in the Contract Documents on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this Project.

Naturally, as is customary within the surety industry, the issuance of any bonds is contingent upon a favorable underwriting review of project specifics including, but not limited to, the contract terms, conditions, documents, bond forms and confirmation of complete project financing by both The Lane Construction Corporation and its co-sureties at the time a request for bonds is made. We assume no liability to third parties or to you by issuance of this letter, should bid or final bonds not be issued.

Should you need additional assurance regarding the technical ability or bonding capacity of The Lane Construction Corporation, please do not hesitate to contact this office.

Sincerely,

Liberty Mutual Insurance Company  
Berkshire Hathaway Specialty Insurance Company  
Fidelity and Deposit Company of Maryland  
National Union Fire Insurance Company of Pittsburgh, PA



Theresan E. Rowedder  
Attorney-in-Fact

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7774601

Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian Driscoll; Bryan Huft; Gregory J. Steele; Jane Gilson; Jean Correia; Kevin A. White; Maria Chaves; Mark P. Herendeen; Theresan E. Rowedder

all of the city of Boston, state of MA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 22nd day of May, 2017.



The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 22nd day of May, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires March 28, 2021  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS** – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts** – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of AUGUST, 20 17



By: Renee C. Llewellyn  
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



### Power Of Attorney

#### BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

Know all men by these presents, that **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 100 Federal Street, 20th Floor, Boston, Massachusetts 02110, **NATIONAL INDEMNITY COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Connecticut (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: **Maria Chaves, Theresan E. Rowedder, Jane Gilson, Jean Correia, Mark P. Herendeen, One Federal Street, 20th Floor of the city of Boston State of Massachusetts**, their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of November 18, 2014. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively.

BERKSHIRE HATHAWAY SPECIALTY  
INSURANCE COMPANY,

By:

David Fields, Executive Vice President



NATIONAL INDEMNITY COMPANY,  
NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

By:

David Fields, Vice President



NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 18th day of November, 2014 before me appeared David Fields, Executive Vice President of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY** and Vice President of **NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]



Notary Public

I, Brennan Neville, the undersigned, Assistant Secretary of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, I have hereunto affixed the seals of said companies this date of August 24, 2017.



Assistant Secretary

FOR CLAIM NOTIFICATION please send via email at [claimsnotice@bhspecialty.com](mailto:claimsnotice@bhspecialty.com), via fax to (617) 507-8259, contact our 24 hour number at (855) 453-9675 or mail Berkshire Hathaway Specialty Insurance, 500 Northpark Town Center, 1100 Abernathy Road, N.E., Suite 1200, Atlanta, GA 30328.

**BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)**

ARTICLE V.

CORPORATE ACTIONS

....

EXECUTION OF DOCUMENTS:

....

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and
- (2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

**NATIONAL INDEMNITY COMPANY (BY-LAWS)**

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

**NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)**

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

**NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)**

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

**NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)**

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **GERALD F. HALEY, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Kevin A. WHITE, Mark P. HERENDEEN, Jean CORREIA, Maria CHAVES, Theresan E. ROWEDDER, Bryan HUFT and Jane GILSON, all of Boston, Massachusetts, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 21st day of July, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*

*Secretary  
Eric D. Barnes*

*Gerald F. Haley*

*Vice President  
Gerald F. Haley*

State of Maryland  
County of Baltimore

On this 21st day of July, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **GERALD F. HALEY, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

*Maria D. Adamski*

Maria D. Adamski, Notary Public  
My Commission Expires: July 8, 2019



**EXTRACT FROM BY-LAWS OF THE COMPANIES**

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

**CERTIFICATE**

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 21th day of AUGUST, 2017.



*Michael Bond*

Michael Bond, Vice President

**TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT ALL REQUIRED INFORMATION TO:**

Zurich American Insurance Co.  
Attn: Surety Claims  
1299 Zurich Way  
Schaumburg, IL 60196-1056

POWER OF ATTORNEY

American Home Assurance Company
National Union Fire Insurance Company of Pittsburgh, PA.
Principal Bond Office: 175 Water Street, New York, NY 10038

Power No. 1752

No. 01-B-103378

KNOW ALL MEN BY THESE PRESENTS:

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, PA., a Pennsylvania corporation, does each hereby appoint

--Mark P. Herendeen, Jean Correlia, Maria Chaves, Jane Gilson, Theresan E. Rowedder, of Boston, Massachusetts--

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, PA. have each executed these presents

this 20th day of April, 2017



Handwritten signature of Michael Yang

Michael Yang, Vice President

STATE OF NEW YORK }
COUNTY OF NEW YORK } ss.

On this 20th day of April, 2017 before me came the above named officer of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, PA. to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporations thereto by authority of his office.

Handwritten signature of Juliana Hallenbeck

JULIANA HALLENBECK
Notary Public - State of New York
No. 01445125671
Qualified in Essex County
My Commission Expires April 19, 2021

CERTIFICATE

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, PA. on May 18, 1976:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof; and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance and other contract of indemnity and writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact"

I, Martin Bogue, Assistant Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, PA. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and the Powers of Attorney issued pursuant thereto, are true and correct; and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of each corporation

this 24th day of August, 2017

Handwritten signature of Martin Bogue

Martin Bogue, Assistant Secretary





## ATTACHMENT 4.2.5

### State Project No. PR15-076-236

#### SCC and DPOR Information

Offerors shall complete the table and include the required state registration and licensure information. By completing this table, Offerors certify that their team complies with the requirements set forth in Section 4.2.5 and that all businesses listed are active and in good standing.

#### SCC & DPOR INFORMATION FOR BUSINESSES (RFP Sections 4.2.5.1 and 4.2.5.2)

Business Name	SCC Information (4.2.5.1)			DPOR Information (4.2.5.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
The Lane Construction Corporation	F0254476	Foreign Corporation	Active	90 Fieldstone Court Cheshire, CT 06410	Contractor Class A	2701011871	2018-01-31
The Lane Construction Corporation	F0254476	Foreign Corporation	Active	90 Fieldstone Court Cheshire, CT 06410	Business Entity Registration	0407002174	2017-12-31
The Lane Construction Corporation	F0254476	Foreign Corporation	Active	14500 Avion Parkway, Suite 200 Chantilly, VA 20151	Business Entity Branch Office Registration	0411000988	2018-02-28
Rinker Design Associates, P.C. (RDA)	0227062-7	S-Corporation	Active	9385 Discovery Blvd., Suite 200, Manassas, VA 20109	Professional Corporation Registration	0405000502	2017-12-31
					Appraisal Business Registration	4008001684	2019-02-28
				927 Maple Grove Dr., Suite 105, Fredericksburg, VA 22407	Professional Corporation Branch Office Registration	0410000156	2018-02-28
					Appraisal Business Registration	4008001739	2018-04-30
				4301 Dominion Blvd., Suite 100, Glen Allen, VA 23060	Professional Corporation Branch Office Registration	0410000220	2018-02-28
					Appraisal Business Registration	4008001801	2018-04-30

**ATTACHMENT 4.2.5**

**State Project No. PR15-076-236**

**SCC and DPOR Information**

<b>Quinn Consulting Services Incorporated</b>	04925517	Corporation	Active	14160 Newbrook Dr., Suite 220, Chantilly, VA 20151	Business Entity Registration	0407003733	2017-12-31



#### SCC eFile

[SCC eFile Home Page](#)  
[Check Name](#)  
[Distinguishability](#)  
[Business Entity Search](#)  
[Certificate Verification](#)  
[FAQs](#)  
[Contact Us](#)  
[Give Us Feedback](#)

#### Business Entities

#### UCC or Tax Liens

#### Court Services

#### Additional Services

## THE LANE CONSTRUCTION CORPORATION

### General

SCC ID: F0254476  
Entity Type: Foreign Corporation  
Jurisdiction of Formation: CT  
Date of Formation/Registration: 7/24/1972  
Status: Active  
Shares Authorized: 11700

### Principal Office

90 FIELDSTONE COURT  
CHESHIRE CT06410



#### SCC eFile

[SCC eFile Home Page](#)  
[Check Name](#)  
[Distinguishability](#)  
[Business Entity Search](#)  
[Certificate Verification](#)  
[FAQs](#)  
[Contact Us](#)  
[Give Us Feedback](#)  
[My Favorites](#)

#### Business Entities

#### UCC or Tax Liens

#### Court Services

#### Additional Services

## Rinker Design Associates, P.C.

### General

SCC ID: 02270627  
Entity Type: Corporation  
Jurisdiction of Formation: VA  
Date of Formation/Registration: 2/24/1982  
Status: Active  
Shares Authorized: 20000

### Principal Office

9385 DISCOVERY BOULEVARD  
SUITE 200  
MANASSAS VA20109



**SCC eFile**

- SCC eFile Home Page
- Check Name
- Distinguishability
- Business Entity Search
- Certificate Verification
- FAQs
- Contact Us
- Give Us Feedback

**Business Entities**

**UCC or Tax Liens**

**Court Services**

**Additional Services**

**QUINN CONSULTING SERVICES INCORPORATED**

**General**

SCC ID: 04925517  
Entity Type: Corporation  
Jurisdiction of Formation: VA  
Date of Formation/Registration: 10/24/1997  
Status: Active  
Shares Authorized: 5000

**Principal Office**

14160 NEWBROOK DRIVE  
SUITE 220  
CHANTILLY VA20151

## DPOR License Lookup License Number 2701011871

### License Details

<b>Name</b>	THE LANE CONSTRUCTION CORPORATION / SENATE ASPHALT
<b>DBA Name</b>	VA PAVING COMPANY / VA SIGN AND LIGHTING COMPANY
<b>License Number</b>	2701011871
<b>License Description</b>	Contractor
<b>Firm Type</b>	Corporation
<b>Rank <sup>1</sup></b>	Class A
<b>Address</b>	90 FIELDSTONE COURT, CHESHIRE, CT 06410
<b>Specialties<sup>2</sup></b>	Commercial Building (CBC) Highway / Heavy (H/H) Residential Building (RBC)
<b>Initial Certification Date</b>	1972-10-12
<b>Expiration Date</b>	2018-01-31

## DPOR License Lookup License Number 0407002174

### License Details

<b>Name</b>	THE LANE CONSTRUCTION CORPORATION / SENATE ASPHALT
<b>License Number</b>	0407002174
<b>License Description</b>	Business Entity Registration
<b>Firm Type</b>	Corporation
<b>Rank</b>	Business Entity
<b>Address</b>	90 FIELDSTONE COURT, CHESHIRE, CT 06410
<b>Initial Certification Date</b>	1985-09-30
<b>Expiration Date</b>	2017-12-31

## DPOR License Lookup License Number 0411000988

### License Details

<b>Name</b>	THE LANE CONSTRUCTION CORPORATION / SENATE ASPHALT
<b>License Number</b>	0411000988
<b>License Description</b>	Business Entity Branch Office Registration
<b>Business Type</b>	Corporation
<b>Rank</b>	Business Entity Branch Office
<b>Address</b>	14500 AVION PKWY SUITE 200, CHANTILLY, VA 20151
<b>Initial Certification Date</b>	2013-04-18
<b>Expiration Date</b>	2018-02-28

## DPOR License Lookup License Number 0405000502

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES PC
<b>License Number</b>	0405000502
<b>License Description</b>	Professional Corporation Registration
<b>Firm Type</b>	PC - Professional Corporation
<b>Rank</b>	Professional Corporation
<b>Address</b>	9385 DISCOVERY BOULEVARD, STE 200, MANASSAS, VA 20109
<b>Initial Certification Date</b>	1986-07-16
<b>Expiration Date</b>	2017-12-31

## DPOR License Lookup License Number 4008001684

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES PC
<b>License Number</b>	4008001684
<b>License Description</b>	Appraisal Business Registration
<b>Firm Type</b>	Corporation
<b>Rank</b>	Business Entity
<b>Address</b>	9385 DISCOVERY BOULEVARD SUITE 200, MANASSAS, VA 20109
<b>Initial Certification Date</b>	2011-02-10
<b>Expiration Date</b>	2019-02-28

## DPOR License Lookup License Number 0410000156

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES PC
<b>License Number</b>	0410000156
<b>License Description</b>	Professional Corporation Branch Office Registration
<b>Rank</b>	Professional Corporation Branch Office
<b>Address</b>	927 MAPLE GROVE DR STE 105, FREDERICKSBURG, VA 22407
<b>Initial Certification Date</b>	2005-12-27
<b>Expiration Date</b>	2018-02-28

## DPOR License Lookup License Number 4008001739

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES PC
<b>License Number</b>	4008001739
<b>License Description</b>	Appraisal Business Registration
<b>Firm Type</b>	Corporation
<b>Rank</b>	Business Entity
<b>Address</b>	927 MAPLE GROVE DR STE 105, FREDERICKSBURG, VA 22407
<b>Initial Certification Date</b>	2012-04-30
<b>Expiration Date</b>	2018-04-30

## DPOR License Lookup License Number 0410000220

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES PC
<b>License Number</b>	0410000220
<b>License Description</b>	Professional Corporation Branch Office Registration
<b>Firm Type</b>	PC - Professional Corporation
<b>Rank</b>	Professional Corporation Branch Office
<b>Address</b>	4301 DOMINION BOULEVARD, SUITE 100, GLEN ALLEN, VA 23060
<b>Initial Certification Date</b>	2011-03-17
<b>Expiration Date</b>	2018-02-28

## DPOR License Lookup License Number 4008001801

### License Details

<b>Name</b>	RINKER DESIGN ASSOCIATES P C
<b>License Number</b>	4008001801
<b>License Description</b>	Appraisal Business Registration
<b>Firm Type</b>	Corporation
<b>Rank</b>	Business Entity
<b>Address</b>	4301 DOMINION BOULEVARD SUITE 100, GLEN ALLEN, VA 23060
<b>Initial Certification Date</b>	2014-04-10
<b>Expiration Date</b>	2018-04-30

# DPOR License Lookup License Number 0407003733

## License Details

<b>Name</b>	QUINN CONSULTING SERVICES INCORPORATED
<b>License Number</b>	0407003733
<b>License Description</b>	Business Entity Registration
<b>Firm Type</b>	Corporation
<b>Rank</b>	Business Entity
<b>Address</b>	14160 NEWBROOK DR STE 220, CHANTILLY, VA 20151
<b>Initial Certification Date</b>	1998-03-05
<b>Expiration Date</b>	2017-12-31

## 4.2.6 WORK HISTORY FORMS

**ATTACHMENT 4.2.6(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: <b>I-66/Route 15 Interchange Reconstruction</b> Location: <b>Prince William County, VA (DESIGN-BUILD)</b>	Name: <b>RDA</b>	Name of Client./Owner: <b>VDOT</b> Phone: <b>703-259-2960</b> Project Manager: <b>Christiana Briganti-Dunn, P.E., CCM</b> Phone: <b>703-259-2960</b> Email: <b>christiana.briganti@vdot.virginia.gov</b>	<b>08/2017</b>	<b>08/2017</b>	<b>\$36,194</b>	<b>\$39,650</b>	<b>\$20,200</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

Similar Scope of Work:	PROJECT SCOPE																
<ul style="list-style-type: none"> <li>Design-Build</li> <li>Roadways</li> <li>Survey</li> <li>Environmental Permits</li> <li>Erosion Control Plans</li> <li>Signage and Markings</li> <li>Utility Relocation</li> <li>Drainage</li> <li>Lighting</li> <li>QA/QC</li> <li>Construction Engineering and Inspection</li> <li>Overall Project Management</li> <li>SWM</li> <li>Transportation Management Plan</li> <li>Right-of-Way Acquisition</li> <li>Stakeholder Coordination/Public Involvement</li> </ul>	<p>This Design-Build project, located in Prince William County, VA consisted of reconstructing the interchange of U.S. Route 15 (James Madison Highway) over Interstate 66 (I-66). The project included widening U.S. Route 15, widening VA Route 55 (John Marshall Highway/Washington Street), construction of a new service road, and replacement of northbound and southbound bridges carrying Route 15 over I-66. Additionally the project reconstructed the I-66/Route 15 interchange to relieve congestion, enhance public safety, operations and capacity, and accommodate forecasted traffic demand in the project area. The project reconstructed the interchange as a Diverging Diamond Interchange (DDI), the third of its kind in the Commonwealth of Virginia, to best accommodate the projected traffic volumes as well as critical pedestrian movements in the interchange area.</p>																
<p align="center"><b>Proposed Personnel on Project:</b></p> <table border="0"> <tr> <td>Jan Sherman (LANE)</td> <td>Doren Vest (LANE)</td> </tr> <tr> <td>Ali Schreck (LANE)</td> <td>Mark Gunn (RDA)</td> </tr> <tr> <td>Tony Dean (RDA)</td> <td>John Myers (RDA)</td> </tr> <tr> <td>Steve Thompson (RDA)</td> <td>Mo Kim (RDA)</td> </tr> <tr> <td>Nikhil Deshpande (RDA)</td> <td></td> </tr> <tr> <td>Adam Welschenbach (RDA)</td> <td></td> </tr> <tr> <td>Kaushik Vyas (Quinn)</td> <td></td> </tr> <tr> <td>Tammi Merritt (Quinn)</td> <td></td> </tr> </table>	Jan Sherman (LANE)	Doren Vest (LANE)	Ali Schreck (LANE)	Mark Gunn (RDA)	Tony Dean (RDA)	John Myers (RDA)	Steve Thompson (RDA)	Mo Kim (RDA)	Nikhil Deshpande (RDA)		Adam Welschenbach (RDA)		Kaushik Vyas (Quinn)		Tammi Merritt (Quinn)		<p align="center"><b>RELEVANT PROJECT ELEMENTS TO I-66/ROUTE 15 PARK AND RIDE PROJECT</b></p> <p><b>Partnering:</b> LANE/RDA (the D-B Team) delivered VDOT a best value, innovative design by changing the RFP design from a flyover to a DDI. This same team will provide leadership and expertise on the I-66/Route 15 Park and Ride project.</p> <p><b>Complex MOT/TMP Design:</b> The I-66/Route 15 Interchange Reconstruction project required a complex TMP to construct the project in a constricted work zone with high traffic volumes and pedestrian mobility. RDA developed the TMP in coordination with LANE's construction team to ensure constructability while maintaining acceptable traffic operations. Additionally, the project team coordinated closely with emergency providers (e.g., police, fire, rescue, etc.) and the hospital (located adjacent to the Project) to ensure that access through work zones would not impede their services. We anticipate similar coordination to ensure corridor safety and response time.</p> <p><b>Roadway Widening:</b> The I-66/Route 15 Interchange Reconstruction project included widening of heavily traveled roadways through a tightly constrained corridor.</p> <p><b>Pedestrian Accommodations:</b> Key to the success of the project was pedestrian access/safety during MOT operations. Through construction and implementation along the Route 15 and Route 55 corridors this helped guide our approach in dealing with the multiple trails impacted or reconstructed..</p> <p><b>Right of Way Reductions:</b> By introducing a DDI to this interchange, our TEAM was able to condense ROW by reducing impacts from 22 parcels to 16 parcels and eliminating two total parcel takes – saving VDOT over \$500K. Although the I-66/Route 15 Park and Ride project is smaller in scope, our approach will take advantage of lessons learned and develop an acquisition plan that minimizes VDOT's costs.</p> <p><b>Public Relations:</b> In addition to meeting and coordinating with the public, the LANE/RDA Team also met with various emergency responders and local school bus drivers, to ensure they have an understanding of the changing traffic patterns and configurations. A similar outreach approach may be prudent to ensure that the I-66/Route 15 Park and Ride project has the same success.</p>
Jan Sherman (LANE)	Doren Vest (LANE)																
Ali Schreck (LANE)	Mark Gunn (RDA)																
Tony Dean (RDA)	John Myers (RDA)																
Steve Thompson (RDA)	Mo Kim (RDA)																
Nikhil Deshpande (RDA)																	
Adam Welschenbach (RDA)																	
Kaushik Vyas (Quinn)																	
Tammi Merritt (Quinn)																	
<ul style="list-style-type: none"> <li>The LANE/RDA Team assisted VDOT in bringing consensus to the political stakeholders representing the State, County and Town by providing numerous independent education and coordination meetings early in our design process. This resulted in alleviated concerns and excitement over the delivery of our Team's innovation of Northern Virginia's first, fully-integrated Diverging Diamond Interchange.</li> </ul>	<p align="center"><b>EVIDENCE OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>Revisions to the Interchange Modification Report (IMR) was required as part of our Team's innovation. The report was concurrently developed to minimize the impacts of our extended design approval phase. Our Team's collaboration with VDOT and the effective use of our Design-Build techniques allowed us to recover our schedule impacts. The project is anticipated to be on budget and ahead of schedule.</li> </ul>																



**ATTACHMENT 4.2.6(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: <b>Dulles International Airport Remote Employee Parking Lot</b> Location: <b>Dulles, VA</b>	Name: N/A	Name of Client./ Owner: <b>MWAA</b> Phone: <b>703.417.8679</b> Project Manager: <b>Norman E. Gormsen, Jr. (retired)</b> Phone: <b>703.417.8679</b> Email: <b>unknown</b>	<b>09/2002</b>	<b>7/2003</b>	<b>\$10,549</b>	<b>\$10,977</b>	<b>\$10,977</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

<b>Similar Scope of Work:</b>	<b>PROJECT SCOPE</b>
<ul style="list-style-type: none"> <li>Bus Shelters</li> <li>Environmental</li> <li>Erosion and sediment control</li> <li>Modular Building</li> <li>Utilities</li> <li>Drainage</li> <li>Signs and pavement markings</li> <li>Lighting</li> <li>Parking Management system</li> <li>Traffic Project Management</li> <li>SWM</li> <li>Eradication of pavement marking and restriping</li> <li>Transportation Management Plan</li> <li>Stakeholder Coordination</li> </ul>	<p>This project was an \$11 million contract for the Metropolitan Washington Airports Authority for the construction of a 13-acre asphalt parking lot with electrical, storm &amp; water utilities. The contract also included a 2,600 square-foot modular building to be built.</p> <p>The project was a two part project one to construct a new parking lot with a permanent modular office building on airport property off of existing Ariane Way and the other to extend existing Pacific Blvd to the airports property south from Catalina Ct. Work consisted of clearing &amp; grubbing, erosion &amp; sediment control, excavation, grading, stonework, asphalt paving, drainage, electrical, security, communication, landscaping, turnkey modular office building, water, sewer, concrete ditches and signage.</p>
<b>Proposed Personnel on Project:</b>	<b>RELEVANT PROJECT ELEMENTS TO I-66/ROUTE 15 PARK AND RIDE PROJECT</b>
Jan Sherman (LANE)	<p><b>Site preparation:</b> Erosion and sediment control for 80 acres of clearing and grubbing, 250,000 cubic yards of excavation with an onsite waste area. There were storm, water and sanitary improvements, electric and communication ductbanks as well as site lighting and permanent signage. Excavated 130,000 cy and subgrade preparation for cement treated base.</p> <p><b>Utilities:</b> This project consisted of 6,046 lineal feet of Reinforced Concrete Pipe ranging from 15" to 48" diameter pipe, 44 storm structures, 11 Oil Water Separator Structures ranging from 900 gal to 16,000 gallon capacity, 2,000 feet of irrigation piping, 900 feet of waterline piping, 850 feet of sewer-line piping and 26,000 LF of conduit for electrical/communication. The electrical, communication &amp; security conduits were run approximately 0.5 miles from existing manholes located on the airport's property. The conduit was installed under an existing bridge crossing over the heavily travel Greenway. Water and sewer utilities were incorporated into Loudoun Counties system.</p> <p><b>Site improvements:</b> This project included 17,000 lineal feet of concrete curb, 90,000 tons of 6% cement treated aggregate, 150,000 square yards of asphalt concrete paving, over 5,000 lineal feet of 8 ft high chain link fence, 281 lineal feet of concrete paved flume, 4,000 sy of Concrete Flat work, 2,560 lineal feet of concrete lined ditches ranging in width from 6 ft to 29 ft wide, 51 light poles, 7,500 scotch broom shrubs, 24 Pin Oak trees and 93 Japanese Zelkova trees.</p> <p><b>Modular Building:</b> This 47' x 56' modular office building was fabricated offsite fully equipped with HVAC, interior plumbing, electrical and finishes. For shipping the building was broken down into four sections and reassembled on top of concrete piers in the field. This steel &amp; concrete modular building was then outfitted with a fire alarm system, fire sprinkler protection system, security system and communication.</p>

**ATTACHMENT 4.2.6(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: <b>Jones Point Park</b> Location: <b>Alexandria, VA</b>	Name: N/A	Name of Client./ Owner: <b>VDOT</b> Phone: <b>(703) 259-2215</b> Project Manager: <b>Jalal Masumi</b> Phone: <b>(703) 259-2215</b> Email: <b>jalal.masumi@vdot.virginia.gov</b>	<b>06/2012</b>	<b>07/2012</b>	<b>\$15,667</b>	<b>\$15,768</b>	<b>\$15,768</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

<p align="center"><b>Similar Scope of Work:</b></p> <ul style="list-style-type: none"> <li>Bike racks and lockers</li> <li>Benches and trash receptacles</li> <li>Environmental</li> <li>Erosion and sediment control</li> <li>Design and construction of park and ride lot including access/entrance road</li> <li>Utilities</li> <li>Drainage</li> <li>Signs and pavement markings</li> <li>Lighting</li> <li>Traffic Project Management</li> <li>SWM</li> <li>Eradication of pavement marking and restriping</li> <li>Transportation Management Plan</li> <li>Stakeholder Coordination</li> </ul>	<p><b>PROJECT SCOPE</b> LANE performed the restoration of Jones Point Park, a historic national park located in Old Town Alexandria. The project included the construction new parking lots, sidewalks and curbing, tot lot playground, basketball courts, comfort station (restrooms), and the restoration of the historic Jones Point Lighthouse. The 65-acre park is owned, operated and maintained by the National Park Service as land of the U.S. Department of the Interior which required extensive communication and coordination with all involved project stakeholders.</p> <p><b>RELEVANT PROJECT ELEMENTS TO I-66/ROUTE 15 PARK AND RIDE PROJECT</b> <b>Site Features:</b> The contract included the construction of a park entry road and restricted access road, 110 parking lot spaces, two playgrounds, two sports fields, a restroom station, an irrigation system, and a combination of paved and stone pathways for public use. <b>Environmental:</b> The park contains a balance of natural, recreational, and cultural resources and activities. LANE's efforts cared for and conserved as much of the natural habitat and historical qualities as possible, while providing typical park amenities like trails, playgrounds, picnicking areas, multipurpose fields, community gardens, finishing piers, and a canoe/kayak launch. <b>Finish Work:</b> During the final weeks of the project, the crews focused on completing detail work such as fencing, plantings, site furnishings and informational signs. The project team has completed the installation of the basketball hoops, playground equipment, and tot lot equipment. The ship-lawn wall on the east shoreline of the Potomac River is now complete, backfilled, and covered with top soil and sod. The waist-high ship-lawn wall contains a mounded pile of dirt formed to look like a capsized ship. <b>Shoreline Protection Work:</b> LANE refurbished the sea-wall and a new protective enclosure that provides additional protection for the D.C. cornerstone, and a viewing port allows the public to view the stone from above. Also along the east shoreline, the finishing patching was done, which ties into the Type 1 sheet pile sidewalk. Sheet piles were driven inside the existing sea wall and tie backs were used to anchor the sheet piles back to new dead men in between the existing seawall tie back concrete grid structure. The northern shoreline repair by the Ford's Landing housing development was also completed; this involved removing debris and placing new rip rap (stone) for shoreline stabilization.</p>	 
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**ATTACHMENT 4.2.6(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm’s responsibilities.	d. Construction Contract Start Date	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: <b>Stringfellow Road Park and Ride Lot Expansion</b> Location: <b>Chantilly, VA</b>	Name: <b>Branch-Daffan</b>	Name of Client: <b>Fairfax County DPWES</b> Phone: <b>703-324-5389</b> Project Manager: <b>Katayoon Shaya</b> Phone: <b>703-324-5389</b> Email: <b>katayoon.shaya@fairfaxcounty.gov</b>	<b>03/2015</b>	<b>06/2016</b>	<b>\$5,446</b>	<b>\$5,446</b>	<b>\$534</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror’s Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

<p align="center"><b>Similar Scope of Work:</b></p> <ul style="list-style-type: none"> <li>Roadways</li> <li>Parking Lot (Park and Ride) Design</li> <li>Survey</li> <li>Environmental Permits</li> <li>Erosion Control Plans</li> <li>Signage and Markings</li> <li>Signal Design</li> <li>Utility Relocation</li> <li>Drainage</li> <li>Lighting</li> <li>QA/QC</li> <li>Overall Project Management</li> <li>SWM</li> <li>Transportation Management Plan</li> <li>Stakeholder Coordination/Public Involvement</li> </ul>	<p align="center"><b>OFFICE LOCATION WHERE DESIGN WORK WAS PERFORMED</b></p> <p><b>Rinker Design Associates, P.C. (RDA) – Manassas, VA Office</b></p>		
<p align="center"><b>Proposed Personnel on Project:</b></p> <p>Mo Kim (RDA) Mark Gunn (RDA) Tony Dean (RDA) Adam Welschenbach (RDA) Carolyn Qadir (RDA)</p>	<p align="center"><b>AS PRIME DESIGNER OR SUBCONSULTANT</b></p> <p><b>Prime Designer</b></p>		
<p><b>PROJECT SCOPE</b></p> <p>As part of RDA’s Basic Ordering Agreement with Fairfax County, RDA provided design services for the expansion of an existing Park and Ride Lot on Stringfellow Road. The lot is located on the west side of Stringfellow Road, immediately north of Interstate 66. There was limited vehicular access between Stringfellow Road and I-66 for HOV traffic and buses. Project improvements included: expansion of parking to add approximately 300 new spaces (which brought the total lot capacity to approximately 700 spaces); addition of three bus bays to support expanded transit connections; segregation of points of entry between buses and private vehicles; improved circulation patterns within the site; expansion of “Kiss and Ride” area; provision of lighted bus shelters; wheelchair accessibility improvements; connections to shared use trails; and provisions for on-site bicycle storage and parking. This expansion also included a Bus Transfer Facility building which comprises approximately 1,000 gross square feet of a climate-controlled waiting area with supporting customer services, a “connector store” with information/fare media accessible to the mobility impaired, public rest rooms, information displays, and drinking fountains. These additions support keeping Fairfax County facilities environmentally friendly and include solar panels with net metering for electric service, biofilters for low impact development (LID) features, and expanded Fairfax Connector bus service for local residents and commuters. Services provided by RDA included boundary and topographic surveys, complete site design (entailing vehicular/pedestrian access design, site grading, site circulation, parking lot layout, erosion-siltation controls, landscaping, utility design and potential relocation, and stormwater management), preparation/submittal/permitting of the site plan through the Fairfax County DPWES, preparation of any required plats, oversight of design subconsultants (architectural/MEP), and construction management.</p>			

**ATTACHMENT 4.2.6(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Start Date	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: <b>VRE Broad Run/ Airport Station Commuter Lot Expansion</b> Location: <b>Bristow, VA</b>	Name: <b>Prince William County Department of Public Works</b>	Name of Client: <b>Prince William County DOT</b> Phone: <b>703-792-6825</b> Project Manager: <b>Ricardo Canizales</b> Phone: <b>703-792-6825</b> Email: <b>rcanizales@pwcgov.org</b>	<b>01/2011</b>	<b>09/2011</b>	<b>\$550</b>	<b>\$550</b>	<b>\$81</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

<b>Similar Scope of Work:</b>	<b>OFFICE LOCATION WHERE DESIGN WORK WAS PERFORMED</b>
<ul style="list-style-type: none"> <li>• Roadways</li> <li>• Parking Lot Design</li> <li>• Survey</li> <li>• Environmental Permits</li> <li>• Erosion Control Plans</li> <li>• Signage and Markings</li> <li>• Utility Relocation</li> <li>• Drainage</li> <li>• Lighting</li> <li>• QA/QC</li> <li>• Overall Project Management</li> <li>• SWM</li> <li>• Stakeholder Coordination/Public Involvement</li> </ul>	<p><b>Rinker Design Associates, P.C. (RDA) – Manassas, VA Office</b></p>
<b>Proposed Personnel on Project:</b>	<b>AS PRIME DESIGNER OR SUBCONSULTANT</b>
<p>Mo Kim (RDA) Mark Gunn (RDA) Tony Dean (RDA) Adam Welschenbach (RDA)</p>	<p><b>Prime Designer</b></p>
	<b>PROJECT SCOPE</b>
	<p>The Broad Run Commuter Lot Expansion was designed by RDA as a Task Order Contract for Prince William County's Department of Transportation. The existing commuter lot serving the Virginia Railway Express (VRE) Broad Run/Airport Station located in Bristow, Virginia was not large enough to meet the demand of VRE users. To alleviate this problem, RDA performed a fast-track design of an expansion to the existing lot. The proposed design, done in accordance with Prince William County's site development requirements, added 170 additional spaces to the existing facility. Project components include site grading, erosion/sediment control plans, parking lot lighting design, stormwater management and drainage design, and landscape design. Plan development was performed in coordination with Virginia Railway Express (VRE) and Prince William County Department of Transportation. Complete design including survey, geotechnical investigation, and site development were performed in less than three months following NTP. The project was constructed by the Prince William County Department of Public Works.</p>



**ATTACHMENT 4.2.6(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Start Date	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: <b>Route 234 Park and Ride Lot Expansion</b> Location: <b>Woodbridge, VA</b>	Name: <b>The Anderson Company</b>	Name of Client: <b>Prince William County DOT</b> Phone: <b>703-792-6825</b> Project Manager: <b>Ricardo Canizales</b> Phone: <b>703-792-6825</b> Email: <b>rcanizales@pwcgov.org</b>	<b>04/2009</b>	<b>05/2010</b>	<b>\$3,973</b>	<b>\$3,973</b>	<b>\$620</b>

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. The Work History Form shall include only one singular project. Projects with multiple phases, segments, elements, and/or contracts shall not be considered a single project. If a project listed includes multiple phases, segments, elements, and/or contracts, the Offeror's Proposal may be rendered non-responsive. In any case, only the first phase, segment, element, and/or contract listed will be evaluated.

<p align="center"><b>Similar Scope of Work:</b></p> <ul style="list-style-type: none"> <li>• Access Road Design</li> <li>• Parking Lot (Park and Ride) Design</li> <li>• Survey</li> <li>• Environmental Permits</li> <li>• Erosion Control Plans</li> <li>• Signage and Markings</li> <li>• Utility Relocation</li> <li>• Drainage</li> <li>• Lighting</li> <li>• QA/QC</li> <li>• Overall Project Management</li> <li>• Storm Water Management</li> <li>• Stakeholder Coordination/Public Involvement</li> </ul>	<p align="center"><b>OFFICE LOCATION WHERE DESIGN WORK WAS PERFORMED</b></p> <p><b>Rinker Design Associates, P.C. (RDA) – Manassas, VA Office</b></p>		
<p align="center"><b>Proposed Personnel on Project:</b></p> <p>Mo Kim (RDA) Mark Gunn (RDA) Tony Dean (RDA) Steve Thompson (RDA) Adam Welschenbach (RDA) Carolyn Qadir (RDA)</p>	<p align="center"><b>AS PRIME DESIGNER OR SUBCONSULTANT</b></p> <p><b>Prime Designer</b></p>		 
<p align="center"><b>PROJECT SCOPE</b></p> <p>RDA was selected by Prince William County Department of Transportation to design the expansion of an existing VDOT Park and Ride facility at the intersection of Route 234 and Route 1 in Dumfries, Virginia. This VDOT-funded, locally-administered project included a study phase in which RDA performed a site evaluation and parking/access study to determine a preferred lot layout. Working with County staff, RDA developed three layouts and provided an analysis and cost estimate for each option, allowing the County to select an alternative for final design. In the final design phase, RDA prepared complete construction plans. Final design included traffic analyses including traffic counts, an operational analysis of the Park and Ride entrance as well as the adjacent intersections on Route 1 and Route 234, and a traffic signal warrant analysis. Construction plans included signal modifications, parking lot design, lighting plans, turn lane improvements on Route 1 and Route 234, pedestrian improvements, drainage and stormwater management design, construction sequencing plans, final cost estimates, and complete bid documents and specifications. The final expansion increased the number of parking spaces from 343 to 852, including 36 bicycle slots.</p>			

## 4.2.7 CONCEPTUAL ROADWAY PLANS



PROJECT MANAGER VDOT  
 SURVEYED BY, DATE VDOT  
 DESIGN BY VDOT  
 SUBSURFACE UTILITY BY, DATE VDOT

# PROJECT LOCATION MAP

PRINCE WILLIAM COUNTY

	REVISED	STATE	PROJECT	SHEET NO.
		VA.	PNR	IA
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division or Co. Name) (Location), Virginia (TECHNICAL DISCIPLINE)	VDOT (Division or Co. Name) (Location), Virginia (TECHNICAL DISCIPLINE)			



NOT TO SCALE

LOCATION MAP LEGEND	
	VA Interstate Highway
	VA Secondary Highway
	VA Secondary Highway



PROJECT MANAGER VDOT
SURVEYED BY, DATE VDOT
DESIGN BY VDOT
SUBSURFACE UTILITY BY, DATE VDOT

SURVEY ALIGNMENT DATA SHEET

NOTES:

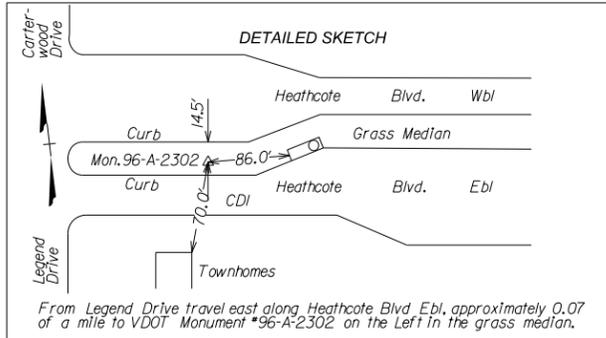
- 1. The mapping shown hereon is a compilation of a field run topographic survey and previous mapping for the Virginia Department of Transportation...
2. The area marked on the mapping as "areas under construction" are actively being demolished and reconstructed...
3. This survey was completed under the direct and responsible charge of Brian P. Fletcher, L.S. from an actual ground survey...
4. This survey was prepared without the benefit of a title report; therefore, not all encumbrances to the property are necessarily shown here on.

Table with columns: REVISION, STATE, ROUTE, PROJECT, SHEET NO. Includes project details for VA, PNR, and IF.

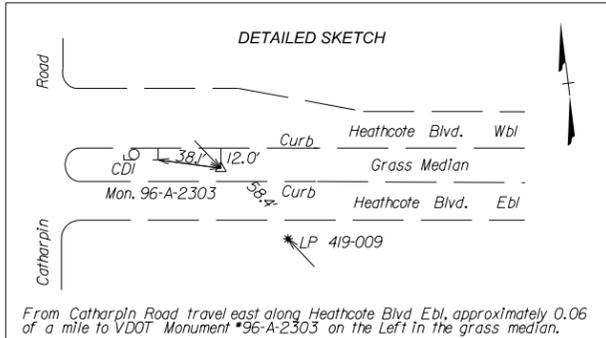
PLANIMETRIC LEGEND

- Advertising Sign
Bore Hole
Bench Mark
Ballard Post
Photo Control Point
Control Station
Cell Tower
Drainage Flow Arrow (Storm Drainage)
Filler Cap (Gas Stations)
Flow Arrow (Streams & Rivers)
Flag Pole
Secondary Control Point
Filler Pipe (Gas Stations)
Gas Tank Access Manhole (Gas Stations)
Gravesite Marker
Guard Post
Gas Vent Pipe (Gas Stations)
Mail Box
Mine Entrance
Node Point
Property Line Symbol
Found Monumentation
Property Monument
Metal or Wooden Post
Monitoring Well
Road Arrow
Reference
Right of Way Monument
VDOT Commission Monument
Iron Right of Way Pin
Railroad Mile Marker
Railroad Right of Way Monument
Railroad Signal Pole or Gate
Railroad Telegraph Pole
Railroad Telephone Pole
Railroad Switch
Shrub
Storm Sewer Manhole
Photogrammetric Target
Tree
Wetland Flag Automatic
Wetland Flag Manual
Bridge Elevation
Plan Elevation
Water Elevation
Elevation Tick Mark
Connected Plat Symbol
Brush Line
Pipe Culverts
City Line
County Line
Curb Only
Curb and Gutter
Fence Line
Guardrail
Hedge Row
Jersey Barrier
Obscure Areas
Paved Ditches
Railroad
Right of Way
State Line
Edges of Water
Sidewalks
Wetlands
Woods
Designate size of culverts (Variable from 12" to 120")

Virginia Department of Transportation Horizontal Control
Control Station I. D. 96-A-2302
Route 66 City/County Prince William Date 06-09-14
Established By Rice Associates
Vertical Datum Based On NAVD88 Geoid 2012a
Horizontal Datum Based On NAD83 Zone (North) South (circle one)
Azimuth to Station
Latitude: 38°48'38.52706" N (5 Decimal Places)
Longitude: 77°36'49.76350" W (5 Decimal Places)
Geoid Separation (N) : -32.072
Ellipsoid Height (h) : 60.710 (WGS 84)
Control Based On: Station (Name or PID) PID:UA0015 or
Project (Monument No.) Order:
Virginia State Plane Coordinates - NAD 83 Values - Feet U.S. Survey
East (X) 11736134.867 ft
North (Y) 6979930.013 ft
Ortho. Elevation (H) 304.419 ft
To convert state plane units to VDOT project values, use the following formula.
1. Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale and Elevation Factor 1.000080206 (9 Decimal Places).
A Reverse of this Procedure will Transform VDOT Project Coordinates to NAD 83 Values.
Sketch and Detailed Description Below \*



Virginia Department of Transportation Horizontal Control
Control Station I. D. 96-A-2303
Route 66 City/County Prince William Date 06-09-14
Established By Rice Associates
Vertical Datum Based On NAVD88 Geoid 2012a
Horizontal Datum Based On NAD83 Zone (North) South (circle one)
Azimuth to Station
Latitude: 38°48'35.77441" N (5 Decimal Places)
Longitude: 77°36'38.35133" W (5 Decimal Places)
Geoid Separation (N) : -32.074
Ellipsoid Height (h) : 59.065 (WGS 84)
Control Based On: Station (Name or PID) PID:UA0015 or
Project (Monument No.) Order:
Virginia State Plane Coordinates - NAD 83 Values - Feet U.S. Survey
East (X) 11736334.282 ft
North (Y) 6979240.081 ft
Ortho. Elevation (H) 299.012 ft
To convert state plane units to VDOT project values, use the following formula.
1. Multiply the Easting And Northing Values (For Both Zones) by the Project Specific Combined Scale and Elevation Factor 1.000080206 (9 Decimal Places).
A Reverse of this Procedure will Transform VDOT Project Coordinates to NAD 83 Values.
Sketch and Detailed Description Below \*



Survey Control
Point 100 N 6,983,255.92 E 11,730,512.23 Sta 100+00.00 Iron Rod/Cap
Course from 100 to 101 N 86° 50' 08" W Dist 483.73
Point 101 N 6,983,282.62 E 11,730,029.24 Sta 104+83.73 Iron Rod/Cap

Route : Rte. 15
Project : PR-15 076-236
District : Nova
County : Fairfax
From : Int-x of I-66 & Rte. 15
To : Int-x of Rte. 15 & Heathcote Blvd.
Horizontal Datum Based On NAD83
Vertical Datum Based On NAVD88
Survey By : B. P. Fletcher, L.S.
Operator : dlungren
Date : 10 - 27 - 2016
Scale : 1" = 25'
UPC\* : 10946

R.F.P. PLAN

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

Table with columns: PROJECT, SHEET NO. Values: PNR, IF

Design Associates, P.C.
Civil Engineering - Surveying - Land Planning
Transportation - Environmental
Right of Way Services

\$TIME \$ST AMP \$

PROJECT MANAGER VDOT  
 SURVEYED BY, DATE VDOT  
 DESIGN BY VDOT  
 SUBSURFACE UTILITY BY, DATE VDOT

# CONSTRUCTION ALIGNMENT DATA SHEET

REVISED	STATE		PROJECT	SHEET NO.
	VA.	PNR		
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)		

## CONSTRUCTION BASELINE SERVICE ROAD

## CONSTRUCTION BASELINE HEATHCOTE BLVD.

Chain SERVICEROAD contains:  
 SERVICEROAD1 CUR SERVICEROAD\_3 CUR SERVICEROAD\_6 CUR SERVICEROAD\_7 SERVICEROAD9

Chain HEATHCOTE contains:  
 CUR C3

Beginning chain SERVICEROAD description  
 Feature: - 25 Scale Baselines

Beginning chain HEATHCOTE description

Point SERVICEROAD1 N 6,982,852.76 E 11,729,539.95 Sta 99+17.68

Course from SERVICEROAD1 to PC SERVICEROAD\_3 S 11° 01' 04.93" W Dist 73.54

Curve Data				
*-----*				
Curve SERVICEROAD_3				
P.I. Station	100+54.55	N	6,982,718.42	E 11,729,513.79
Delta	= 110° 25' 07.09"	(LT)		
Degree	= 130° 13' 03.65"			
Tangent	= 63.33			
Length	= 84.80			
Radius	= 44.00			
External	= 33.11			
Long Chord	= 72.27			
Mid. Ord.	= 18.89			
P.C. Station	99+91.22	N	6,982,780.58	E 11,729,525.90
P.T. Station	100+76.02	N	6,982,728.76	E 11,729,576.27
C.C.		N	6,982,772.17	E 11,729,569.09
Back	= S 11° 01' 04.94" W			
Ahead	= N 80° 35' 57.84" E			
Chord Bear	= S 44° 11' 28.61" E			

Course from PT SERVICEROAD\_3 to PC SERVICEROAD\_6 N 80° 35' 57.84" E Dist 320.90

Curve Data				
*-----*				
Curve SERVICEROAD_6				
P.I. Station	104+28.25	N	6,982,786.29	E 11,729,923.77
Delta	= 31° 47' 56.05"	(RT)		
Degree	= 52° 05' 13.46"			
Tangent	= 31.33			
Length	= 61.05			
Radius	= 110.00			
External	= 4.38			
Long Chord	= 60.27			
Mid. Ord.	= 4.21			
P.C. Station	103+96.91	N	6,982,781.17	E 11,729,892.86
P.T. Station	104+57.96	N	6,982,774.35	E 11,729,952.74
C.C.		N	6,982,672.65	E 11,729,910.83
Back	= N 80° 35' 57.84" E			
Ahead	= S 67° 36' 06.11" E			
Chord Bear	= S 83° 30' 04.13" E			

Curve Data				
*-----*				
Curve SERVICEROAD_7				
P.I. Station	105+43.28	N	6,982,741.84	E 11,730,031.63
Delta	= 75° 35' 49.43"	(LT)		
Degree	= 52° 05' 13.46"			
Tangent	= 85.32			
Length	= 145.14			
Radius	= 110.00			
External	= 29.21			
Long Chord	= 134.84			
Mid. Ord.	= 23.08			
P.C. Station	104+57.96	N	6,982,774.35	E 11,729,952.74
P.T. Station	106+03.10	N	6,982,810.16	E 11,730,082.74
C.C.		N	6,982,876.05	E 11,729,994.66
Back	= S 67° 36' 06.11" E			
Ahead	= N 36° 48' 04.46" E			
Chord Bear	= N 74° 35' 59.18" E			

Course from PT SERVICEROAD\_7 to SERVICEROAD9 N 36° 48' 04.46" E Dist 543.38

Point SERVICEROAD9 N 6,983,245.25 E 11,730,408.24 Sta 111+46.48

Ending chain SERVICEROAD description

Curve Data				
*-----*				
Curve C3				
P.I. Station	104+94.69	N	6,983,229.85	E 11,730,458.18
Delta	= 9° 29' 53.50"	(RT)		
Degree	= 0° 57' 43.98"			
Tangent	= 494.69			
Length	= 987.12			
Radius	= 5,954.57			
External	= 20.51			
Long Chord	= 985.99			
Mid. Ord.	= 20.44			
P.C. Station	100+00.00	N	6,983,518.76	E 11,730,056.62
P.T. Station	109+87.12	N	6,982,878.63	E 11,730,806.56
C.C.		N	6,978,685.24	E 11,726,579.00
Back	= S 54° 15' 56.62" E			
Ahead	= S 44° 46' 03.12" E			
Chord Bear	= S 49° 30' 59.87" E			

Ending chain HEATHCOTE description



PROJECT MANAGER VDOT  
 SURVEYED BY, DATE VDOT  
 DESIGN BY VDOT  
 SUBSURFACE UTILITY BY, DATE VDOT

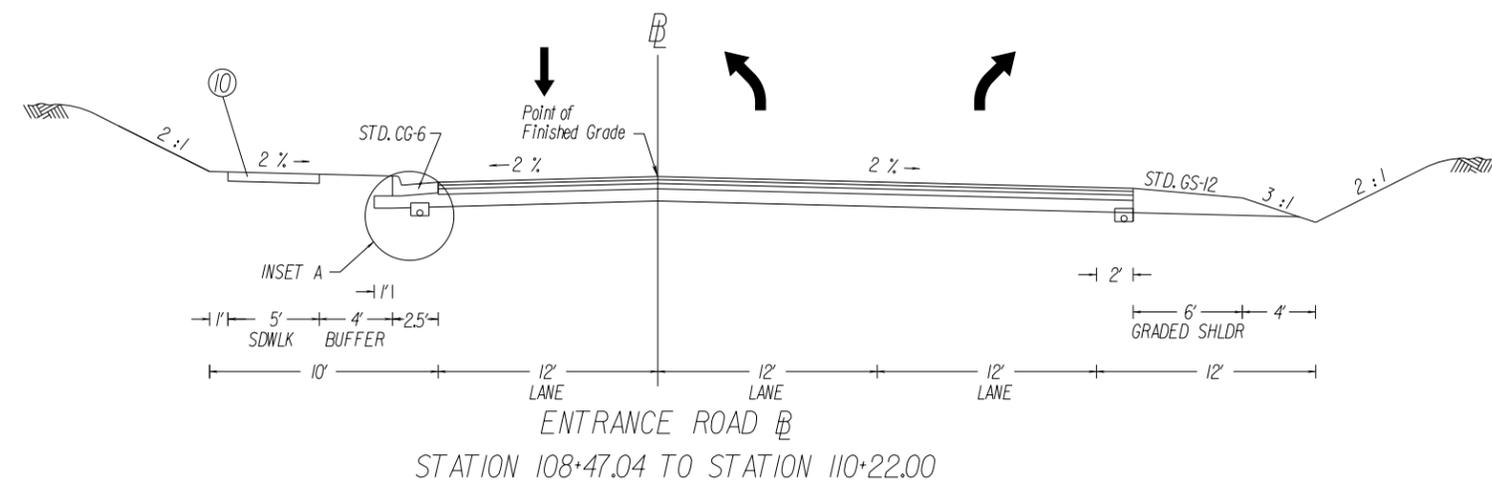
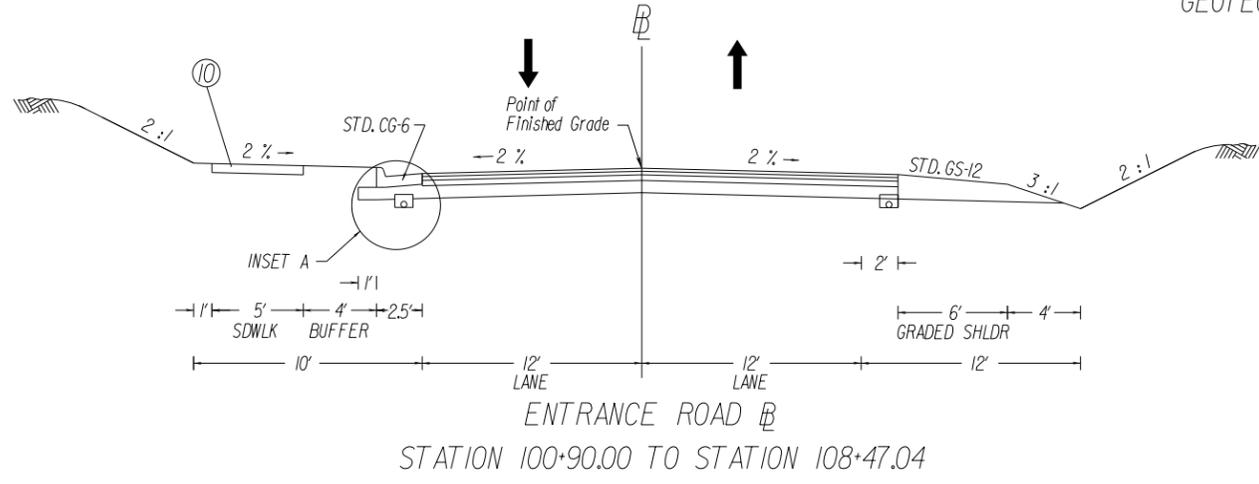
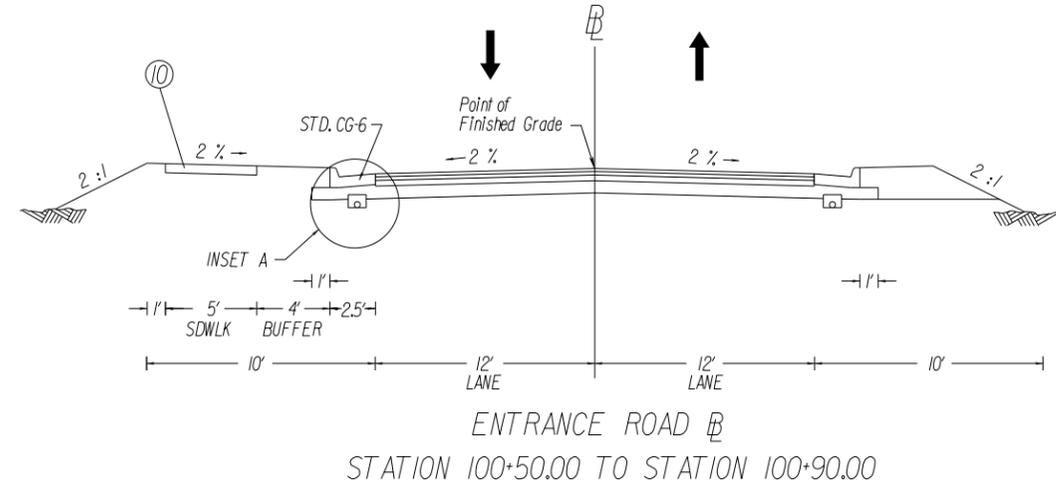
VDOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))	VDOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))
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REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	PNR	PNR	2A

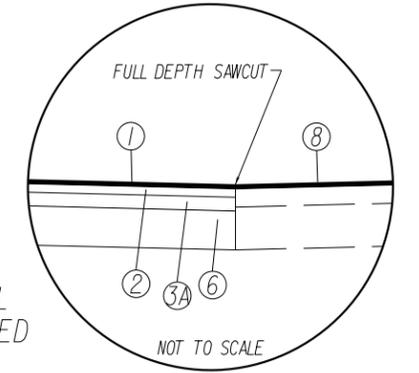
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

# TYPICAL SECTIONS

- 1 1" ASPHALT CONCRETE SURFACE COURSE TYPE SM-4.75A @ 115 LBS.PER SQ.YD.
- 2 2" ASPHALT CONCRETE TYPE IM-19.0A @ 230 LBS.PER SQ.YD.
- 3 3" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A
- 3A 6" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A
- 4 8" PLAIN JOINTED CONCRETE PAVEMENT STANDARD PR-2 W/ MAX.15' JOINT SPACING. A JOINT LAYOUT PLAN TO BE PROVIDED BY THE DESIGN-BUILDER TO VDOT FOR APPROVAL PRIOR TO CONSTRUCTION.
- 5 6" AGGREGATE BASE MATERIAL TYPE 1,NO.21B
- 6 8" AGGREGATE BASE MATERIAL TYPE 1,NO.21B
- 8 2" MILLING & REPLACE WITH 2" ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D @ 235 LBS.PER SQ.YD.
- 9 STANDARD UD-4 REQ'D
- 10 4" HYDRAULIC CEMENT CONCRETE & 4" AGGREGATE BASE MATERIAL TYPE 1,NO.21B

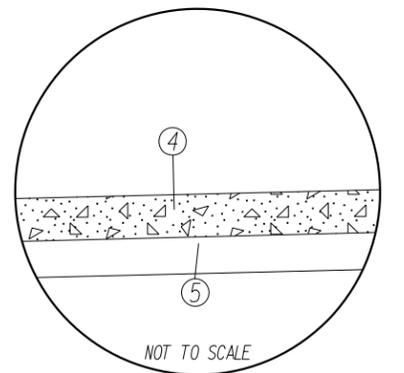


END OF CONSTRUCTION TIE-IN WITH HEATHCOTE BLVD

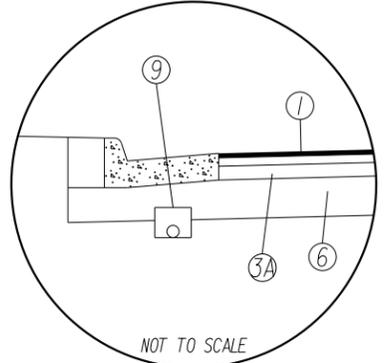
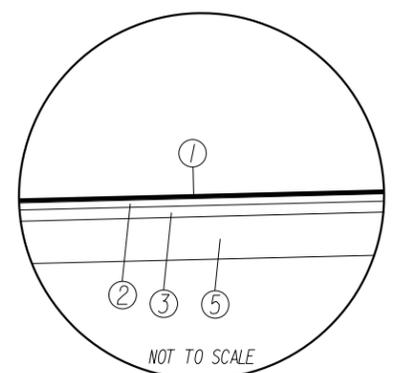


(X) UNSUITABLE TREATMENT/REMOVAL SHALL BE IN ACCORDANCE WITH FINAL APPROVED GEOTECHNICAL RECOMMENDATIONS

BUS PAD PAVEMENT INSET



PARKING LOT PAVEMENT INSET



INSET A

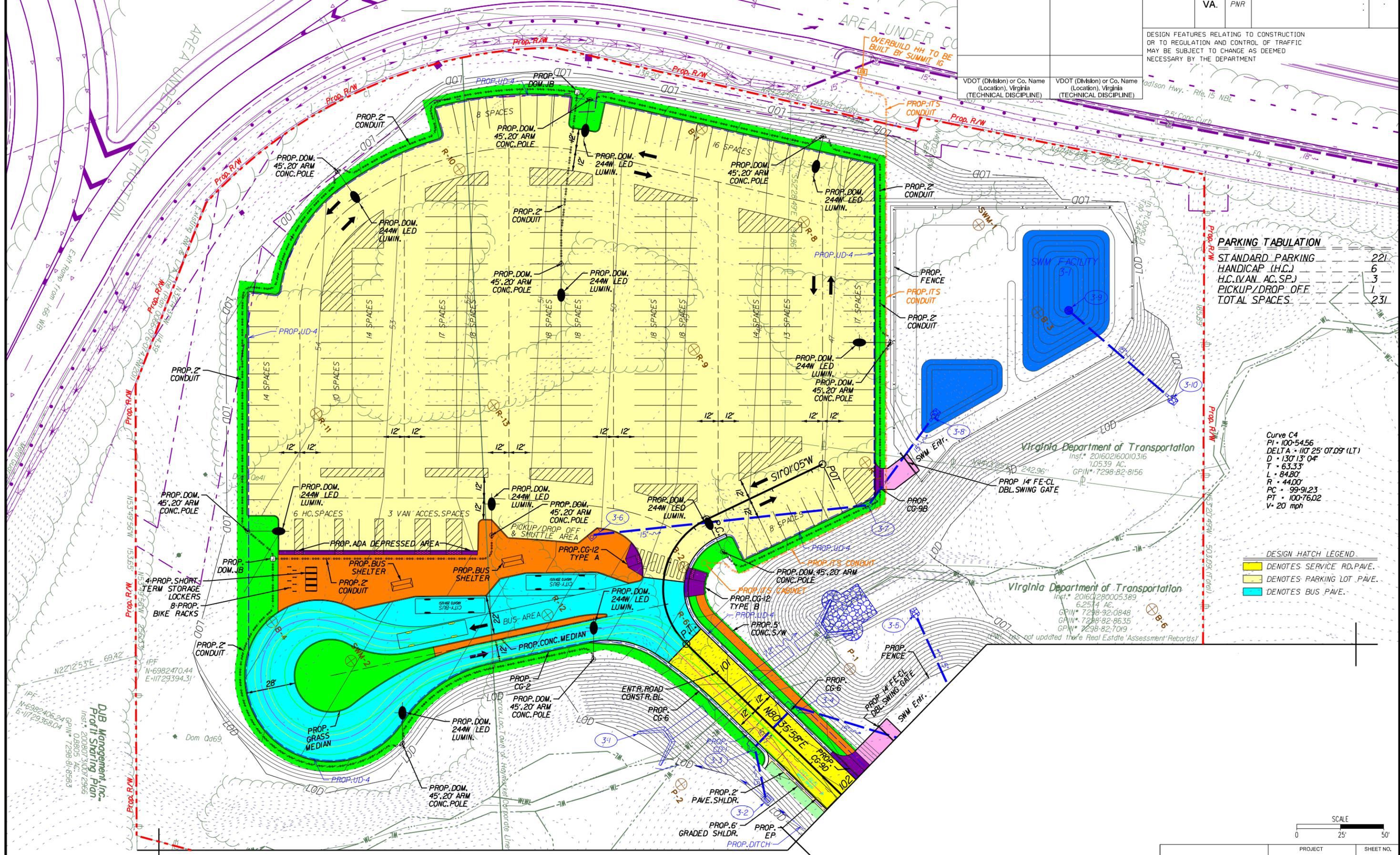
NOT TO SCALE	PROJECT PNR	SHEET NO. 2A
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PROJECT MANAGER VDOT  
 SURVEYED BY, DATE VDOT  
 DESIGN BY VDOT  
 SUBSURFACE UTILITY BY, DATE VDOT

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	PNR	PNR	

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))  
 VDOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))



**PARKING TABULATION**

STANDARD PARKING	221
HANDICAP (H.C.)	6
H.C. (VAN AC. SP.)	3
PICKUP/DROP OFF	1
<b>TOTAL SPACES</b>	<b>231</b>

Curve C4  
 PI = 100-54.56  
 DELTA = 110° 25' 07.09" (LT)  
 D = 130' 13" 04"  
 T = 63.33'  
 L = 84.80'  
 R = 44.00'  
 PC = 99-91.23  
 PT = 100-76.02  
 V = 20 mph

**DESIGN HATCH LEGEND**

	DENOTES SERVICE RD. PAVE.
	DENOTES PARKING LOT PAVE.
	DENOTES BUS PAVE.

Virginia Department of Transportation  
 Inst. # 201602160010316  
 1,053.39 AC.  
 GPIN # 7298-82-8156

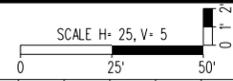
Virginia Department of Transportation  
 Inst. # 201602160005389  
 6,251.14 AC.  
 GPIN # 7298-82-0848  
 GPIN # 7298-82-8635  
 GPIN # 7298-82-7019

(PWL last updated thru Real Estate 'Assessment' Records)

DJB Management, Inc.  
 Port II Starting Plan  
 Inst. # 200807310072966  
 0.8805 AC.  
 GPIN # 7298-81-8583

SCALE  
 0 25' 50'

PROJECT MANAGER <Project\_Mgr\_Name (000) 000-0000 (District)> \_\_\_  
 SURVEYED BY, DATE <Surveyor Name (000) 000-0000 (District)> \_\_\_  
 DESIGN BY <Designer Name (000) 000-0000 (District)> \_\_\_  
 SUBSURFACE UTILITY BY, DATE <Surveyor Name (000) 000-0000 (District)> \_\_\_

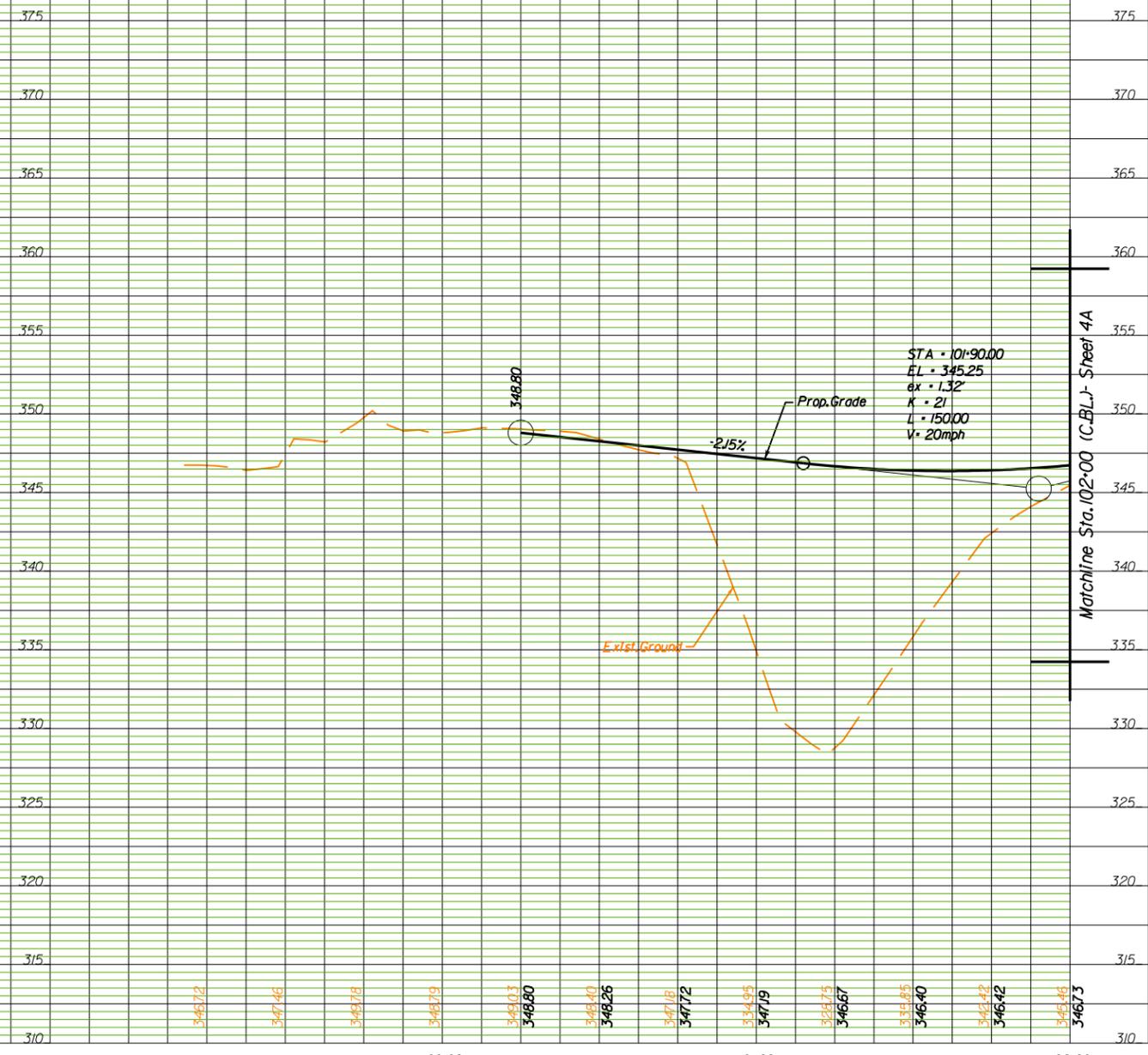
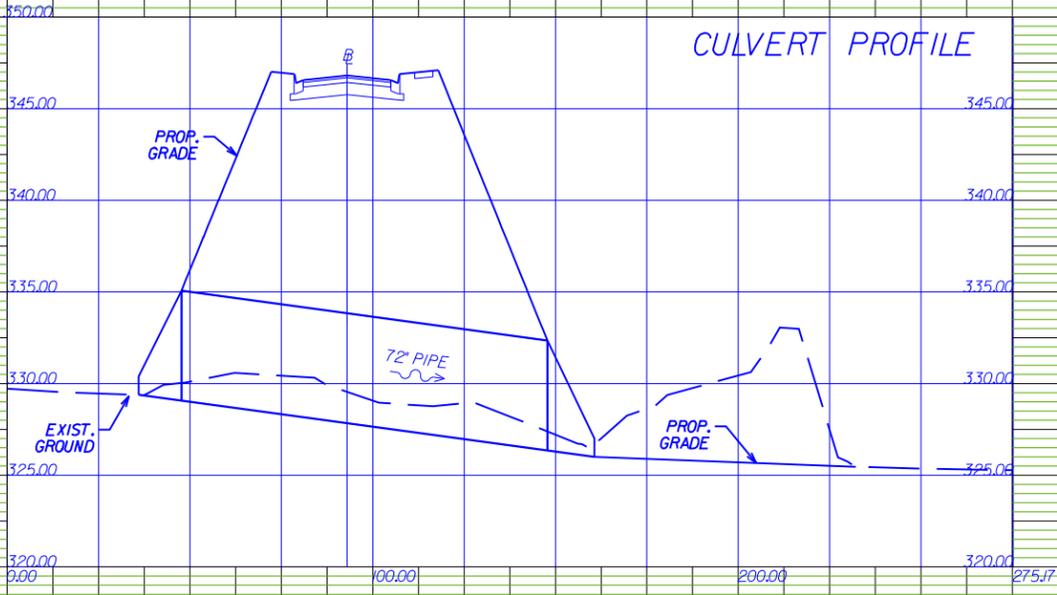


REVISED	STATE		SHEET NO.
	ROUTE	PROJECT	
	VA.		3A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT (Division) or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE)

# Profile Sta. 99+17.60 to Sta. 102+00 Service Road



Design Associates, P.C.  
 Civil Engineering, Surveying, Land Planning, Environmental Engineering, Transportation, Right of Way Services  
 10710-B Rockingham  
**Crda Rinker**  
 Office Locations: Washington, VA; Fairfax, VA; Loudoun, VA; Northern Neck, VA; Potomac, MD; Reston, VA; Tyngsboro, VA; York, VA

R.F.P. PLAN

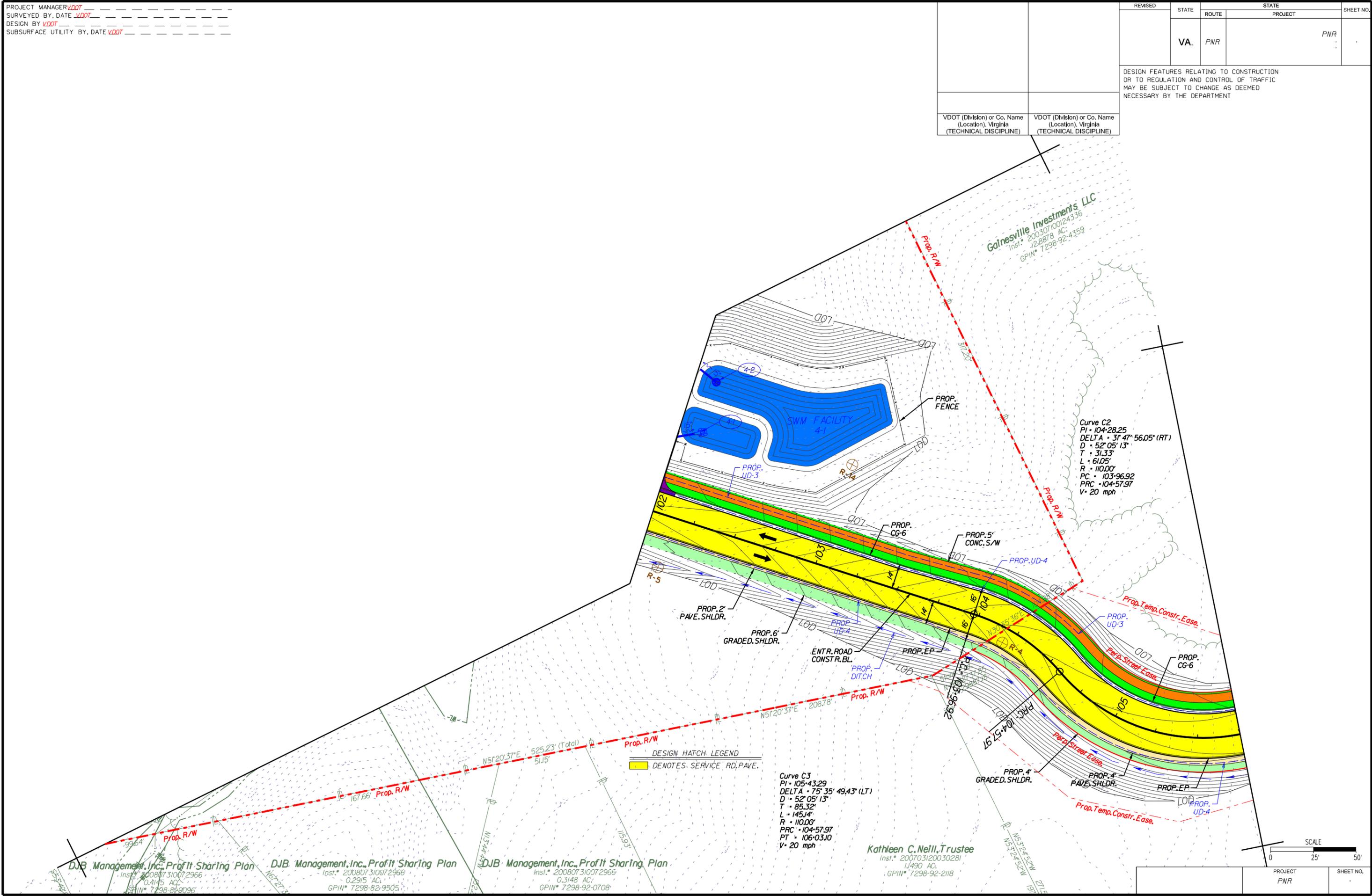
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

PROJECT MANAGER V.DOT  
 SURVEYED BY, DATE V.DOT  
 DESIGN BY V.DOT  
 SUBSURFACE UTILITY BY, DATE V.DOT

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	PNR	PNR	
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
V.DOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))		V.DOT (Division or Co. Name (Location), Virginia (TECHNICAL DISCIPLINE))		

**Design Associates, P.C.**  
 Civil Engineering - Surveying - Land Planning - Transportation - Environmental  
 10000 Old Dominion Blvd., Suite 200, Fairfax, VA 22031  
 Phone: (703) 261-1000 Fax: (703) 261-1001  
 www.designassoc.com

**CDARinker**  
 DESIGN ASSOCIATES, P.C.  
 10000 Old Dominion Blvd., Suite 200, Fairfax, VA 22031  
 Phone: (703) 261-1000 Fax: (703) 261-1001  
 www.designassoc.com



R.F.P. PLAN

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

SCALE  
 0 25' 50'

PROJECT	SHEET NO.
PNR	

\$ TIME \$T AMPS







# LANE

14500 AVION PARKWAY  
SUITE 200  
CHANTILLY, VA 20151  
703.222.5670

[www.laneconstruct.com](http://www.laneconstruct.com)

SEPTEMBER 8, 2017

ORIGINAL

## PRICE PROPOSAL

# PARK AND RIDE LOT AT I-66 / ROUTE 15 INTERCHANGE (IN THE NORTHEAST QUADRANT)

TOWN OF HAYMARKET AND  
PRINCE WILLIAM COUNTY, VIRGINIA

STATE PROJECT NO.: PR15-076-236  
FEDERAL PROJECT NO.: STP-5A01(767)  
CONTRACT ID NUMBER: C00109486DB99



PREPARED FOR

SUBMITTED BY



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: Park and Ride Lot at I-66/Route 15 Interchange  
Contract ID Number: C00109486DB99  
The LANE Construction Corporation**

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➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.3.1)**
  - Price Adjustment Information and Forms for Fuel and Asphalt, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
  - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
  - Sworn Statement Forms (C-104, C-105, Attachments 4.3.4(a) and 4.3.4(b))**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
-

**ATTACHMENT 3.4****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

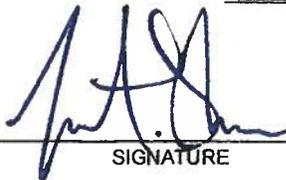
RFP NO. C00109486DB99  
 PROJECT NO.: PR15-076-236, P101, R201, C501

**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.4, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP – July 7, 2017  
(Date)
2. Cover letter of RFP Addendum No. 1 – August 8, 2017  
(Date)
3. Cover letter of RFP Addendum No. 2 – August 17, 2017  
(Date)



SIGNATURE

09/08/17

DATE

Jan A. Sherman

PRINTED NAME

District Manager

TITLE

## 4.3.1 COST BREAKDOWN SUMMARY

**ATTACHMENT 4.3.1**

**PRICE PROPOSAL FORM**

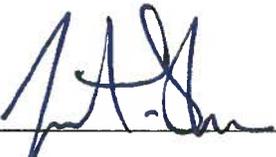
**4.3.1** Offeror shall specify the pricing information for the items below, the dollars amount shall be in whole numbers:

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ 450,000
Construction Services (exclude QA/QC), LS	\$ 4,098,800
Quality Assurance (QA) (Construction), LS	\$ 275,000
Quality Control (QC) (Construction), LS	\$ 175,000

Proposal Price; (Specify the Total Lump Sum price in both numbers and words, this price shall equal to the total sum of the items listed above)

Lump Sum (LS): Four Million Nine Hundred Ninety Eight Thousand  
Eight Hundred Dollars and no cents (\$ 4,998,800.00 )

Signature:  Date: 09/08/17

Design-Builder: The LANE Construction Corporation

Vendor No.: L002



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**EXHIBIT 6.3(a)**  
**ADJUSTMENT FOR ASPHALT**

**SPECIAL PROVISION FOR**  
**ASPHALT MATERIAL PRICE ADJUSTMENT for DESIGN-BUILD PROJECTS**

July 6, 2017

All asphalt material listed in the attached "Master Listing of Asphalt Material Items Eligible for Price Adjustment" will be adjusted in accordance with the provisions as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. Any item added through a Work Order which contains Asphalt Material will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64S-22 f.o.b. price per ton and an average PG 64E-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Scheduling and Contracts Division website on or about the first weekday of the following month. In the event the average prices were to change 10 percent or more of the Base Index during the middle of the month, the Design Builder can submit a letter to the Department and the supplier that provides evidence of the difference in price. Upon receipt of the letter consideration will be given to extend additional adjustments as deemed necessary.

This monthly statewide average price will be the Base Index for all contracts on which Price Proposals are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal/Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Calculations must be done for each type of Asphalt Material put in place each month, whether the Current Index is higher or lower than the Base Index. The calculation for the adjustment shall be shown as follows:

$$A = Q \times \%AC \times IC$$

Where: A = Asphalt Adjustment Dollar Amount  
Q = Quantity of Asphalt Material put in place during the month  
%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula  
IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

*Example Calculation for Negative Price Adjustment (Credit back to VDOT):*

7,500 Tons of SM-12.5A put in place during the month (Q), Job Mix is 6.1% Asphalt Cement for SM-12.5A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$500/Ton, Difference of - \$15.00/Ton (IC)

$$7,500 \text{ Tons SM-12.5A} \times 6.1\% \times -\$15.00/\text{Ton} = -\$6,862.50 \text{ Adjustment Amount}$$

*Example Calculation for Positive Price Adjustment (Paid to the Design-Builder):*

10,000 Tons of BM-25.0A put in place during the month (Q), Job Mix is 5.2% Asphalt Cement for BM-25.0A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$560/Ton, Difference of + \$45.00/Ton (IC)

$$10,000 \text{ Tons BM-25.0A} \times 5.2\% \times \$45.00/\text{Ton} = +\$23,400.00 \text{ Adjustment Amount}$$

Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time. Items the Design-Builder claims in its application of payment for asphalt adjustments must include supporting calculations certified by the Quality Assurance Manager (QAM). These calculations must be completed relative to the calendar month under which the work was performed and shall be submitted for either positive or negative adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

VIRGINIA DEPARTMENT OF TRANSPORTATION  
**MASTER LISTING OF**  
**ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT**  
 (10-27-09)

ITEM	DESCRIPTION	Quantity	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material		Ton	313
10416	Liquid Asphalt		Gal	311 312
10420	Blotted Seal Coat Ty. B		Sy	ATTD
10422	Blotted Seal Coat Ty. C		Sy	ATTD
10423	Blotted Seal Coat Ty. C-1		Sy	ATTD
10424	Blotted Seal Coat Ty. D		Sy	ATTD
10598	Ns Asphalt Concrete		Ton	315
10606	Asphalt Concrete Ty. SM-9.5		Ton	315
10607	Asphalt Concrete Ty. SM-12.5A		Ton	315
10608	Asphalt Concrete Ty. SM-12.5D		Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (76-22)		Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	1,500	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D		Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0		Ton	315
10613	Asphalt Concrete Ty. BM-37.5		Ton	315
10635	Asphalt Concrete Ty. SM-9.5A		Ton	315
10636	Asphalt Concrete Ty. SM-9.5D		Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (76-22)		Ton	315
10639	Asphalt Concrete Ty. SM-19.0		Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	2,800	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D		Ton	315
10650	Stone Matrix Asphalt SMA-9.5(70-22)		Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)		Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)		Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)		Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)		Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)		Ton	317
10701	Liquid Asphalt Coating		Sy	ATTD
12505	Asphalt Concrete Curb Backup Material		Ton	315
13240	Asphalt Concrete Sidewalk		Ton	504
16110	Emul. Asph. Slurry Seal Type A		Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B		Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C		Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B		Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C		Ton	ATTD
16146	Latex Mod. Emul. Treat. Rutfilling		Ton	ATTD
16161	Modified Single Seal		Sy	ATTD
16162	Modified Double Seal		Sy	ATTD
16249	Nontracking Tack Coat		Gal.	ATTD

16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type li	Ton	ATTD
16504	Surf.Preparation & Restoration Type lii	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete SM-4.75A	775	Ton
68240	NS Asphalt Concrete	Ton	315

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**EXHIBIT 6.3 (c)  
ADJUSTMENT FOR FUEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
OPTIONAL ADJUSTMENT FOR FUEL  
DESIGN-BUILD PROJECTS**

June 30, 2011  
(Revised) November 5, 2012

In the event the Design-Builder elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link <http://www.virginiadot.org/business/resources/masteroptionalfuelitems.pdf>. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department's master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in within the Schedule of Values those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Schedule of Values will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)  
B = Base index price

E = Current index price  
Q = Quantity of individual units of work  
F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

I elect to use this provision

I elect not to use this provision

Date: 09/08/17

Signature: 

Design-builder: The LANE Construction Corp.

Vendor No.: L002



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE The Lane Construction Corporation As principal, and Liberty Mutual Insurance Company Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

SIGNED, sealed and dated this 24th Day of August, 20 17

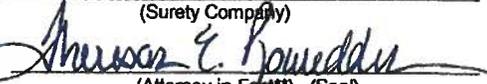
WHEREAS, the above said principal is herewith submitting its proposal for: Park and Ride Lot at I-99/Route 15 Interchange, Prince William County, VA  
PROJECT NUMBER: C00109486DB99

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be awarded the contract upon said proposal and shall within the time specified in the Specifications after the notice of such award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will pay unto the obligee the difference in money between the amount of the bid of the said principal and the amount for which the obligee may legally contract with another party to perform the said work if the latter amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

The Lane Construction Corporation  
(Principal\*)  
By:   
(Officer, Partner or Owner) (Seal)  
**Mark J. Tomkalski**  
**Executive Vice President & CFO**  
(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)  
(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

Liberty Mutual Insurance Company  
(Surety Company)  
By:   
(Attorney-in-Fact\*\*) (Seal)  
Therasan E. Rowedder, Attorney-in-Fact  
175 Berkeley Street, Boston, MA 02116  
(Address)

By: \_\_\_\_\_  
(Surety Company)

By: \_\_\_\_\_  
(Attorney-in-Fact\*\*) (Seal)

By: \_\_\_\_\_  
(Address)

\*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.  
Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

Electronic Bid Bond ID# \_\_\_\_\_ Company/Bidder Name \_\_\_\_\_ Signature and Title \_\_\_\_\_

\*\*Attach copy of Power of Attorney

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7774602

Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS. That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian Driscoll; Bryan Huft; Gregory J. Steele; Jane Gilson; Jean Correia; Kevin A. White; Maria Chaves; Mark P. Herendeen; Theresan E. Rowedder

all of the city of Boston, state of MA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surely obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 22nd day of May, 2017.



The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: [Signature]  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 22nd day of May, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Upper Merion Twp. Montgomery County  
My Commission Expires March 28, 2021  
Member, Pennsylvania Association of Notaries

By: [Signature]  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS** – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surely obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surely obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surely obligations.

**Authorization** – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of August, 2017



By: [Signature]  
Renee C. Llewellyn, Assistant Secretary

currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day



90 Fieldstone Court  
 Cheshire, CT 06410-1212  
 203-235-3351  
 203-237-4280 Fax  
 www.laneconstruct.com

Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2017:

**VOTED: That effective January 1, 2017, rescinding all previous authorizations, the following be and hereby are authorized to sign proposals and bid bonds on behalf of this Corporation:**

- Robert E. Alger, President & Chief Executive Officer*
- Donald P. Dobbs, Executive Vice President Administration & Secretary*
- Mark J. Tomkalski, Executive Vice President & Chief Financial Officer*
- Kirk D. Junco, Chief Operating Officer & Executive Vice President*
- David F. Benton, Executive Vice President Operational Services*
- Michael M. Cote, Executive Vice President & Chief Development Officer*
- Jay S. Cruickshank, Executive Vice President & General Counsel*
- Giuseppe Quarta, Executive Vice President*
- Dan A. Haynes, Vice President, Legal*
- Farid K. Hamad, Senior Vice President & Assistant Secretary*
- Joseph P. Lark, Senior Vice President & Assistant Secretary*
- David J. Rankin, Senior Vice President & Assistant Secretary*
- Mark A. Schiller, Senior Vice President & Assistant Secretary*
- Vincent J. Caiola, Vice President, Treasurer & Assistant Secretary*
- Thomas R. Larson, Vice President Engineering*
- Richard A. Bean, Senior District Manager*
- D. Kent Burris, Senior District Manager*
- Michael C. Cuilik, Senior District Manager*
- George A. Hassfurter, Senior District Manager*
- Michael P. Holt, Senior District Manager*
- James O. Hughes, Senior District Manager*
- Rodney P. Lane, Senior District Manager*
- Dennis A. Luzier, Senior District Manager*
- Richard A. McDonough, Senior District Manager*
- Dennis B. O'Connor, Senior District Manager*
- Dyelan J. Phillips, Senior District Manager*
- Brian West, Senior District Manager*
- Louis S. D'Amico, General Manager NY Region*
- Dennis P. Bahls, District Manager*
- Paul K. Barry, District Manager*
- Kenneth P. Cates, District Manager*
- Chad M. Curran, District Manager*
- Christopher E. DuBois, District Manager*
- Gary F. Jerabek, District Manager*
- Kerry D. Kennedy, District Manager*
- Thomas C. Meador, District Manager*
- Jason P. McLearn, District Manager*
- Kenneth K. Prince, District Manager*
- Brad A. Regner, District Manager*
- John F. Roddy, District Manager*
- James S. Seybert, District Manager*
- Jan A. Sherman, District Manager*
- Jeffrey P. Siddens, District Manager*
- David M. Horton, Assistant District Manager*
- Eric G. Ritchie, Assistant District Manager*
- Ryan C. Terry, Assistant District Manager*
- Matthew W. Wright, Assistant District Manager*
- David W. Grey, Senior National Pursuit Manager*
- Scott A. Leach, Director, Quality*
- Timothy R. Kessling, Chief Estimator*
- John F. Rauer, Jr., Senior Plant Manager*
- Thomas L. Barrack, Jr., Plant Manager*
- Timothy C. Gaddy, Plant Manager*
- Lonnie C. Minson, Operations Manager - Plants*
- Joseph J. Spring, Plant Manager*

I hereby certify that the above is a true copy of the Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2017, and that the above vote has not been rescinded and stands in full force and effect as of this date.

August 24, 2017  
 Date

*OP Dobbs*  
 Secretary, THE LANE CONSTRUCTION CORPORATION

State of Connecticut  
 County of New Haven

August 24, 2017  
 Date

Personally appeared before me, Donald P. Dobbs, Secretary, and made oath that the above is a true copy of the December 20, 2016 meeting minutes of the Board of Directors of The Lane Construction Corporation.

*Patricia A. Delekta*  
 Patricia A. Delekta, Notary Public  
 My Commission Expires July 31, 2019



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: PR15-076-236

FHWA: STP-5A01(767)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

**STATEMENT.** In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

**AFFIDAVIT**

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Fairfax County, VA, this 8th day of September, 20 17  
County (City), STATE  
The LANE Construction Corporation By: [Signature] District Manager  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Fairfax

To-wit:  
I Cheryl A. Rasnake, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Jan A. Sherman personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 8th day of September, 20 17  
Cheryl A. Rasnake My Commission expires 09/30/21  
Notary Public

**OR  
UNSWORN DECLARATION**

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
County (City), STATE  
By: \_\_\_\_\_ Title (print)  
(Name of Firm) (Signature)



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT

PROJECT: PR15-076-236

FHWA: STP-5A01(767)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
<u>VTCA</u>	<u>Richmond, VA</u>
<u>ARTBA</u>	<u>Washington, D.C.</u>
<u>AGC of America</u>	<u>Washington, D.C.</u>

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

**Note:** The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:  
CONTRACT ID. NO.:

Form C-105  
page 2

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
  - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Fairfax County, VA, this 8th day of September, 20 17  
County (City), STATE  
The LANE Construction Corporation By: [Signature] District Manager  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Fairfax  
To-wit:

I Cheryl A. Rasnake, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Jan A. Sherman personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 8th day of September, 20 17  
Cheryl A. Rasnake My Commission expires 09/30/21



# LANE

14500 AVION PARKWAY  
SUITE 200  
CHANTILLY, VA 20151  
703.222.5670

[www.laneconstruct.com](http://www.laneconstruct.com)