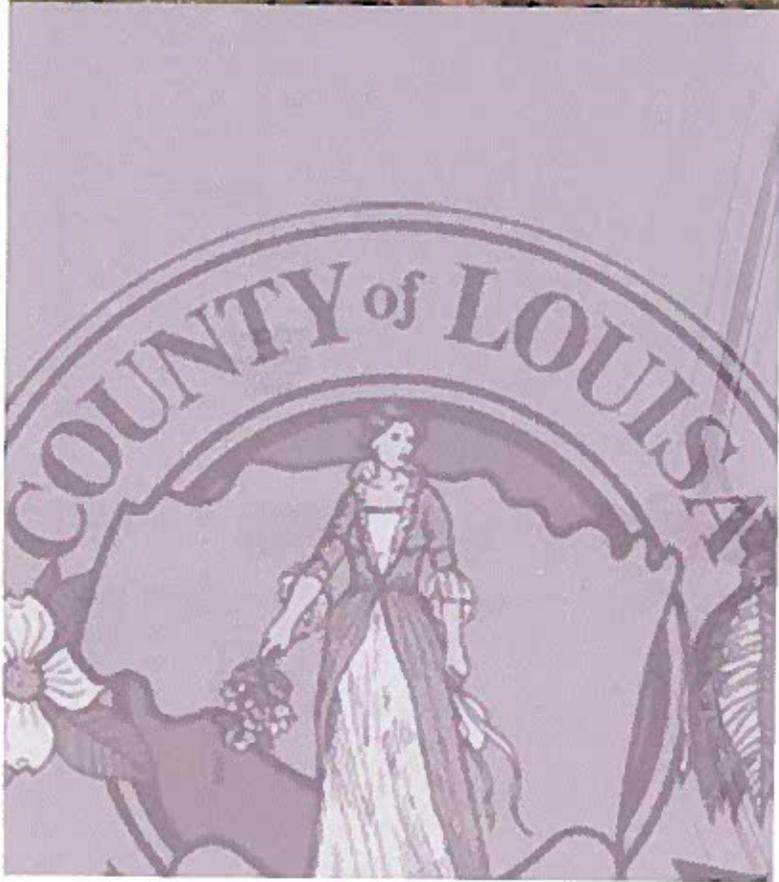




# I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT

**FROM:**  
0.30 MI. W. INT. RTE. 15  
(I-64 EB & WB)

**TO:**  
0.35 MI. E. RTE. 15  
(I-64 EB & WB)



**BRANSCOME**  
RICHMOND

**CLARK ♦ NEXSEN**

*Architecture & Engineering*

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Appendix A

**Professional Services Evidence**

3.2.8 Team SCC and DPOR copies

Appendix B

Key Personnel Resumes - Attachment 3.3.1

DPOR copies

Appendix C

Work History Form

3.4.1(a)

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**ATTACHMENT 3.1.2**

**0064-054-703, P101, R201 & C501**

**STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS**

Offerors shall furnish a copy of this Statement of Qualifications (SOQ) Checklist, with the page references added, with the Statement of Qualifications.

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 20-page limit?	SOQ Page Reference
<b>Statement of Qualifications Checklist and Contents</b>	Attachment 3.1.2	Section 3.1.2	no	
<b>Acknowledgement of RFQ, Revision and/or Addenda</b>	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	
<b>Letter of Submittal (on Offeror's letterhead)</b>				
Offeror's point of contact information	NA	Section 3.2.1	yes	5
Authorized Representative's signature	NA	Section 3.2.1	yes	5
Principal officer information	NA	Section 3.2.2	yes	2
Offeror's Corporate Structure	NA	Section 3.2.3	yes	2
Affiliated/subsidiary companies	NA	Section 3.2.4	yes	2
Debarment forms	Attachment 3.2.5(a) Attachment 3.2.5(b)	Section 3.2.5	no	
Offeror's VDOT prequalification evidence	NA	Section 3.2.6	yes	2
Evidence of obtaining bonding	NA	Section 3.2.7	yes	3
<b>Professional Services Evidence</b>				
Full size copies of SCC and DPOR registration documentation (appendix)	NA	Section 3.2.8	no	

**ATTACHMENT 3.1.2**

**0064-054-703, P101, R201 & C501**

**STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS**

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 20-page limit?	SOQ Page Reference
SCC Registration	NA	Section 3.2.8.1	yes	4
DPOR Registration (Offices)	NA	Section 3.2.8.2	yes	4
DPOR Registration (Key Personnel)	NA	Section 3.2.8.3	yes	5
DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.8.4	yes	5
<b>DBE statement within Letter of Submittal</b> confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.9	yes	5
<b>Offeror's Team Structure</b>				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	7-10
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	
Key Personnel Resume – Public Relations Manager	Attachment 3.3.1	Section 3.3.1.5	no	
Organizational chart	NA	Section 3.3.2	yes	13
Organizational chart narrative	NA	Section 3.3.2	yes	10-12
<b>Experience of Offeror's Team</b>				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	

**ATTACHMENT 3.1.2**

**0064-054-703, P101, R201 & C501**

**STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS**

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 20-page limit?	SOQ Page Reference
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	
<b>Project Risk</b>				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	17-20

**ATTACHMENT 2.10**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00086453DB48  
PROJECT NO.: 0064-054-703, P101, R201 & C501

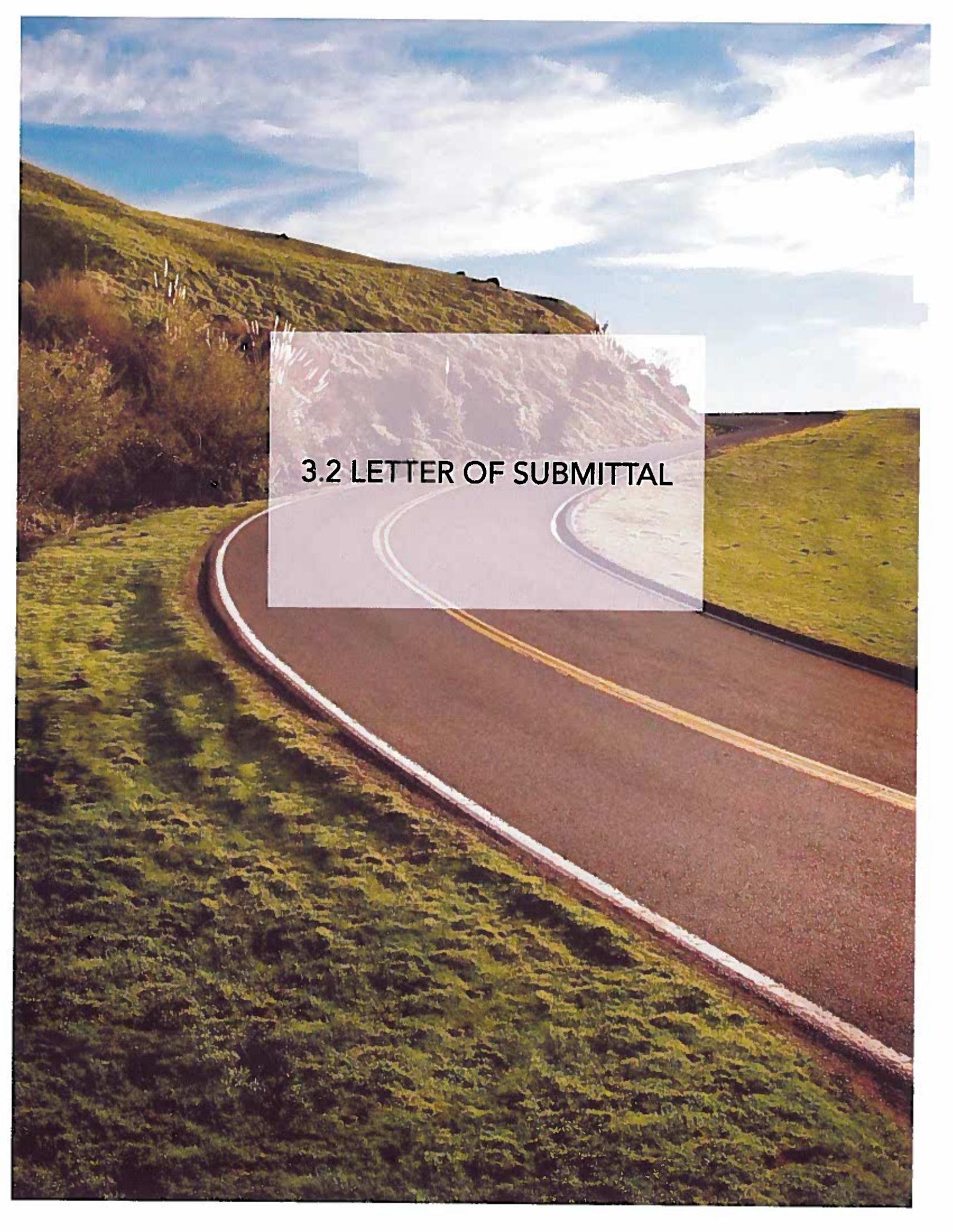
**ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA**

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

By signing this Attachment 2.10, the Offeror acknowledges receipt of the RFQ and/or following revisions and/or addenda to the RFQ for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFQ 12/06/11  
(Date)
2. Cover letter of \_\_\_\_\_  
(Date)
3. Cover letter of \_\_\_\_\_  
(Date)

W. D. [Signature] 2/2/12  
SIGNATURE DATE

A photograph of a winding asphalt road on a grassy hillside. The road curves from the foreground towards the background, with a white line marking the edge and a double yellow line in the center. The surrounding landscape is covered in green grass and some shrubs. The sky is blue with scattered white clouds. A semi-transparent white box is overlaid on the road, containing the text "3.2 LETTER OF SUBMITTAL".

## 3.2 LETTER OF SUBMITTAL

### 3.2.1

February 3, 2012

Mr. Ian Millikan, PE  
Alternative Project Delivery Office, Virginia Department of Transportation  
1221 East Broad Street; Main Bldg., 4<sup>th</sup> Floor, Richmond, VA, 23219

Re: Statement of Qualifications for I-64/Route 15 (Zion Crossroads) Design-Build Project

Dear Mr. Millikan:

Branscome is pleased to submit our Statement of Qualifications in response to VDOT's plan to construct a diverging diamond interchange (DDI) at the Zion Crossroads Interchange. We fully appreciate the unique nature of this project, given that it will be Virginia's first DDI, and that its success will be essential for the future use of these designs elsewhere in Virginia. Since the design, construction, and public relations will all be the responsibility of the selected design-build (D-B) team, we understand that the burden of responsibility would be significant if selected. As such, we have assembled a team fully capable of ensuring the Zion Crossroads Interchange becomes a marquee project, which VDOT can look upon proudly once completed.

The Branscome/Clark Nexsen Team features two outstanding companies that are highly capable of completing this project in an efficient and cost-effective manner. Branscome and Clark Nexsen have tremendous experience with road projects for VDOT, as well as for municipalities and other government agencies. The team's experience includes interchange improvements, road widening, structures, new roadway construction, and overlay projects. For the past 50 years, Branscome has worked with VDOT to construct transportation infrastructure projects in Virginia. Likewise, Clark Nexsen has served the Commonwealth of Virginia for more than 90 years by providing safe and creative engineering solutions for transportation projects and as a firm has been involved with more than 85 D-B projects in the past five years. Also, the sub-contractors and sub-consultants on this D-B team are highly reliable companies with a wealth of expertise and experience. Most notably, EFK Moen brings extensive experience in the design of DDI projects, having designed the first such project for the state of Missouri. Their hands-on design experience for DDI projects that have been completed in Missouri will be an extremely valuable asset on this project and our project team.

The members of our D-B team can and will self-perform the majority of the work required on this project. Branscome regularly performs material supply, grading, utility relocations, and asphalt paving. Clark Nexsen and their team of highly skilled sub-consultants are fully capable of delivering all design requirements including the DDI, ramp improvements, and traffic control plans. To ensure we have the support of all of the key stakeholders on this specialized project, we have assembled a group of highly trained personnel for public involvement and public participation, including the public relations firm Capital Results. In addition to the vast capabilities provided by our team, we have also developed strategic relationships with local suppliers and sub-contractors. When selecting sub-contractors, we will strive to find capable contractors with local connections, while also utilizing DBE firms as much as practicable. The strength of our team will provide VDOT with a project of which they can be proud.

### 3.2.2 Principal Officer Information

Stuart Patterson is the President and Principal Officer of Branscome.  
 4551 John Tyler Highway  
 Williamsburg, VA, 23185  
 Telephone 757-229-2504

### 3.2.3 Offeror's Corporate Structure

The Offeror is Branscome, Inc. (Branscome) dba Branscome Richmond, a C Corporation incorporated in the Commonwealth of Virginia. Branscome will take full financial responsibility for this Project, and will provide performance and payment bonds for the required contract value and time periods. Branscome will be the lead contractor for our Team and is the member that will have joint and several liabilities for the performance of the work required for this Project. There are no liability limitations.

### 3.2.4 Affiliated/Subsidiary Companies

Company Name	Address	Phone	Fax
Branscome Companies Inc.	4551 John Tyler Highway Williamsburg, VA 23185	757.229.2504	757.220.0390
Colas Inc. – Parent Company	163 Madison Avenue, Suite 500 Morristown, NJ 07960	973.290.9082	973.290.9088

### 3.2.6 Offeror's VDOT Prequalification Evidence



COMMONWEALTH OF VIRGINIA



## CERTIFICATE OF QUALIFICATION

**Branscome Inc.**  
 Vendor Number: **B850**

In accordance with the Regulations of the Virginia Department of Transportation,  
 you are hereby notified that the following Rating and Classifications has been  
 assigned to you by the Commissioner:

**PREQUALIFIED**

**Work Classes:** Grading, Bituminous Concrete Paving, Clearing & Grubbing, Roadway Milling, Utilities

**Issue Date:** February 28, 2011      **This Rating and Classification will Expire:** February 29, 2012

  
 Susanne PR Lucas, Prequalification Officer

  
 Don E. Siles, State Construction Contract Officer

ATTACHMENT NO. 3.2.5(a)

**CERTIFICATION REGARDING DEBARMENT  
PRIMARY COVERED TRANSACTIONS**

Project No.: 0064-054-703, P101, R201 & C501

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.

W. T. [Signature]      2/2/12      V.P. RES. DEV.  
Signature                      Date                      Title

BRANSCOME RICHMOND / BRANSCOME INC.  
Name of Firm



ATTACHMENT NO. 3.2.5(b)

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0064-054-703, P101, R201 & C501

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

Date

1/17/12

Title

President

Name of Firm

NXL Construction Services, Inc

**ATTACHMENT NO. 3.2.5(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0064-054-703, P101, R201 & C501

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

Date

Title

Linda Moen 1/26/2012 President  
EFK Moen, LLC  
Name of Firm

**ATTACHMENT NO. 3.2.5(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0064-054-703, P101, R201 & C501

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.

Gay J. Smith      1/24/12      PARTNER  
Signature                      Date                      Title

CAPITAL RESULTS  
Name of Firm





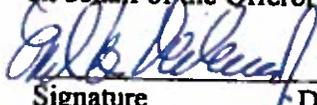
**ATTACHMENT NO. 3.2.5(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0064-054-703, PI01, R201 & C501

- 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.

	1-24-12	Vice President
Signature	Date	Title

Hurt & Proffitt, Inc.

Name of Firm

**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**  
**(To be completed by a Sub-consultant)**

**Project: Zion's Crossroads Design-Build**

- 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.

S. C. [Signature]      01/27/12      President  
Signature                      Date                      Title

Accumark, Inc  
Name of Firm

3.2.7 Evidence of Obtaining Bonding

Willis

February 3, 2012

Virginia Department of Transportation  
1401 East Broad Street, Main Building, 4<sup>th</sup> Floor  
Richmond, Virginia 23219

Telephone: 810-864-8700  
Fax: 810-254-5600  
Website: www.willis.com  
Direct Line: 810-254-5647  
E-mail: wendy.wadkins@willis.com

RE: Branscome, Inc. DBA Branscome Richmond Bonding Qualification Letter  
Contract ID Number: C00086453DB48, Route 15 Interchange Improvements  
Estimated Contract Amount: \$7,500,000.

To Whom It May Concern:

Branscome, Inc. DBA Branscome Richmond is a valued account of the Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland as co-sureties, whose surety requirements we have been privileged to service without any problems.

We have approved bonds for their projects in excess of 25,000,000, with an aggregate bonding capacity of \$500,000,000. The approvals for all bonds is contingent upon the review and acceptability of the underwriting terms at the time of the request by the Principal and bond forms acceptable to the Principal and Surety and written evidence that adequate financing has been made available for this project.

It is understood, that any arrangement for the performance and payment bonds is a matter between Branscome, Inc. DBA Branscome Richmond and ourselves, and we reserve the right to perform normal underwriting at the time of the final bond request, to include, but not limited to the acceptability of the project contract documents, bond forms and financing. We assume no liability to third parties or to you if for any reason we do not execute the said bonds.

As surety for Branscome, Inc. DBA Branscome Richmond, Liberty Mutual Insurance Company with A.M. Best Financial Strength Rating of A (Excellent) and Financial Size Category of XV and Fidelity and Deposit Company of Maryland with A.M. Best Financial Strength Rating of A+ (Superior) and Financial Size Category of XV, 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 Branscome, Inc. DBA Branscome Richmond, in the event that such firm be the successful bidder and enter into a contract for the above captioned project.

Should you have any questions, please do not hesitate to call.

Very truly yours,

LIBERTY MUTUAL INSURANCE COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

*Wendy Lee Wadkins*  
WENDY LEE WADKINS  
ATTORNEY-IN-FACT

Attached

cc: Mr. Robert Sinclair  
Branscome, Inc.

Ms. Kelley Brown  
Liberty Bond

Mr. Paul Belliveau  
Zunch NA

Willis of Pennsylvania, Inc.  
P.O. Box 9052  
Radnor, Pennsylvania 19087-9052.

**3.2.8 SCC and DPOR Registration Requirements**

Information regarding SCC and DPOR registration in the Commonwealth of Virginia for the Branscome/Clark Nexsen Team is shown in the table on page 4. Full size copies of the certification are included in the Appendix A and the key personnel DPOR registrations are included in the Appendix B to this SOQ.

<b>3.2.8.1, 3.2.8.2, 3.2.8.4 Branscome /Clark Nexsen Team Members</b>				
Team Member	SCC# Type Status	DPOR Main Office APELSCIDLA	DPOR Branch Office APELSCIDLA	DPOR Non-APELSCIDLA
Branscome Companies Inc. 4551 John Tyler Highway Williamsburg, VA 23185	- 05506134 - Corp - Active	N/A	N/A	Williamsburg, VA Class A Contractor 2705061347A February 28, 2013
Clark Nexsen 6160 Kempsville Circle Suite 200 Norfolk, Virginia 23502	- 0190175-0 - Corp - Active	Norfolk, VA 23502 Business Entity 0405000238 December 31, 2013	Roanoke, VA 24011 Business Entity 0410000130 February 29, 2012	N/A
NXL Construction Services, Inc. 114 East Cary Street, Suite 200 Richmond, Virginia 23219	- 03497427 - Corp - Active	Richmond, VA 23219 Business Entity 0407003031 December 31, 2013	Harrisonburg, VA 22801 Business Entity 0411000678 February 29, 2012	N/A
EFK Moen, LLC 13523 Barrett Parkway Drive Suite 250 St. Louis, Missouri 63021	- T0476004 - Corp - Active	Ballwin, MO 63021 Business Entity 04020045948 January 31, 2013	N/A	N/A
Hurt & Proffitt 350 S 4Th St Ste D Wytheville, VA 24382	- 0142895-2 - Corp - Active	Lynchburg, VA 24501 Business Entity 0407003927 December 31, 2011	N/A	N/A
Froehling & Robertson 3015 Dumbarton Road Richmond, Virginia 23228	- 0027211-2 - Corp - Active	Crozet, VA Business Entity 0411000052 February 29, 2012	Richmond, VA Business Entity 0411000098 December 31, 2013	N/A
Accumark, Inc. 9500 King Air Court Ashland, VA 23005	- 04407458 - Corp - Active	Ashland, VA Business Entity 0407005172 December 31, 2013	N/A	N/A
Diversified Property Services Inc. 20 E. Timonium Road, Suite Timonium, Maryland 21093	- 04147740 - Corp - Active	N/A	N/A	Timonium, MD Real Estate 4008001190 November 30, 2012
Capital Results 50 Pear Street Richmond, Virginia 23223	- S1036872 - Limited Liability - Active	N/A	N/A	N/A

<b>3.2.8.3 Key Personnel</b>		
Name	Office	DPOR Registration
Michael Colbert	Branscome Richmond Rockville, VA 23146	N/A
Ian Johnston, PE	Clark Nexsen Norfolk, Virginia 23502	Professional Engineer VA #0402041863 Expires 05-31-2012
David Bathurst	Branscome Richmond Rockville, VA 23146	N/A
John Herzke, PE	Clark Nexsen Norfolk, Virginia 23502	Professional Engineer VA #0402008870 Expires 07-31-2012
Michael W. Saunders, PE, CCM	NXL Construction Services, Inc. Richmond, Virginia 23219	Professional Engineer VA #0402041295 Expires 12-31-2013

### 3.2.9 DBE Participation Statement

The Branscome / Clark-Nexsen Team will provide disadvantaged business enterprises (DBE) with a full and equal opportunity to participate in the performance of the contract for the I-64/Route 15 (Zion Crossroads) Interchange Improvement Project. We are committed to achieving the seventeen percent (17%) DBE goal for the entire value of the contract, and we will work with the Virginia Department of Minority Business Enterprise to discover companies who have Virginia DBE certification in order to invite them to bid on this contract.

Beyond merely reaching the goal, we are committed to using DBE firms in meaningful work areas, in both the design and construction areas. While the DBE status is a significant factor in selecting subcontractors, we also take into consideration the technical capabilities of the companies, and the availability of local, capable subcontractors experienced in providing services. We will solicit and award contracts to DBE firms to the maximum extent practicable for this requirement.

DBE and other small businesses will be fully incorporated into the Branscome / Clark-Nexsen Team for the time they are working on the contract. During that time, we will provide any support that the firm needs to perform to the same quality and safety standards we use. Subcontractors will be included in regularly scheduled planning meetings, quality meetings, and design review meetings. They will also be expected to attend weekly toolbox safety briefings. For us to be successful on this project, we need to have highly-qualified DBE firms who are fully integrated into the Branscome / Clark-Nexsen Team.

We are already in contact with multiple DBE firms and have plan to use DBE firms for specialized DDI design services (EFK Moen), QAM Services (NXL), right of way acquisition (Diversified Properties, Inc.), plus many local DBE contracting firms near this DDI project location. The Branscome / Clark-Nexsen Team can make this commitment based on our successful performance recruiting DBE firms. In the table below, we present recent projects with their DBE goals and actual utilization:

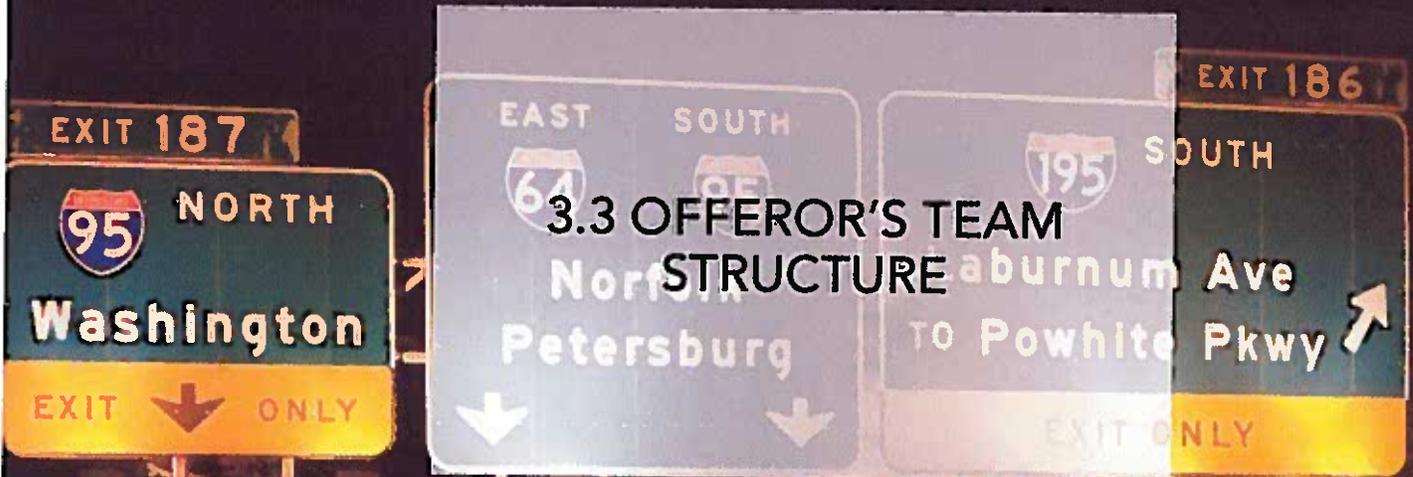
Sincerely,



W. Dewey Hurley,

Vice President of Business Development, 2150 Ashland Road Rockville, VA 23146

[hurleyd@branscome.com](mailto:hurleyd@branscome.com), (804) 749-3266 – office, (804) 749-3640 – fax



3.3 OFFEROR'S TEAM  
STRUCTURE

3.3 OFFEROR'S TEAM



### 3.3 Offeror's Team Structure

Branscome will be responsible for managing the project in its entirety, supervising the construction, and performing the majority of the construction work. Additional sub-contractors for various specialty items such as quality assurance, roadwork, structures, signage, signals and electrical will be under direct subcontract to Branscome. Clark Nexsen will lead the design effort for all aspects of the project and will be responsible for the design quality assurance/quality control. The Branscome team includes highly qualified sub-consultants, which will bring specific expertise to enhance the team. A complete list of our team follows:

Firm/Address/Phone	Role Responsibility	Benefits to VDOT
 <b>BRANSCOME</b> Branscome, Inc. 2150 Ashland Road Rockville, Virginia, 23146 804.749.3266	<b>Lead Contractor</b> <ul style="list-style-type: none"> <li>» Comprehensive contract management</li> <li>» Construction Supervision</li> <li>» Perform major construction elements</li> <li>» Quality control</li> </ul>	<ul style="list-style-type: none"> <li>» Extensive road and interstate construction experience that is directly relevant to the project</li> <li>» Design - Build Experience</li> <li>» Experienced Construction Personnel</li> <li>» Excellent working relationship with VDOT</li> </ul>
 <b>CLARK NEXSEN</b> <i>Architecture &amp; Engineering</i> Clark Nexsen 6160 Kempsville Circle Suite 200A Norfolk, Virginia 23502 757.455.5800	<b>Lead Designer</b> <ul style="list-style-type: none"> <li>» Design management</li> <li>» Roadway and traffic design</li> <li>» Storm drainage and SWM</li> <li>» Maintenance of Traffic</li> <li>» QA/QC for design</li> <li>» Public outreach</li> </ul>	<ul style="list-style-type: none"> <li>» Extensive roadway design experience</li> <li>» Experienced in project management</li> <li>» Experienced in public involvement</li> <li>» Experienced in VDOT design criteria, policies, and standards</li> <li>» Design Build Experience</li> </ul>
<b>EFK Moen, LLC</b> <i>Civil Engineering Design</i> EFK Moen 13523 Barrett Parkway Drive Suite 250 St. Louis, MO 63021-3802 314.729.4100	<b>Diverging Diamond Specialty Consultant</b> <ul style="list-style-type: none"> <li>» DDI geometric concepts</li> <li>» Signs, pavement marking, signal concepts</li> <li>» MOT concepts</li> <li>» public outreach</li> </ul>	<ul style="list-style-type: none"> <li>» Successful Design and Construction experience with DDI's</li> <li>» Designed first DDI in Missouri (ACEC Award Winning Project)</li> <li>» Experienced in public involvement</li> <li>» DBE/ WBE</li> </ul>
 <b>NXL Construction Services, Inc</b> 114 E Cary Street, Suite 200 Richmond, Virginia 23219 804.644.4600	<ul style="list-style-type: none"> <li>» Independent Quality Assurance Manager (QAM)</li> </ul>	<ul style="list-style-type: none"> <li>» Extensive experience performing QAM services on VDOT projects</li> <li>» Excellent working relationship with Clark Nexsen</li> <li>» DBE/ SWaM</li> </ul>
 <b>FROEHLING &amp; ROBERTSON, INC.</b> Froehling & Robertson, Inc. 3015 Dumbarton Road Richmond, Virginia 23228 804.264.2701	<ul style="list-style-type: none"> <li>» Geotechnical Engineering</li> <li>» Quality control during construction</li> </ul>	<ul style="list-style-type: none"> <li>» Extensive local Geotechnical experience</li> <li>» Experienced in material testing</li> <li>» Excellent working relationship with Clark Nexsen.</li> <li>» SWaM</li> </ul>

 Diversified Property Services, Inc 20 E. Timonium Road, Suite 111 Timonium, Maryland 21093 410.252.5075	» Right-of-way acquisition services	» Experienced with VDOT appraisal and appraisal review, negotiations for Fee Simple, permanent and temporary construction easements, and relocation assistance services » DBE/ WBE
 Capital Results 50 Pear Street Richmond, VA 23223 804.771.5335	» Public Relations	» Experienced with integrating traditional and new media strategies » Experienced with coalition building and strategic communications » SWaM
 Hurt & Proffitt (H&P) 2524 Langhorne Road Lynchburg, Virginia 24501 434.847.7796	» Topographic Survey » Acquisition Plats	» Extensive VDOT experience » Extensive local surveying experience » Excellent working relationship with Clark Nexsen » SWaM
 Accumark 9500 King Air Court Ashland, VA 23005 804.550.7740	» Utility Designations » Utility Test Holes	» Extensive VDOT experience » Extensive local utility designation experience » Excellent working relationship with Clark Nexsen » SWaM

An organizational chart of the team is included in Section 3.3.2

**3.3.1.1.-3.3.1.5 Identity of and qualifications of Key Personnel**

The Branscome Team has carefully chosen the following individuals to fulfill the roles of Key Personnel as identified in the RFQ. Additional details for each position can be found in on Attachments 3.3.1 in the Appendix.

**Design-Build Project Manager – Michael Colbert**

Mr. Colbert will serve as the Design-Build Project Manager on I-64/Route 15 Interchange Improvement project. He has more than 20 years of experience working on complex transportation projects. His experience includes serving as a construction superintendent in the field, estimating, and project management. His experience in these roles gives him not only a tremendous knowledge of the construction tasks required to effectively deliver the project, but also the understanding of how to work with owners, designers, and key stakeholders to ensure that the project progresses smoothly and most of all safely.

Mr. Colbert has served as a project manager on numerous VDOT construction projects, and several of these projects included interchange improvements on interstates. His work on the I-81/Abrams Creek Bridge and I-81/Route 659 Interchange projects specifically demonstrates his ability to perform on the Zion Crossroads Interchange Project. Both of the aforementioned projects included construction of new ramps between the existing interstate and secondary crossroads. The heavy tractor-trailer traffic on I-81 mirrors the conditions that will be found of the Zion Crossroads project due to the Wal-Mart distribution center near the site. As the project manager, Mr. Colbert held the ultimate responsibility of ensuring quality completion of the project and ensuring on time and on budget delivery. Mr. Colbert’s attention

to detail and commitment to safety saw his previous projects of similar scope delivered to the satisfaction of VDOT, and he will bring those same qualities to the Zion Crossroads Project. In addition to Mr. Colbert's experience on VDOT interchange projects, he also has design-build project experience. On the Richmond Airport Connector Project and the Route 29 Tye River Bridge Project he served as the senior estimator and project consultant. Mr. Colbert worked closely with the design team to develop the plan and made weekly visits to the projects to ensure construction was progressing as planned. His knowledge and communication skills enabled both projects to benefit from creative engineering solutions, which could be practically carried out in the field.

#### **Quality Assurance Manager (QAM) – Michael Saunders, PE, CCM**

Mr. Saunders brings 10 years of direct transportation construction experience and has served in the role of Design-Build Quality Assurance Manager, VDOT Construction Project Manager, VDOT Area Construction Engineer, and VDOT Project Control Engineer for a range of transportation improvement projects, including Design-Build procurement projects. His prior experience makes him a tremendous asset to both the design-build team as well as VDOT. Understanding the requirements of the project and the expectations of the designer in terms of adherence to the plans and specifications during construction, as well as the expectations of the owner in terms of adherence to the contract requirements, is of utmost importance. Mr. Saunders brings that understanding to the design-build team and will provide the independent review and assurance to the project that VDOT expects. The following list represents significant transportation projects that Michael has either served as Design-Build QAM, VDOT Design-Build Construction Manager, or Area Construction Engineer on:

- Route 36 Improvements Design-Build (D-B QAM), Richmond District, Virginia
- Region 4 Design-Build Structures Projects (VDOT D-B PM), Richmond District, Virginia
- Meadowville Interchange (VDOT Construction PM), Chesterfield, Virginia
- Route 10 Widening (VDOT ACE), Chesterfield, Virginia

#### **Design Manager – Ian Johnston, PE**

Mr. Johnston will be Clark Nexsen's Design Manager for the contract. He has worked in both the private and public sectors, having spent eight (8) years working in the consultant engineering industry as a Design Engineer and Deputy Project Manager, and most recently having worked six (6) years in the VDOT Hampton Roads District Project Management Office as a Design Project Manager. He is a seasoned manager who understands the VDOT process for executing projects. During his tenure at VDOT, Mr. Johnston was a project manager for a variety of transportation projects including urban, rural, and interstate projects. He has managed roadway design projects through Scoping, Preliminary Field Inspection, Public Involvement, Field Inspection, Right-of-Way, Pre-Ad Conference, and Bid Document development phases. As a project manager, Mr. Johnston was also responsible for developing, procuring, and executing Design Build projects. He is well experienced in dealing and communicating with a wide variety of stakeholder groups, including local governments, citizens, and business owners. The following list represents significant transportation projects that Mr. Johnston was the Design or District Project Manager:

- I-264/64 Ramp Widening (0264-122-108), Norfolk, Virginia
- I-264/Witchduck Interchange (0264-134-102), Virginia Beach, Virginia
- Princess Anne Road (0165-134-V05), Virginia Beach, Virginia
- Martin Luther King Extension PPTA (0058-965-107), Portsmouth, VA
- Malbone Wetland Mitigation VDOT Design Build (U000-134-724), Virginia Beach, VA

Having been involved in Design-Build and PPTA projects for VDOT, Mr. Johnston is well versed in the design-build procurement process, and what the project delivery goals and expectations of the owner

are. He understands that strict adherence and documentation in support of the established contract requirements is a must in order to deliver a quality project with minimal disruptions or setbacks. Mr. Johnston also understands the importance of partnership and solid working relationships between the design-builder and the owner, and endeavors to facilitate and help each party be successful. He took this approach on the Malbone Wetland Mitigation Design-Build project and used his contacts and position to quickly establish and facilitate a meeting between the design-builder and City of Virginia Beach to settle a local land disturbance permitting dispute. Based on Mr. Johnston's involvement in the issue, he was able to facilitate a successful agreement between both parties so that the construction schedule could be maintained. Mr. Johnston will take this same approach on the Zion Crossroads Interchange Project.

#### **Construction Manager – David Bathurst**

Mr. Bathurst has more than 30 years experience in the field managing heavy construction projects. He has spent his entire professional career working for Branscome and is one of the company's most well respected and experienced employees. During his time with Branscome, Mr. Bathurst has worked as an equipment operator, project foreman, construction superintendent, and general superintendent. For the last 22 years he has served as a construction superintendent, and due to his intricate, hands-on knowledge, Branscome has continually trusted him with the company's most challenging projects. Mr. Bathurst has specific experience on VDOT transportation and interchange projects, oftentimes in dense urban environments. Recent transportation projects of note include Route 17 in Gloucester, Ironbound Road in Williamsburg, Princess Anne Road in Virginia Beach, Virginia Beach Boulevard in Norfolk, and Commander Shepard Boulevard in Hampton. He also served as the construction manager on the design-build Commonwealth Railway Mainline Safety Relocation Project in Hampton Roads.

In his role as construction superintendent, Mr. Bathurst was responsible for all onsite construction activities including quality control and ensuring that all work was performed in accordance with project specifications. He also managed all internal personnel as well as sub-contractors on these projects. He has often specialized in projects with a diverse scope of work and multiple areas of activity on the job site. His great ability to oversee crews working on various types of work has helped him succeed on numerous projects where multiple activities had to be completed simultaneously. On previous design-build projects, he played an integral role by providing the design team with information about conditions in the field. His intimate knowledge of the site's specific conditions combined with his long history in the industry give him great insight into which methods would produce the safest, most reliable, and most cost effective results. Mr. Bathurst holds a VDCR RLD Certification and a VDOT ESCCC.

#### **Public Relations Manager – John Herzke, PE**

Mr. Herzke is a Civil Engineer with over 40 years of experience in the design and management of many significant public, private and commercial projects. He will report directly to the Branscome Project Manager and will work closely with Capital Results for Public Relations. Mr. Herzke spent 33 years in municipal government and performed in the role of Special Projects Engineer, City Traffic Engineer and City Engineer for the City of Virginia Beach. As the City's Traffic Engineer and the City Engineer, Mr. Herzke was responsible for the development and implementation of public involvement programs for the entire City including significant transportation projects in the City of Virginia Beach. He was also key in developing the City's program to include a high degree of public participation in every transportation project. Mr. Herzke is a seasoned communicator and has worked routinely with the media, citizen groups, city council, residents, business owners, and the travelling public. Mr. Herzke is well known in the City for developing multi-phased education programs for citizens groups and residents especially for projects where new technology or new concepts were being developed. Mr. Herzke established the first Citizen Advisory Committees (CAC) for some of the City's significant

project with some very successful outcomes. These CAC groups not only help with the approval process for the design concepts with City Council, but they helped forge a positive relationship with the stakeholders associated with the applicable roadway projects. Additionally, most of these public participation and public involvement practices and procedures are still being utilized for many of the current projects for the City of Virginia Beach. Some of the significant transportation projects that Mr. Herzke developed public involvement programs include:

- Independence Boulevard Improvements, Virginia Beach, VA
- Citywide Traffic Calming Program, Virginia Beach, VA
- Atlantic Avenue Revitalization, Virginia Beach, VA
- Princess Anne Road/ Kempsville Road Intersection, Virginia Beach, VA

### 3.3.2 Organizational Chart and Narrative

In both the RFP and Design/Construction Phases, key functions will be provided by both Branscome and Clark Nexsen. Both firms are very hands on and will facilitate the necessary input and guidance to optimize the project and see it to a successful completion. Strong communication, flexibility, problem solving, and leadership by the Design Build Project Manager Michael Colbert, a focus on the project goals by all team members, and a positive relationship with the VDOT Project Manager will be key to the successful integration of Design, Construction, and Quality Assurance.

Branscome has developed a clear path for reporting and open lines of communication. Branscome's **DB Project Manager**, Michael Colbert, will serve as the single point-of-contact for VDOT. Mr. Colbert has developed a project management plan and a work plan specifically for the Zion Crossroads project that clearly defines the roles, responsibilities, and expectations for the lead design firm (and sub-consultants) as well as each sub-contractor. He will communicate between the D-B Team and VDOT in order to maintain the schedule, budget, and quality for the Zion Crossroads Project. Key personnel for **quality assurance, design, construction, and public relations** will be responsible for the oversight and productivity of their respective staff members and sub-consultants/sub-contractors and will report directly to Michael. Mr. Colbert will facilitate project meetings to include all Project Team Leaders who will report on current project status, identify issues, and foster a continued understanding of project progress of all aspects of the project. VDOT personnel will be invited to attend these and all other meetings.

The **Quality Assurance Manager (QAM)**, Michael Saunders, PE will perform independently of the construction team with no involvement in construction operations and will report directly to the DB Project Manager. Michael will be responsible for the QA inspection and testing of all materials used and work performed on the Project. Mr. Saunders will also monitor Branscome's quality control (QC) program to ensure that all work and materials, testing, and sampling are performed in conformance with the contract requirements.

The **Design Manager**, Ian Johnston, PE, will be responsible for completion of quality design and construction documents as well as managing all of the sub-consultant design services for this project. Mr. Johnston will report directly to the Design Build Project Manager. Mr. Johnston has divided the design phase of the project into key sub activities including: Surveying, Right-of-way, Roadway Design, Structure Design, Hydraulics/Hydrology, Geotechnical Engineering, Environmental, Traffic/Signal Design, Maintenance of Traffic, Pavement Markings and Signage, Landscaping, Utility Design, and Roadway Lighting Design. Each area is led by experienced personnel and sub-consultants as indicated on the organizational chart who will report directly to Ian. Communication protocols within the team will also be set to allow Mr. Johnston to communicate with VDOT technical staff when

required and assure follow-up communication with the Design-Build Project Manager. Design Quality Control Manager, David Bradshaw, P.E. will perform independent QC of all design work prior to all the submittals. He will communicate directly with Design Manager Ian Johnston.

The **Construction Manager**, David Bathurst will be on the Project site for the duration of construction operations. Mr. Bathurst will manage the construction process including Quality Control (QC) activities to ensure the materials used and work performed meet contract requirements and the "approved for construction" plans and specifications and will supervise the construction superintendents as well as coordinate all sub-contractor work and construction quality control.

The **Public Relations Manager**, John Herzke, PE will be responsible for managing all external Project communication with Project stakeholders, the media and the general public during the design and construction of the Project. Mr. Herzke will coordinate the work of public relations and media sub-consultant Capital Resources as well as the project visualization sub-consultant EFK Moen.

Branscome and Clark Nexsen are both experienced in developing and maintaining effective lines of communication within the project team. Though reporting relationships are rigid, the lines of communication within the team are fluid and must be flexible to meet the requirements of each individual project task. In order to prevent unnecessary project delays, it may be required that other members within the D-B Team communicate directly with their counterparts at VDOT, as directed and authorized in advance by both the D-B Project Manager and the VDOT Project Manager.

In addition to the key personnel identified in the previous Section 3.3.1, the following task leaders are identified with their responsibilities.

#### **DDI Concepts/ Design – Linda L. Moen, PE**

Ms. Moen will be responsible for the preparation of the conceptual geometric layout and traffic engineering elements associated with the diverging diamond interchange. She was instrumental in the development and design of the first consultant designed diverging diamond interchange in Missouri (Route 65 and National Avenue). The successful design and construction of the Route 65 interchange, which converted an existing diamond interchange to a diverging diamond, won an award with the American Council of Engineering Companies (ACEC) in 2011. Ms. Moen has been a key in the design and construction of four (4) diverging diamond interchanges. Her experience in designing DDI's also includes vertical and horizontal layout, roadway and ramp widening, retaining wall, overhead and roadside signage, signalized intersections, interchange lighting, ITS equipment, pavement marking plans, and bike/ pedestrian access. Her expertise will be invaluable on this project to help develop the critical functional aspects of the design such as intersection geometry. For example, careful consideration of the intersection approach angles are critical to avoid driver confusion, especially when there is light traffic volume and drivers can mistakenly drive to the wrong side of the median.

#### **Design Quality Assurance/ Quality Control Lead – David Bradshaw, PE**

Mr. Bradshaw has been heavily involved in the transportation engineering and construction industry in Virginia since 1986. He has over 26 years of design and management experience specifically with VDOT projects including rural, urban, and interstate projects. Throughout his career, Mr. Bradshaw has lead teams on Design Build projects, P3 projects, and Design-Bid-Build projects. As the Lead QA/ QC for design, Mr. Bradshaw will be responsible for:

- Work with members of the Design QA and QC team to review all design elements and ensure the development of the plans and specifications are in accordance with the requirements of the Contract Documents.
- Ensuring design QA will be performed by Clark Nexsen and will be independent of the Design QC.
- Ensuring the same member(s) of the lead design team will complete all design QA reviews throughout the duration of the Project.

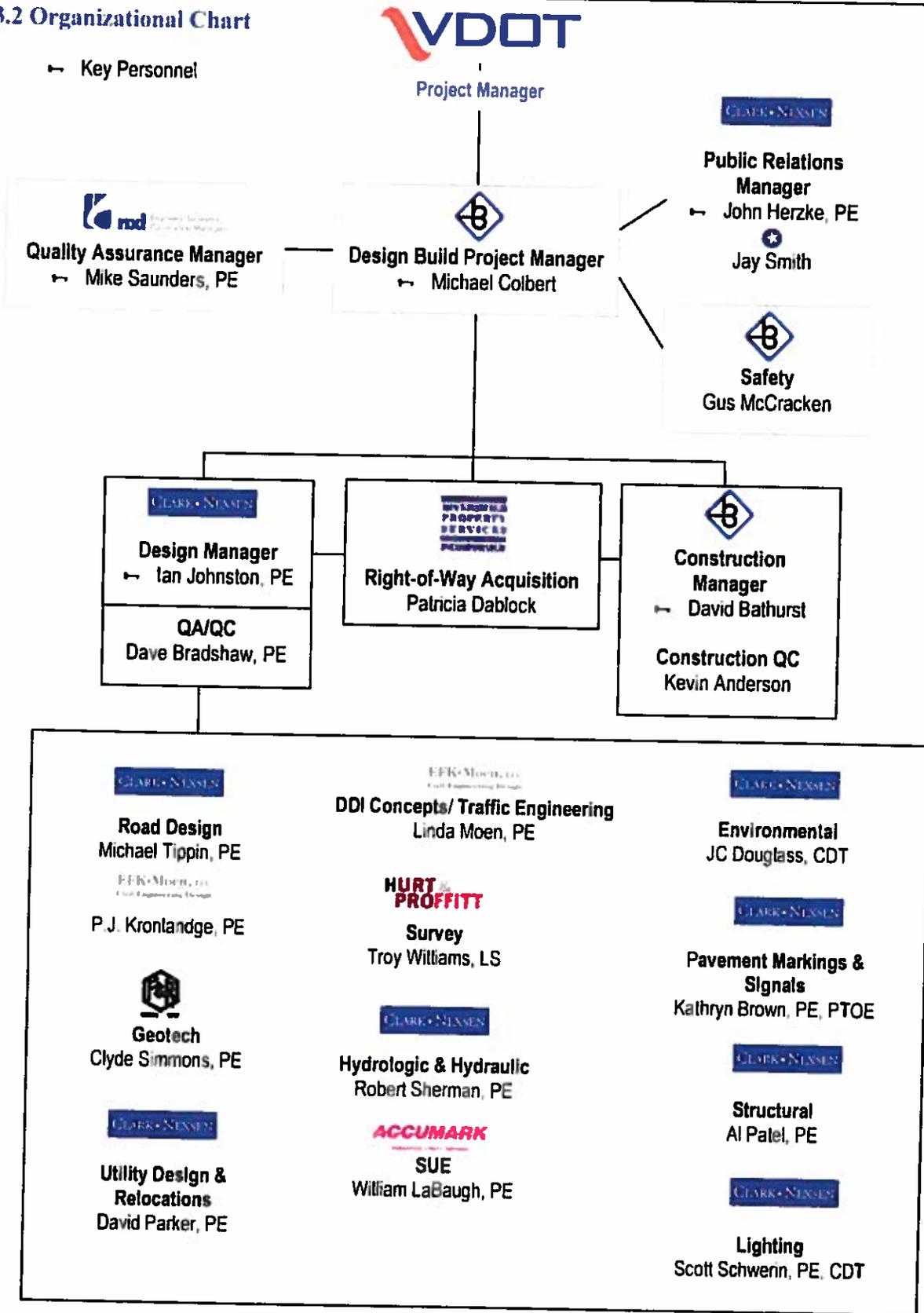
#### **Construction Quality Control – Kevin Anderson**

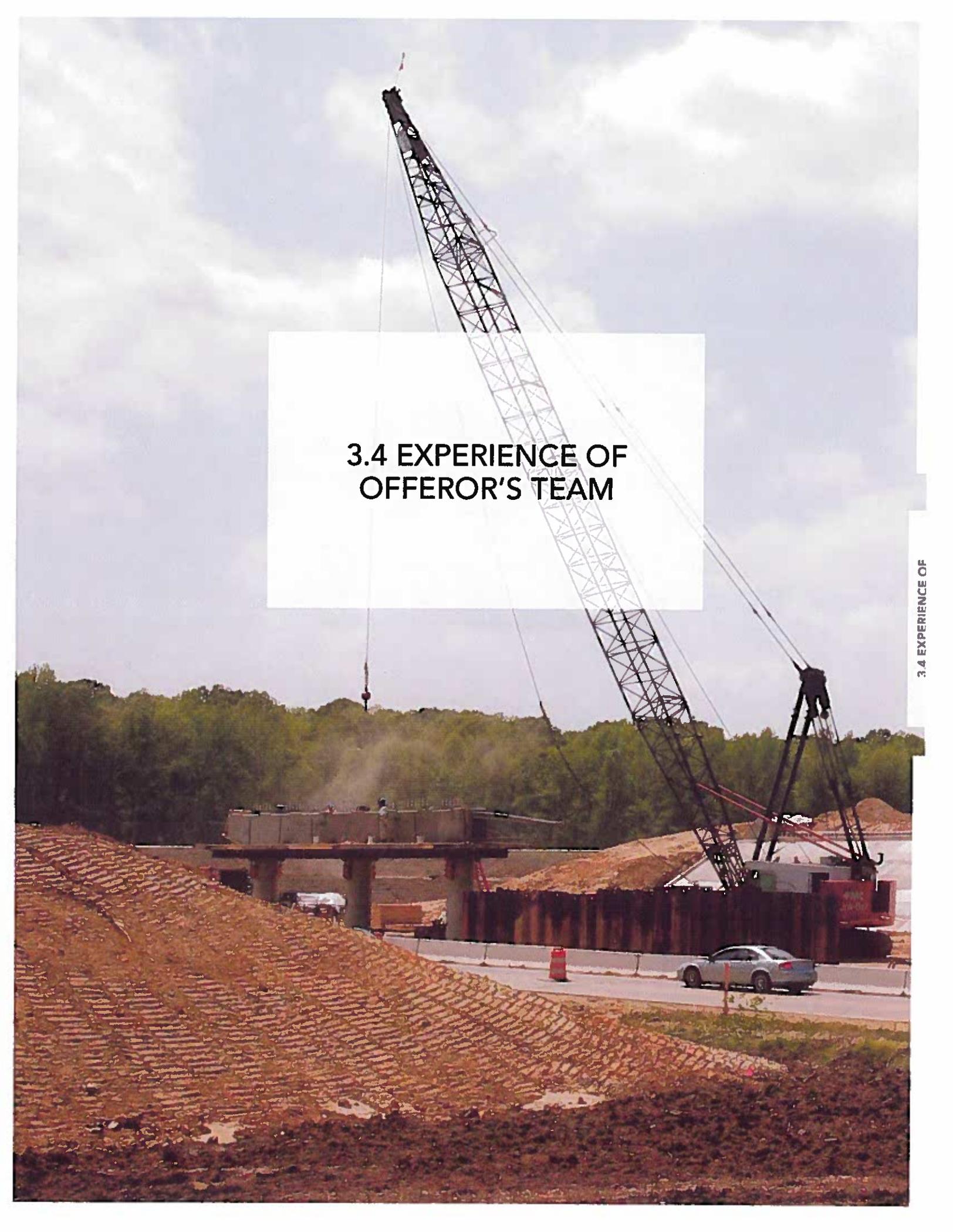
Mr. Anderson will be responsible for construction quality control activities on the project including materials testing, inspections, and reporting. He holds a Level 4 Certification from NICET in Construction Materials Testing and is the Quality Control Manager for Branscome's Richmond Region. In this role he manages our multimillion-dollar, in-house lab, which is certified by AASHTO, ASTM, and AMRL. Mr. Anderson and his team of lab technicians provide quality control services on a myriad of VDOT transportation projects each year. Recent examples include the Route 460 Reconstruction Project in Prince Edward County, the I-64 Concrete Repairs & Overlay Project in Henrico County, and dozens of asphalt paving schedules.

#### **Right of Way Acquisition Manager – Patricia Dablock**

Ms. Patricia Dablock will be responsible for the acquisition of any potential right-of-way and easements for the project. The Request for Qualifications plan documents indicates the need for property acquisitions from five separate land owners. Pending the outcome of the final design plans, it is anticipated that acquisitions services will be required. Ms. Dablock is prepared to provide the acquisition services in conformance with all legal and procedural requirements, as outlined in the *VDOT Right-of-Way and Utilities Division Manual of Instructions, 3<sup>rd</sup> Edition*.

3.3.2 Organizational Chart



A large lattice boom crane is positioned on a construction site. The crane's boom extends diagonally across the frame. A white rectangular text box is superimposed over the middle of the crane's boom. The background shows a construction site with a concrete structure under construction, a road with a silver car, and a line of trees under a cloudy sky.

**3.4 EXPERIENCE OF  
OFFEROR'S TEAM**

### 3.4 Experience of Offeror's Team

 **Branscome, Incorporated** is one of the largest heavy highway and civil infrastructure construction companies in the Mid-Atlantic region. We offer our clients a full range of heavy construction services—from excavation and site work, to underground utilities, asphalt paving, ready-mix concrete, and materials supply. We own and operate asphalt plants, concrete plants, and borrow sand and gravel operations, as well as stone facilities accessible by rail or deep water. This wide range of local resources makes Branscome a key player in the Mid-Atlantic's most challenging large-scale, fast-track projects.

The primary focus of our construction division lies in VDOT construction and other major infrastructure projects. Over the last decade, Branscome has been involved in numerous marquee heavy construction projects in Virginia. Among these projects are the Reconstruction of the Ports of Virginia, the Commonwealth Railway Mainline Safety Relocation Project, the Expansion of the Canon Val Facility in Newport News, and the Relocation of the RMA Toll Booths in Richmond. These projects were all defined by tight deadlines, strict budget constraints, complex work environments, and unequalled quality and safety requirements. Branscome was able to successfully perform on each of these banner projects thanks to our commitment to quality work and the unparalleled resources we possess in the region.

Branscome will bring the same commitment to safety, quality, and planning to the I-64/Route 15 (Zion Crossroads) Interchange Improvement Project that we brought to and succeeded with on the aforementioned projects. We have a team of experienced field personnel and managers who understand how to work in sensitive environments while maintaining high standards for safety and quality. We also bring a long history of success in Virginia and knowledge of the key local suppliers and sub-contractors. Despite our large-scale capabilities, Branscome has a reputation for bringing quality, dependability, and a strong sense of customer service to every job. Our clients, whether they are general contractors, developers, government organizations or private companies, recognize our tradition of excellence by repeatedly relying on Branscome for all of their heavy construction needs.

 **Clark Nexsen (CN)** will serve as the Lead Designer. With nine offices in the mid-Atlantic Region, Clark Nexsen is a full-service engineering, architecture, and planning firm headquartered in Norfolk, Virginia. Founded in 1920, the firm currently has approximately 550 employees and is ranked #147 of the top 500 design firms in the rankings by the Engineering News-Record (ENR). Clark Nexsen has a substantial design build practice which includes a variety of project types including transportation facilities, building facilities, and waterfront structures. The firm has completed over 85 design-build projects as well as four (4) Public Private Partnership Projects over the past 5 years for state and federal agencies. CN has been the lead design firm for design projects for VDOT, the Commonwealth of Virginia, the US Customs and Borders, the US Army Corps, and the US Navy. This comprehensive background and experience in the successful completion of many design-build projects provides the CN staff with the capabilities to address the needs and requirements for this design-build project. Relevant CN experience includes the Route 60 Bridge Replacement in Clifton Forge, VA (VDOT D-B), I-81 Improvements in Frederick County, VA, and Wesleyan Drive Improvements in Virginia Beach, VA.

 **EFK Moen, LLC** will serve as the Design Build Team's Diverging Diamond specialty consultant. EFK Moen is a DBE/WBE civil engineering and surveying firm with an emphasis in transportation and bridge engineering and design. Moen was the prime consultant in development of the design and construction documents for the first diverging diamond interchange in Missouri (Route 60 and National Avenue) which converted an existing diamond interchange to a diverging diamond interchange. The Route 60 project won an Engineering Excellence Award with the American Council of Engineering Companies (ACEC) in 2011. EFK Moen has designed a total of four (4) diverging diamond interchanges. Relevant experience includes:

### DDI at Route 60 and National Avenue, City of Springfield, Missouri and MoDOT

EFK Moen was responsible for the preparation of conceptual, preliminary, right of way and final plans to rebuild the existing diamond interchange on Route 60 at National Avenue into the first consultant designed DDI in Missouri. Plans included vertical and horizontal layout revisions on National Ave., roadway and ramp widening, drainage revisions, retaining wall, overhead and roadside signing, signalized intersections, interchange lighting, ITS equipment, pavement marking plans, pedestrian signal and sidewalk access at intersections and across the bridge, utility coordination, maintenance of traffic plans, cost estimates, final quantities, special provisions, and coordination with MoDOT, the City of Springfield and the neighboring hospital.



### DDI at Dorsett Road and I-270 St. Louis County, MO

EFK Moen was the prime consultant responsible for this DDI and roadway project. Moen was responsible for overall project management, vertical and horizontal geometry, roadway and ramp design, drainage, retaining wall, overhead and roadside signing, signalized intersections, interchange lighting, ITS equipment, pavement marking plans, pedestrian signal and sidewalk access at intersections and across the bridge, utility coordination, maintenance of traffic plans, and cost estimates.



### Route 364 Extension, St. Charles County, MO



Work included converting two major at-grade intersections into grade separated diamond interchanges with slip ramps onto a one-way outer road system; adding north and south outer roads to parallel the existing highway corridor; designing five coordinated signalized intersections at the existing crossroads and outer roads; providing highway and pedestrian lighting plans; laying out signing plans that coordinated with adjacent projects in the corridor; developing a plan for construction maintenance of traffic that created minimal traffic disruption in this busy urban corridor.



**Capital Results** is a SWaM certified full-service public affairs firm with offices in Richmond and Raleigh providing public relations, marketing communications and media relations services to a wide range of companies, associations and government entities. Their business focuses on helping organizations communicate with the public to convey a message, improve their image or modify consumer behavior. Capital Results regularly works with developers, contractors, road builders, transportation infrastructure operators and attorneys as part of a team to successfully manage and implement public communications campaigns related to projects, both large and small. The firm has extensive experience in public awareness campaigns and utilizes both traditional and digital communications strategies to convey a message and inform the public. Utilizing earned media opportunities such as newspaper, television and radio, combined with paid media strategies such as advertising (print, online, radio, television), direct mail and signage, are critical to a multi-pronged approach. The firm has relationships with reporters in the Central Virginia region which can be leveraged to provide exposure to a major infrastructure project such as the Zion Crossroads Interchange Improvement. Employing a project website, online social media outlets, mass emails and other digital communications tools to reach the public are all within the company's experience and expertise. The firm also has successfully planned and facilitated community meetings and one-on-one briefings with stakeholders to educate the public and address their questions and concerns.



**NXL Construction Co., Inc.** is a DBE/MBE/SWaM firm established in 1989, and will be providing the independent Quality Assurance Manager (QAM) and QA Inspection services on the project. Currently, NXL is the prime CEI firm providing services under Lynchburg's District

Wide Maintenance contract. NXL also has a work history on four VDOT DB/PPTA projects. Mr. Michael Saunders, P.E. will lead NXL's role of providing construction quality assurance for this project. His past experience with the Department as an area Construction Engineer and Construction Manager with the Richmond District will enhance the management of the construction quality assurance program for this project. NXL will provide all of their services from the Richmond, Virginia office.



**Froehling & Robertson, Inc. (F&R)** is a SWaM firm and is certified as such by the Commonwealth of Virginia. F&R maintains a fleet of drilling equipment as well as accredited geotechnical and construction materials testing laboratories that are utilized by each of their twelve offices. F&R's laboratories are accredited by the AASHTO (AMRL/CCRL), U.S. Army Corps of Engineers, and WACEL. Technical personnel are certified by agencies including ACI, ASTM, AWS, ICC, NICET, and WACEL. Finally, F&R is accredited by the Virginia Department Professional & Occupational Regulation as a licensed training provider for various asbestos disciplines.



**Diversified Property Services** - Incorporated in 1988, Diversified Property Services, Inc. offers a uniquely comprehensive and coordinated approach to Right of Way and Land Acquisition projects. Property acquisition is never the same job twice. Our resourceful, experienced staff tailors their skills to meet your specific need - on time and on budget. From our inception, we have prided ourselves on the high degree of professionalism and skill that our qualified and dedicated personnel bring to a project. As a service-oriented company, one of our biggest assets is our personnel, who are not only experienced in the technical skills of the profession, but also in the more difficult to cultivate "people skills" that can make all the difference in the successful completion of a right of way project.

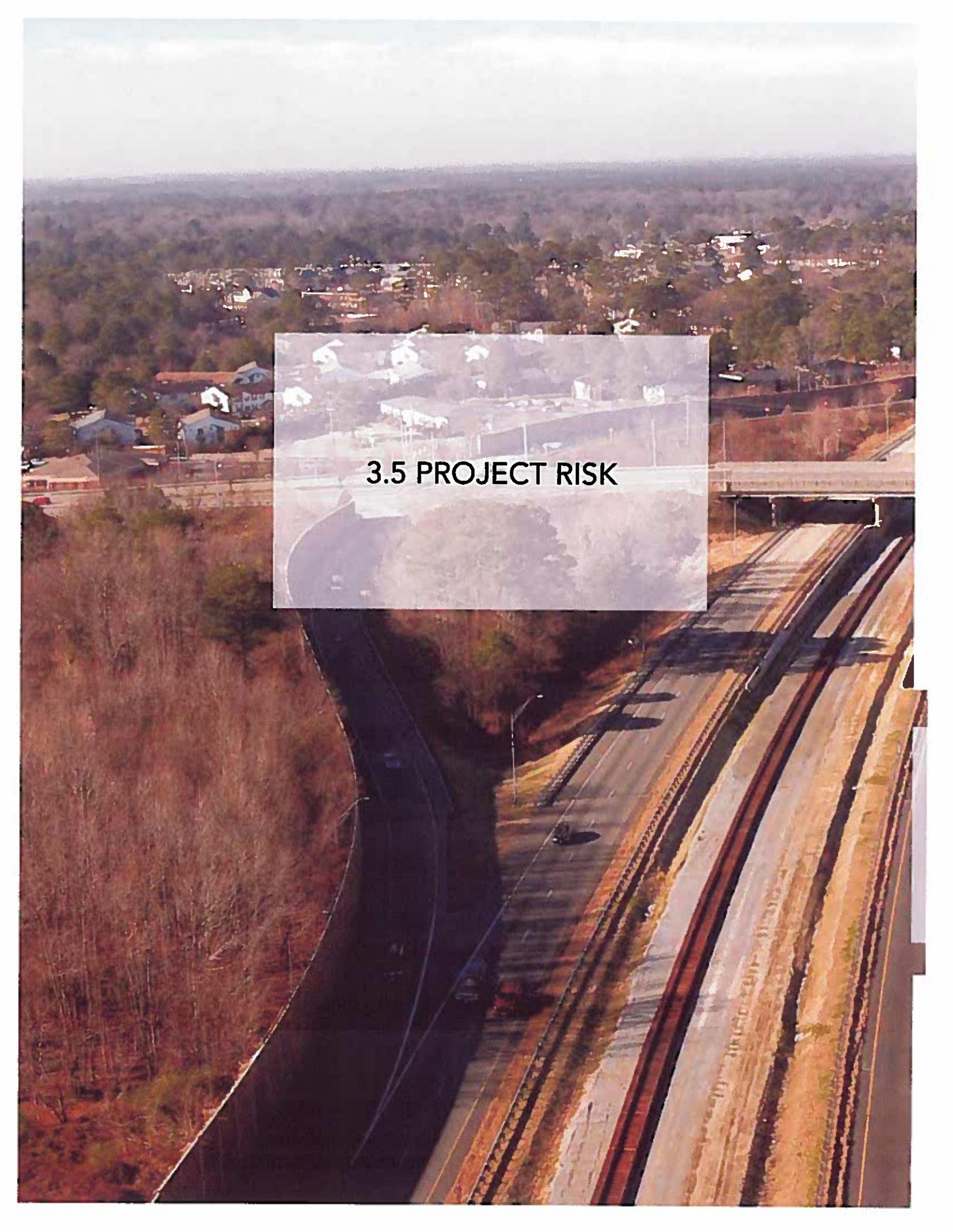
With offices located in Maryland, Pennsylvania, and northern Virginia, Diversified's service area encompasses the Mid-Atlantic region. Diversified is dedicated to providing our clients with exceptional service, performed on time, within budget, and with the degree of sensitivity and discretion that many right of way projects require.

**HURT & PROFFITT** **Hurt & Proffitt** is a SWaM certified firm and will provide surveying services for this project. H&P has over 40 years of engineering and land surveying experience in the Commonwealth of Virginia. H&P's management and personnel have extensive experience in all phases of land surveying and aerial photogrammetry that involves surveying streets and highways throughout the Commonwealth of Virginia that are part of the VDOT system. H&P will provide their services from their Lynchburg office. Clark Nexsen has teamed with H&P on many projects in the past.

#### **Experience of Branscome and Lead Design Firm (Clark Nexsen)**

Branscome and Clark Nexsen have partnered on past projects. These projects have included design build projects and design bid build projects. A recent example of a design build project where Branscome and Clark Nexsen have partnered included the Runway Repair 5R/23L project at NAS Oceana, VA Beach, VA. This \$14 million design build project was to repair/replace runway and other ancillary airfield pavements at Naval Air Station Oceana. Construction work included removal and replacement of portions of portland cement concrete pavement and bituminous concrete pavement; removal and replacement of base course material; removal of touchdown zone lighting; removal and reinstallation of existing fixtures and new light fixtures to their proper elevation height; remove and reconstruct bituminous concrete access roads to two sets of arresting gear; restriping of entire runway; regrade shoulders of runway to improve drainage; and install temporary erosion and sediment control features.



An aerial photograph of a highway interchange. The main road curves from the bottom left towards the center, where it meets a multi-lane highway that runs diagonally from the bottom right towards the top right. The highway has several lanes and a median. In the background, there is a residential area with houses and trees. A semi-transparent white rectangular box is overlaid on the center of the image, containing the text "3.5 PROJECT RISK".

**3.5 PROJECT RISK**

### 3.5 Project Risk

#### 1. Maintenance of Traffic (MOT) During Construction

The proposed project will require reconstruction directly within the limits of the existing Route 15 travel lanes and the termini of the I-64 interchange ramps. Furthermore, the new roadway geometrics associated with the diverging diamond interchange (DDI) configuration will create challenges during construction associated with shifting traffic in an easily identifiable and comfortable pattern for the traveling public.

**Why MOT is Critical** – Both I-64 and Route 15 carry substantial traffic volumes. According to page 15 of the July 21, 2011 VDOT Interchange Modification Report (IMR), I-64 had 37,700 VPD in 2010 and those volumes are projected to increase to 43,000 VPD in 2014 and 71,000 VPD in 2035. Likewise, Route 15 also has high traffic volumes with 15,500 VPD in 2010 and projected volumes of 23,300 VPD by 2014 and 42,900 VPD by 2035. Obviously, with such significant traffic volumes and the projected increases, along with the growth of developing properties surrounding this interchange, it will be critical to maintain existing traffic movements. A great deal of the current and future demands on this interchange involves truck traffic. Truck destinations include the gas truck center on the south side of the interchange, the Wal-Mart Distribution Center and Supercenter, Lowes Hardware, or the other industrial developments on the north side of the interchange. It will be very important that all of the vehicles and truck traffic on Route 15 can traverse the construction zone in a safe and orderly manner. The DDI designs that EFK Moen have been involved with (three in Springfield and one in St. Louis) have designed the lane widths/stripping to accommodate large trucks. The intersection approach angles are important to avoid confusion – for example, when there is opposing traffic the vehicle paths are obvious, but when there is light traffic volume, drivers can mistakenly drive to the wrong side of the median. To get an approach angle that helps through traffic, it can create truck-tracking paths outside the normal 12-foot lane widths, so the lanes are widened to accommodate that. EFK Moen has made prior field observations that trucks can typically negotiate the angles and curves within the lanes as designed, but some truck drivers tend to make wider turns – similar to the lane encroachment on dual and triple left/right turn lanes.

**Impact of Inadequate MOT on Project Risk** – The development of a sound, effective and safe MOT plan will help ensure the overall safety of the motoring public utilizing this interchange. An improper or unsafe condition by a poorly designed MOT plan would obviously create the risk of accidents within the construction zone(s) for the project. Accidents would have a high probability of involving large trucks, which are major or significant users of this interchange. The current accident rates and history for this interchange indicate that it is slightly lower than rates for other comparable interchanges in the district and throughout the state. However, with construction activity for a project of this nature, there is the potential for an increase in accidents, especially since there will be a significant change and initial unfamiliarity with the traffic patterns and flows. Any time there are accidents involving large tractor-trailers, especially if it also includes passenger vehicles, there are higher potentials for injuries and fatalities. Such incidents create losses of property, and adverse impacts to the project both financially and schedule wise as well. A project that has a high incidence of accidents and a higher than normal accident rate will realize schedule delays as a result of onsite investigations and evaluations, and then resulting changes or modifications that become necessary with the MOT plans. Inevitably, once all of the designated safety officials from the project team, as well as Police and VDOT perform their investigations and follow-up action reports, along with associated recommendations, there will likely be adverse impacts to the project activities and schedule.

**Mitigation Strategies of Offeror's Team** – An important aspect of our project team is the inclusion of EFK Moen as a key design sub-consultant. The Moen firm designed one of the first DDI projects in the State of Missouri, and as such, has the direct experience required for the design and construction of such facilities, including the preparation and implementation of an efficient and effective MOT plan. EFK Moen's past experience will ensure the D-B team's success in avoiding the common pitfalls and design inefficiencies that other DOT's have experienced in developing and constructing DDI's. In addition to the added experience of EFK Moen, the project team will design and employ a comprehensive MOT and Traffic Management Plan (TMP) that will consider traffic operations throughout each construction phase and sub-phase of the project. It will be critical to understand how every adjustment or alteration of the existing travel patterns through the Route 15 and I-64 corridors will be impacted. The team will analyze the level of service for each construction phase to ensure that adequate capacity is maintained. Given the high volume of trucks at this interchange, it will be important to consider the traffic operations of these larger vehicles in the development of the MOT/TMP plan. For example, traditional construction techniques employ narrower travel lanes (either 10' or 11') through the project corridor. The Zion Crossroads interchange project will likely require wider travel lanes (12').

**Role of VDOT & Other Agencies** – We fully expect and anticipate that VDOT will be extensively involved in the review of all of the associated MOT plans for this project. Again, since this is the first DDI in Virginia, it will be scrutinized and examined by key VDOT staff each step of the way. Also, we can reasonably expect that local and State Police personnel will be visiting the project site on a regular basis due to the unique nature of this project. We will welcome such input and reviews by both VDOT and/or Police representatives so we can ensure the safety of this project for the motoring public.

## **2. Public Awareness/Public Education**

Being the first DDI in Virginia, there will be a certain level of uncertainty and lack of comfort with the new travel patterns through the Zion Crossroads interchange, particularly with navigating the crossovers and traveling in the opposite travel lanes on the bridges. A public awareness plan needs to be developed in order to educate the traveling public on how the DDI operates and what to expect as they travel through the interchange.

**Why Public Awareness/Public Education is Critical** – It was noted during the previous public information meetings as well as at the pre-proposal meeting that it will be essential for the public to learn about and fully understand how to drive or use a DDI. Not only will the public need to understand how to drive through the interchange (especially along Route 15) once it is completed, but it will be just as important to have everyone understand how it will function during construction. Unless there are adequate means and provisions for informing the public of this innovative interchange concept, there will be a higher potential for confusion and resulting accidents.

**Impact of Inadequate Public Awareness/Public Education** – There is great potential for accidents and motorist confusion without a robust and fully developed public information campaign. With all of the truck traffic using this interchange for access to the truck stop and the Wal-Mart Distribution Center, as well as customers going to the Wal-Mart Supercenter, Lowes, and the surrounding commercial establishments, there is a significant potential for confusion when they encounter such a new and unique interchange project. Educating the traveling public will be critical to the project's success.

**Mitigation Strategies of Offeror's Team** – We will have the coordinated efforts of John Herzke, P.E., the public relations firm Capital Results, the design firm E.F.K. Moen, and lead contractor Branscome all working in close concert with VDOT. When Mr. Herzke was City Engineer with the City of Virginia

Beach, he had responsibility, management and oversight of many significant infrastructure projects for the City. During his tenure, he managed a six (6) year C.I.P. with an overall budget of more than \$600 Million. In that management role, he established a high degree of public involvement on transportation projects throughout the city. For example, he developed the first Citizen's Advisory Committee (CAC) for key projects and the CAC's involvement had tremendous successes in galvanizing public support for critical city projects. The formation of the CAC led to many citizens becoming project advocates, who in turn communicated project benefits and details to their communities. Additionally, the team includes the public relations firm Capital Results, who has extensive experience in dealing with public outreach efforts. In addition to their specific experience with transportation projects, they also have expertise in developing public outreach through websites, newsletters, informational flyers, and participation in public meetings. As in other aspects of the project, EFK Moen's previous experience will assist in the education and outreach efforts. These types of strategies, which spur education, involvement, and acceptance by the key project stakeholders, will be fully utilized to ensure the project's success.

***Role of VDOT & Other Agencies*** – As with practically every other aspect of this unique DDI project, we can anticipate that VDOT will naturally have a great deal of involvement. While it is the role and responsibility of the design-build team to design the project, as well as develop strategies and overall efforts for public education and involvement, it is fully understood that VDOT will want to review all of these items by our design-build team. We will include in our processes a review and participation strategy for VDOT's involvement, which will allow for their input or suggestions to be included in the final public involvement measures that are implemented. Other agencies that possibly will be involved in the overall public awareness and public education process will be the local news media, including television, radio, and newspapers to help keep the public informed. For this type of unique interchange project, it will be helpful to have local media programs featuring the project as a special interest item.

### **3. Relations/Communications with Adjacent Businesses During Construction**

The Route 15 corridor area in the vicinity of the I-64 interchange has a fair number of commercial businesses. Given the high existing traffic volumes on Route 15 and the potential of some delays and congestion during construction, it will be important to communicate openly and directly with the adjacent project stakeholders on the expected construction time frames and how the construction might impact their business operations.

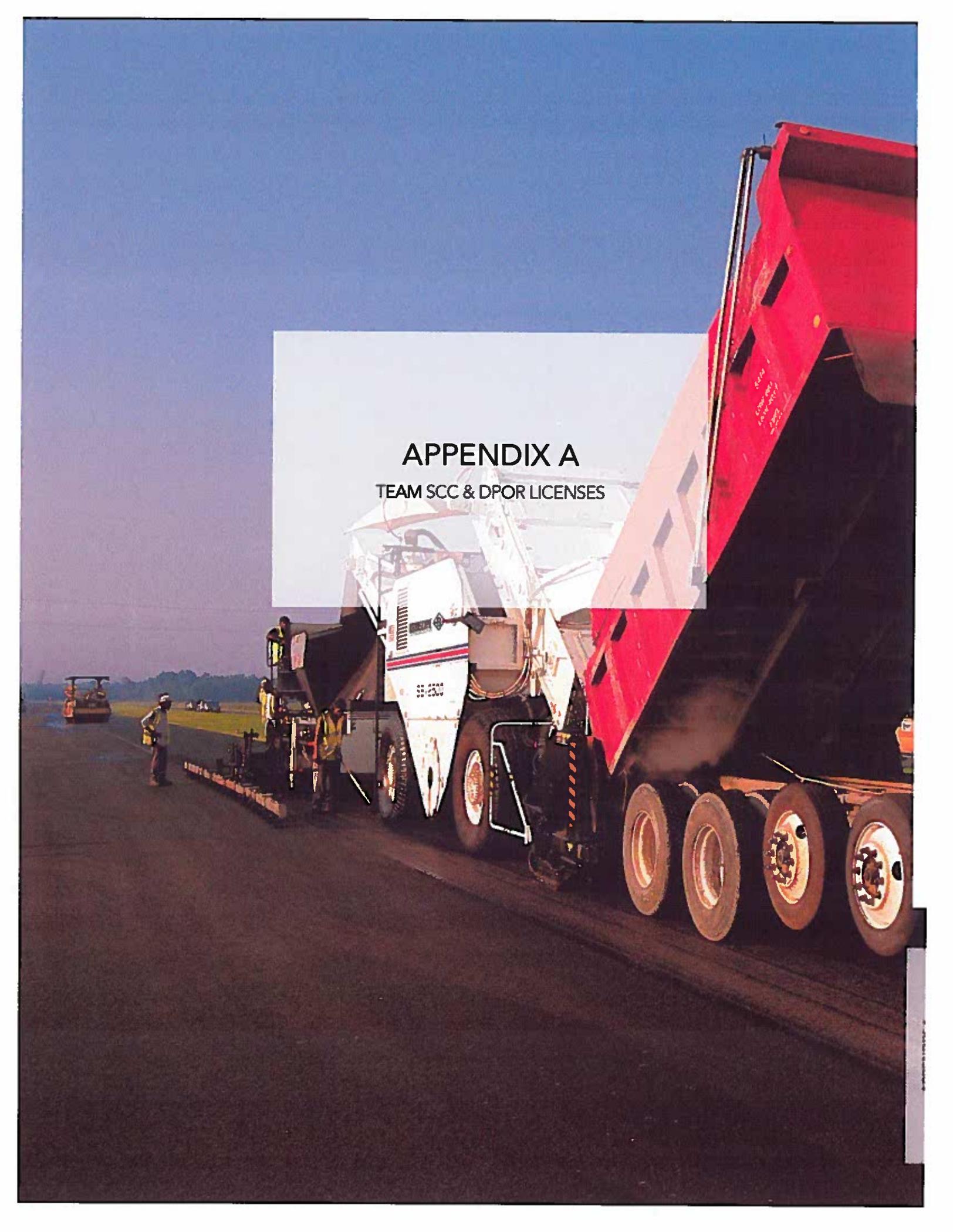
***Why Relations/Communications with Adjacent Businesses During Construction is Critical*** – There are many significant commercial business establishments on both sides of this interchange. It will be important to regularly communicate with representatives from all of these business interests to keep them informed of the ongoing construction activities, since there may be some impacts access and operations during construction. One significant example is the Wal-Mart Distribution Center which has tractor-trailers regularly visiting the location from a large geographical region. If there are certain days or periods where the amount of truck traffic may significantly increase or possibly decrease, then there will be corresponding construction activities that will need to be considered. Adverse impacts to these businesses could potentially lead to strained relationships between the design-build team and the stakeholders, which would have adverse impacts to the project.

***Impact of Inadequate Relations/Communications with Adjacent Businesses During Construction*** – Once relationships break down, there is typically a lack of trust between the parties involved. If the stakeholders feel they are not involved or that they cannot readily communicate with the contractor or the design-build team, then they will make their complaints known to VDOT or contact the news media to report that they are not being treated properly. One of the most detrimental things that can happen to

a project is to lose support from the very stakeholders you are trying to service with such a key project. Once trust and communications break down, and disgruntled business owners contact both VDOT and the media, things can become confrontational and very counterproductive. At that point, significant effort must be devoted to addressing concerns instead of advancing the project.

***Mitigation Strategies of Offeror's Team*** – We would propose to establish a stakeholder's group or CAC with representatives from all of the surrounding key businesses and community groups. There would be regularly scheduled meetings with this group of stakeholders to keep them apprised of planned work activity for the project. A contact list with phone numbers, e-mail addresses, and other related information would be established so information could be distributed when needed. It would also be advisable for this group to hold informal morning meetings during the project, potentially meeting at a local restaurant, to set the tone for amicable relationships amongst all the parties. These weekly or bi-weekly meetings would involve the design-build team, the public relations coordinator for the project, and VDOT staff as well. It would be a means to let everyone know what is scheduled for the immediate future with regards to traffic access, maintenance of traffic, and other project concerns. There could also be informational materials given to the stakeholders to share with their personnel and customers.

***Role of VDOT & Other Agencies*** – The design-build team will keep VDOT fully aware of scheduled activities and concerns of the project stakeholders. The team will also seek out VDOT's involvement and approval in outreach efforts to the affected businesses. However, the mitigation strategy should significantly reduce major concerns from local businesses, thus minimizing VDOT's active participation in the day-to-day outreach efforts of the design-build team.



**APPENDIX A**  
TEAM SCC & DPOR LICENSES



**Branscome Infrastructure**

# Commonwealth of Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

BRANSCOME INC. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is December 14, 2000.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
May 7, 2010*

*Joel H. Peck*  
Joel H. Peck, Clerk of the Commission

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
02-28-2013

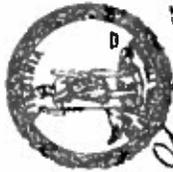
5960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER  
2705 061347A

BOARD FOR CONTRACTORS  
CLASS A CONTRACTORS LICENSE

BRANSCOME INC  
BRANSCOME INC  
4551 JOHN TYLER HIGHWAY  
WILLIAMSBURG VA 23185

\*CLASSIFICATIONS\* H/H



*Gordon N. Dizon*  
Gordon N. Dizon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

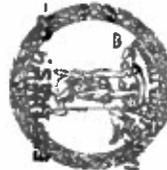
(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA  
BOARD FOR CONTRACTORS - CLASS A  
CONTRACTOR LICENSE - CLASSIFICATIONS: H/H

(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233



NUMBER: 2705 061347A  
BRANSCOME INC  
BRANSCOME INC  
4551 JOHN TYLER HIGHWAY  
WILLIAMSBURG, VA 23185

ALTERATION OF THIS DOCUMENT, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.



February 3, 2012

Virginia Department of Transportation  
1401 East Broad Street, Main Building, 4<sup>th</sup> Floor  
Richmond, Virginia 23219

Telephone: 610-964-8700  
Fax: 610-254-5600  
Website: www.willis.com  
Direct Line: 610-254-5647  
E-mail: wendy.wadkins@willis.com

**RE: Branscome, Inc. DBA Branscome Richmond Bonding Qualification Letter**  
**Contract ID Number: C00086453DB48, Route 15 Interchange Improvements**  
**Estimated Contract Amount: \$7,500,000.**

To Whom It May Concern:

Branscome, Inc. DBA Branscome Richmond is a valued account of the Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland as co-sureties, whose surety requirements we have been privileged to service without any problems.

We have approved bonds for their projects in excess of 25,000,000., with an aggregate bonding capacity of \$500,000,000. The approvals for all bonds is contingent upon the review and acceptability of the underwriting terms at the time of the request by the Principal and bond forms acceptable to the Principal and Surety and written evidence that adequate financing has been made available for this project.

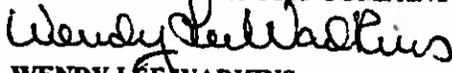
It is understood, that any arrangement for the performance and payment bonds is a matter between Branscome, Inc. DBA Branscome Richmond and ourselves, and we reserve the right to perform normal underwriting at the time of the final bond request, to include, but not limited to the acceptability of the project contract documents, bond forms and financing. We assume no liability to third parties or to you if for any reason we do not execute the said bonds.

As surety for Branscome, Inc. DBA Branscome Richmond, Liberty Mutual Insurance Company with A.M. Best Financial Strength Rating of A (Excellent) and Financial Size Category of XV and Fidelity and Deposit Company of Maryland with A.M. Best Financial Strength Rating of A+ (Superior) and Financial Size Category of XV, 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 Branscome, Inc. DBA Branscome Richmond, in the event that such firm be the successful bidder and enter into a contract for the above captioned project.

Should you have any questions, please do not hesitate to call.

Very truly yours,

LIBERTY MUTUAL INSURANCE COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

  
WENDY LEE WADKINS  
ATTORNEY-IN-FACT

Attached

cc: Mr. Robert Sinclair  
Branscome, Inc.

Ms. Kelley Brown  
Liberty Bond

Mr. Paul Belliveau  
Zurich NA

**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.

**LIBERTY MUTUAL INSURANCE COMPANY  
BOSTON, MASSACHUSETTS  
POWER OF ATTORNEY**

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint WENDY LEE WADKINS, CHRISTOPHER F. MULVANEY, MARK V. NEMMEYER, JANE L. COLE, THOMAS C. CURTISS, JR., WENDYSBUE ASH, VINCENT J. MANCINI, CHARLES N. PARSONS, VICKI RASMUSSEN, ALL OF THE CITY OF RADNOR, STATE OF PENNSYLVANIA, 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 the penal sum not exceeding FIFTY MILLION AND 00/100 DOLLARS (\$ 50,000,000.00) each, and the execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

**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.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, David M. Carey, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to 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.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this day of 27th day of June 2011.



LIBERTY MUTUAL INSURANCE COMPANY

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

COMMONWEALTH OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 27th day of June 2011, before me, a Notary Public, personally came David M. Carey, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Notarial Seal  
Teresa Pastella, Notary Public  
Plymouth Twp., Montgomery County  
My Commission Expires Mar 28, 2013  
Member, Pennsylvania Association of Notaries

By Teresa Pastella  
Teresa Pastella, Notary Public

**CERTIFICATE**

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the 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.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 3rd day of February, 2012.



By Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, 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  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by FRANK E. MARTIN JR., Vice President, and ERIC D. BARNES, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, 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 Wendy Lee WADKINS, Christopher F. MULVANEY, Mark V. NIEMEYER, Jane L. COLE, Charles N. PARSONS, Leonard R. DWOJESKI, Mark A. LYNCH and Vicki RASMUSSEN, all of Radnor, Pennsylvania, 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 Company, 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 Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Wendy Lee WADKINS, Christopher F. MULVANEY, Mark V. NIEMEYER, Jane L. COLE, Charles N. PARSONS, Thomas C. CURTISS, JR., dated January 18, 2011.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 21st day of April, A.D. 2011.

ATTEST:

**FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



*Eric D. Barnes*

*Frank E. Martin Jr.*

*Eric D. Barnes* Assistant Secretary      *Frank E. Martin Jr.* Vice President

State of Maryland }  
City of Baltimore } ss:

On this 21st day of April, A.D. 2011, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came FRANK E. MARTIN JR., Vice President, and ERIC D. BARNES, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

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



*Constance A. Dunn*

*Constance A. Dunn* Notary Public  
My Commission Expires: July 14, 2011

**EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

"Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertakings, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages, and to affix the seal of the Company thereto."

**CERTIFICATE**

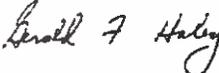
I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate, and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

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 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 seal of the said Company,

this 3rd day of February, 2012.

  
Assistant Secretary



*Architecture & Engineering*

**Clark Nexsen Architecture & Engineering**

# Commonwealth of Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

CLARK, NEXSEN, OWEN, BARBIERI & GIBSON, P. C. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is November 27, 1978.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
June 2, 2008*

*Joel H. Peck*  
Joel H. Peck, Clerk of the Commission



Commonwealth of Virginia  
**State Corporation Commission**

**SCC  
Clerk's  
Information  
System**

CIS0180 CORPORATE DATA INQUIRY 04/04/11 14:33:19

Help  
Print  
Signoff

CORP ID: 019075 - 0 STATUS: 00 ACTIVE STATUS DATE: 05/16/09  
CORP NAME: CLARK, HIXSON, OWEN, BARBIERI & GIBSON, P. C.  
DATE OF CERTIFICATE: 11/27/1978 PERIOD OF DURATION: INDUSTRY CODE: 73  
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK  
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:  
GOOD STANDING IND: Y MONITOR INDICATOR:  
CHARTER FEE: 180.00 MON NO: MON STATUS: MONITOR DIE:  
R/A NAME: KENNETH G STEPKA



STREET: 6160 KEMPSVILLE CIR STE 200A AR RTH MAIL:  
CITY: NORFOLK STATE: VA ZIP: 23502  
R/A STATUS: 2 OFFICER EFF. DATE: 10/24/02 LOC: 212  
ACCEPTED AR#: 210 27 0860 DATE: 09/29/10 MORFOLK CITY  
CURRENT AR#: 210 27 0860 DATE: 09/29/10 STATUS: A ASSESSMENT INDICATOR: 0  
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
10 670.00 100,000

CIS has changed to enhance its navigation.  
Click on menu items or buttons to select and perform functions. You may also use  
function keys as labeled. Function key usage varies depending on the Application  
Screen.  
Please refer to [Function Key Documentation](#) for details.  
(Search ID: Corp Data Inqury)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 387-8500

EXPIRES ON  
12-31-2013

NUMBER  
0405000238

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL CORPORATION REGISTRATION  
PROFESSIONS: ARC, LA, ENG



CLARK, NEXSEN, OWEN, BARBIERI & GIBSON PC  
CLARK NEXSEN, PC  
6160 KEMPSVILLE CIRCLE  
SUITE 200A  
NORFOLK, VA 23502

*Gerda N. Dixon*  
Gerda N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGES)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA  
PROFESSIONAL CORPORATION REGISTRATION  
NUMBER: 0405000238 EXPIRES: 12-31-2013  
PROFESSIONS: ARC, LA, ENG  
CLARK, NEXSEN, OWEN, BARBIERI & GIBSON PC CLARK  
NEXSEN, PC  
6160 KEMPSVILLE CIRCLE  
SUITE 200A  
NORFOLK, VA 23502



(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
8800 Mayland Dr., Suite 400, Richmond, VA 23233

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION**

**COMMONWEALTH OF VIRGINIA**

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: 1 (804) 367-8500

EXPIRES ON  
02-29-2012

NUMBER

0410000130

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS**  
PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION

PROFESSIONS: ARC, ENG

CLARK NEXSEN OWEN BARBIERI & GIBSON PC  
CLARK NEXSEN  
213 S JEFFERSON ST STE 1011  
ROANOKE, VA 24011



*James W. Barber*  
James W. Barber, Secretary

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

06-30-2013

9980 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 387-8500

NUMBER

0402022381

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

DAVID ALLEN BRADSHAW  
1353 STEPHENS ROAD  
VIRGINIA BEACH, VA 23454



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON  
01-31-2013**

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

**NUMBER  
0402021306**

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE**

**DAVID MAARTEN PARKER  
308 BARTLETT DRIVE  
CHESAPEAKE, VA 23322**



*Jordan N. Davis*  
Jordan N. Davis, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

06-30-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER

0402040773

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

MICHAEL TIPPIN  
530 HIGH POINT AVE  
VIRGINIA BEACH, VA 23451



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

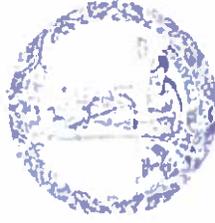
9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

EXPIRES ON  
07-31-2012

NUMBER  
0402033510

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE**

**ROBERT ANDREW SHERMAN  
152 S. KENTUCKY AVE  
VIRGINIA BEACH, VA 23452**



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

EXPIRES ON

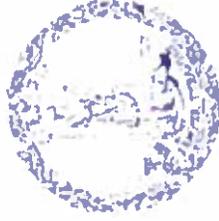
06-30-2012

NUMBER

0402037431

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

SCOTT PARKER SCHWERIN  
623 GRAYDON AVE  
NORFOLK, VA 23507



*Gordon N. Dixon*  
Gordon N. Dixon, Director

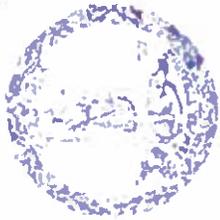
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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

POCKET CARD

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA  
PROFESSIONAL ENGINEER LICENSE  
NUMBER 0402037431 EXPIRES: 06-30-2012



SCOTT PARKER SCHWERIN  
623 GRAYDON AVE  
NORFOLK VA 23507

DETACH HERE

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

04-30-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER

0402025919

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

ACHYUT G PATEL  
729 QUEEN ELIZABETH DR  
VIRGINIA BEACH, VA 23452



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

- License Lookup
- Online License Services
- News & Announcements
- Licensing & Regulation (Boards)
- Compliance & Investigations
- Law & Policy
- Public Records
- Services for Licensees/Regulants
- Services for Consumers
- Services for Board Members/Employees
- Fair Housing Office
- About DPOR

APELSCIDLA Individual License

APELSCIDLA Individual License	
NAME:	BROWN, KATHRYN BOWERS
CITY, STATE:	NORFOLK, VA
OCCUPATION:	PROFESSIONAL ENGINEER 0402
LICENSE:	041326
INITIAL CERTIFICATION DATE:	DECEMBER 29, 2005
EXPIRATION DATE:	DECEMBER 31, 2013

Open Complaints: None

"Open Complaints" reflect only those complaints for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulation. Only those cases that have proceeded through an investigation to the adjudication stage are displayed.

State law prohibits the disclosure of any information about open complaints (Code of Virginia Section 54.1-108). Members of the public may review official records and obtain copies only after a complaint investigation is closed.

Closed Complaints: None

"Closed Complaints" reflect complaints closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.

To inquire about any disciplinary actions prior to 1990, contact the department's Public Records Section at (804) 367-8583 or [RecordsMgt@dpor.virginia.gov](mailto:RecordsMgt@dpor.virginia.gov).

Note: The official record copy of the data obtained from this search is maintained by the specific board offices at the Department of Professional and Occupational Regulation (DPOR). [Click here for telephone and email contact information for DPOR licensing boards.](#) [Click here for information on how to file a complaint,](#) or contact the Compliance and Investigations Division at 804-367-8504.





**NXL Construction Services, Inc.**

# Commonwealth OF Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

NXL Construction Co., Inc. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is November 17, 1989.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:  
July 10, 2007*



*Joel H. Peck*  
\_\_\_\_\_  
*Joel H. Peck, Clerk of the Commission*

# Commonwealth OF Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

A duly attested copy of a certificate setting forth that NXL Construction Co., Inc. conducts business in Virginia under the assumed or fictitious name of NXL CONSTRUCTION SERVICES, INC. was filed in the Clerk's Office of the Commission on September 16, 1992.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:  
July 29, 2009*



*Joel H. Peck*  
Joel H. Peck, Clerk of the Commission

**Business Entity**  
 SCC ID: 03497427  
 Business Entity Type: Corporation  
 Jurisdiction of Formation: VA  
 Date of Formation Registration: 11/17/1989  
 Status: Active  
 Shares Authorized: 5000

**NKL Construction Co., Inc.**  
 SCC ID: 03497427  
 Business Entity Type: Corporation  
 Jurisdiction of Formation: VA  
 Date of Formation Registration: 11/17/1989  
 Status: Active  
 Shares Authorized: 5000

**Principal Office**  
 114 E CARY STREET SUITE 200  
 RICHMOND VA 23219

**Registered Agent/Registered Office**  
 NICOMEDES L DE LEON  
 9606 GEORGE S BLOUFF RD  
 RICHMOND VA 23229

**HENRICO COUNTY**  
 Status: Active  
 Effective Date: 08/1998

[View Entity eFile history](#)

**Quick Links**

- Home
- Business Entity
- Business Filings
- Business Search
- Business Status



Users are encouraged to create an SCC eFile account to:

- Conveniently monitor business entities through the use of a "Favorites" list
- Perform easy step-by-step online transactions for certain types of filings, such as registered agent changes
- Quickly access online filing history

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
12-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER  
0407003031

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION

PROFESSIONS: ENG, LS

NXL CONSTRUCTION CO INC  
NXL CONSTRUCTION SERVICES INC  
114 E CARY ST STE 200  
RICHMOND, VA 23219



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA  
BOARD FOR APPLSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407003031 EXPIRES: 12-31-2013  
PROFESSIONS: ENG, LS  
NXL CONSTRUCTION CO INC NXL CONSTRUCTION  
SERVICES INC  
114 E CARY ST STE 200  
RICHMOND, VA 23219



(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
02-29-2012

6960 Mayland Dr., Suite 400, Richmond, VA 23283  
Telephone: (804) 367-6500

NUMBER  
0411000678

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG, LS

NXL CONSTRUCTION CO INC  
NXL CONSTRUCTION SERVICES INC  
2870-C SOUTH MAIN ST.  
HARRISONBURG, VA 22801



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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APPLICABLE  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411000678 EXPIRES: 02-29-2012  
PROFESSIONS: ENG, LS

NXL CONSTRUCTION CO INC NXL CONSTRUCTION SERVICES INC  
2870-C SOUTH MAIN ST.  
HARRISONBURG, VA 22801



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
6960 Mayland Dr., Suite 400, Richmond, VA 23283

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(808)

**EFK•Moen, LLC**  
**Civil Engineering Design**

**EFK Moen, LLC**

# Commonwealth of Virginia



## State Corporation Commission

### CERTIFICATE OF FACT

*I Certify the Following from the Records of the Commission:*

That EFK Mpen, LLC, a limited liability company organized under the law of MISSOURI, obtained a certificate of registration to transact business in Virginia from the Commission on August 29, 2011; and

That it is registered to transact business in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:  
September 7, 2011*

*Joel H. Peck*  
Joel H. Peck, Clerk of the Commission



# Commonwealth of Virginia



## STATE CORPORATION COMMISSION

*Richmond, September 7, 2011*

*This certificate of registration to transact business in Virginia is issued for*

**EFK Moen, LLC**

**(Date of registration – August 29, 2011)**

*a limited liability company organized under the laws of MISSOURI and the said company is authorized to transact business in Virginia, subject to all Virginia laws applicable to the company and its business.*



*State Corporation Commission*

*Attest:*

*Joel H. Pesh*  
Clerk of the Commission



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- [Division Contact](#)
- [Laws & Regulations](#)
- [Budget Archive](#)
- [External Links](#)

## EFK Moen, LLC

SCC ID: T0476004

Business Entity Type: Foreign Limited Liability Company

Jurisdiction of Formation: MO

Date of Formation/Registration: 8/29/2011

Status: Active



#### Principal Office

13523 BARRETT PARKWAY DR STE 250

ST. LOUIS MO 63021-0000

#### Registered Agent/Registered Office

CT CORPORATION SYSTEM  
4701 COX RD STE 301

GLEN ALLEN VA 23060-6802

HENRICO COUNTY 143

Status: Active

Effective Date: 8/29/2011

Users are encouraged to create an SCC eFile account to:

- Conveniently monitor business entities through the use of a "Fave list"
- Perform easy step-by-step online transactions for certain types of such as registered agent changes
- Quickly access online filing history

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Screen ID: e1000

Need additional information? Contact [sccefile@scv.virginia.gov](mailto:sccefile@scv.virginia.gov) Website questions? Contact [webmaster@scv.virginia.gov](mailto:webmaster@scv.virginia.gov)

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
12-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 967-8500

NUMBER  
0407005948

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION

PROFESSIONS: ENG

EFK MOEN, LLC  
13523 BARRETT PARKWAY DR  
STE 250  
BALLWIN, MO 63021



*Gordon W. Dixon*  
Gordon W. Dixon, Director

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(POCKET CARD) COMMONWEALTH OF VIRGINIA

BOARD FOR APPLICANTS  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407005948 EXPIRES: 12-31-2013  
PROFESSIONS: ENG  
EFK MOEN, LLC  
13523 BARRETT PARKWAY DR  
STE 250  
BALLWIN, MO 63021



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

01-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8800

NUMBER

0402045902

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

LINDA LEIGH MOEN  
13523 BARRETT PKWY DR STE 250  
BALLWIN, MO 63021



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APPLICANTS  
PROFESSIONAL ENGINEER LICENSE  
NUMBER: 0402045902 EXPIRES: 01-31-2013

LINDA LEIGH MOEN  
13523 BARRETT PKWY DR STE 250  
BALLWIN, MO 63021



1502

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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CAPITAL  RESULTS

**Capital Results**

# Commonwealth of Virginia



## STATE CORPORATION COMMISSION

Richmond, December 1, 1998

*This is to Certify that the certificate of incorporation of*

*The Public Affairs Office, Inc.*

*was this day issued and admitted to record in this office  
and that the said corporation is authorized to transact its business  
subject to all Virginia laws applicable to the corporation and its  
business. Effective date:*

December 1, 1998



*State Corporation Commission*

*Joel H. Beck*

*Clerk of the Commission*

# Commonwealth OF Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

The foregoing is a true copy of an assumed or fictitious name certificate on file in the Clerk's Office of the Commission certifying that The Public Affairs Office, Inc. conducts business under the assumed or fictitious name of CAPITAL RESULTS.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
March 31, 2005*

*Joel H. Peck*  
\_\_\_\_\_  
*Joel H. Peck, Clerk of the Commission*

**DIVERSIFIED  
PROPERTY  
SERVICES  
INCORPORATED**

**Diversified Property Services, Inc.**

# Commonwealth of Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

DIVERSIFIED PROPERTY SERVICES OF VIRGINIA, INC. (USED IN VA BY: DIVERSIFIED PROPERTY SERVICES, INC.), a corporation existing under the laws of MARYLAND, holds a certificate of authority to transact to transact business in Virginia, and is in good standing.

The certificate was issued on August 05, 1997.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:  
August 18, 2009*

*Joel H. Peck*  
\_\_\_\_\_  
*Joel H. Peck, Clerk of the Commission*





Commonwealth of Virginia  
State Corporation Commission

S  
Cor

Virg

CISM0180

CORPORATE DATA INQUIRY

05/10/11

11:29:33

CORP ID: F130410 - 6 STATUS: 00 ACTIVE STATUS DATE: 07/01/09  
 CORP NAME: DIVERSIFIED PROPERTY SERVICES OF VIRGINIA, INC. (U  
 SED IN VA BY: DIVERSIFIED PROPERTY SERVICES, INC.)  
 DATE OF CERTIFICATE: 08/05/1997 PERIOD OF DURATION: INDUSTRY CODE: 00  
 STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK  
 MERGER IND: CONVERSION/DOMESTICATION IND:  
 GOOD STANDING IND: Y MONITOR INDICATOR:  
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:  
 R/A NAME: BRENDAN R HANTZES  
 STREET: 3771 VERMACCHIA DR AR RTN MAIL:  
 CITY: CHANTILLY STATE : VA ZIP: 20151  
 R/A STATUS: 2 OFFICER EFF. DATE: 08/09/02 LOC : 129  
 ACCEPTED AR#: 210 25 5164 DATE: 08/30/10 FAIRFAX COUNTY  
 CURRENT AR#: 210 25 5164 DATE: 08/30/10 STATUS: A ASSESSMENT INDICATOR: 0  
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
 10 100.00 5,000

(Screen Id:Corp\_Data\_Inquiry)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
**11-30-2012**

9980 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER  
**4008 001190**

REAL ESTATE APPRAISER BOARD  
BUSINESS REGISTRATION

DIVERSIFIED PROPERTY SERVICES OF VIRGINIA INC  
20 E TIMONIUM ROAD SUITE 111  
TIMONIUM MD 21093 0000



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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TICKET CARD) COMMONWEALTH OF VIRGINIA

REAL ESTATE APPRAISER BOARD  
BUSINESS REGISTRATION  
NUMBER: 4008 001190 EXPIRES: 11-30-2012  
DIVERSIFIED PROPERTY SERVICES OF VIRGINIA INC  
20 E TIMONIUM ROAD SUITE  
TIMONIUM MD 21093 0000



(DETACH HERE)  
DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9980 Mayland Dr., Suite 400, Richmond, VA 23233

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Robert F. McDonnell  
Governor

Lisa M. Hicks-Thomas  
Secretary of Administration

## COMMONWEALTH OF VIRGINIA

Department of Minority Business Enterprise

1111 East Main Street, Suite 300  
Richmond, Virginia 23219

Ida Outlaw McPherson  
Director

### VIRGINIA UNIFIED CERTIFICATION PROGRAM

February 2, 2011

Patricia Dablock  
Diversified Property Services of VA  
20 E. Timonium Road, Suite 111  
Timonium, MD 21093

Certification Number: **DBE 626679**

Dear Ms. Dablock

The Virginia Department of Minority Business Enterprise (VDMBE) has approved your firm's request for continued participation in the Disadvantaged Business Enterprise (DBE) Program subject to the requirements of the DBE Regulation 49 CFR, Part 26 and all the laws of this state applicable to the transaction of business. Diversified Property Services of VA remains eligible to participate in the DBE Program until April 12, 2013, unless it is determined otherwise. However, prior to April 12 of next year, you will be required to submit updated Information (Affidavit of No Change, Contact Information Update, business and personal federal tax returns for the last tax year—*signed and dated*—and a current Personal Financial Statement) to continue in the DBE Program.

We are pleased to inform you that we have certified your company in the following NAICS Code(s):

531320      Offices of Real Estate Appraisers

It is your responsibility to notify VDMBE immediately of any changes in your firm such as name, address, ownership, officers, or Board of Directors. Please check the accuracy of your internet entry in the DBE Directory at [www.dmbc.virginia.gov](http://www.dmbc.virginia.gov). Your firm's certification is subject to our review at any time during the year and you may be required to provide any and all relevant documentation. Failure to cooperate by providing the requested information may lead to de-certification.

You may receive management and technical assistance by writing to the Department of Minority Business Enterprise, 1111 East Main St., Ste 300, Richmond, VA 23219, or by calling (804) 786-5560. If you have questions, please contact Sharon Marcus at (804) 225-2489 or by email at [sharon.marcus@dmbc.virginia.gov](mailto:sharon.marcus@dmbc.virginia.gov).

Sincerely,

Calvin M. Thweatt, VCO  
Certification & Technical Services Manager



**Froehling & Robertson, Inc.**

# Commonwealth of Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

FROEHLING & ROBERTSON, INCORPORATED, (Entity ID# 0027211-2), is a stock corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is October 11, 1924.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
August 13, 2009*

*Joel H. Peck*  
Joel H. Peck, Clerk of the Commission

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
12-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER  
0407000098

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION

PROFESSIONS: ENG

FROEHLING & ROBERTSON, INC  
3015 DUMBARTON ROAD  
RICHMOND, VA 23228



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

(DETACH HERE)

BOARD FOR APPLSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407000098 EXPIRES: 12-31-2013  
PROFESSIONS: ENG  
FROEHLING & ROBERTSON, INC  
3015 DUMBARTON ROAD  
RICHMOND, VA 23228



DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON  
02-29-2012**

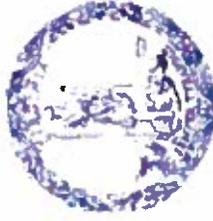
9880 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-9500

**NUMBER  
0411000052**

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION**

**PROFESSIONS: ENG**

**FROEHLING & ROBERTSON, INC  
6181 ROCKFISH GAP TURNPIKE  
CROZET, VA 22932**



*John W. Roberts*  
John W. Roberts, Secretary

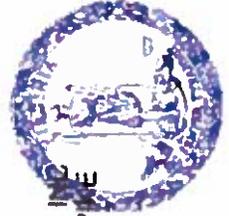
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(POCKET CARD)

**COMMONWEALTH OF VIRGINIA**

**BOARD FOR APELSCIDLA  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411000052 EXPIRES: 02-29-2012  
PROFESSIONS: ENG  
FROEHLING & ROBERTSON, INC  
6181 ROCKFISH GAP TURNPIKE  
CROZET, VA 22932**



(DETACH HERE)

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
8080 Mayland Dr., Suite 400, Richmond, VA 23233**

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

12-31-2012

9960 Mayland Dr., Suite 400, Richmond, VA 23223  
Telephone: (804) 367-8500

NUMBER

0402037906

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

CLYDE ANDERSON SIMMONS III  
FROEHLING AND ROBERTSON INC  
6181 ROCKFISH GAP TURNPIKE  
CROZET, VA 22932



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

**HURT & PROFFITT**  
 **INCORPORATED**

**Hurt & Proffit, Inc.**

# Commonwealth of Virginia



## State Corporation Commission

### CERTIFICATE OF GOOD STANDING

*I Certify the Following from the Records of the Commission:*

That HURT & PROFFITT, INC. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is January 9, 1973;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:*

*January 5, 2012*

*Joel H. Peck*

*Joel H. Peck, Clerk of the Commission*

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

9980 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

EXPIRES ON  
12-31-2013

NUMBER  
0407003927

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION**

**PROFESSIONS: ENG, LS**



**HURT & PROFFITT INC  
2524 LANGHORNE RD  
LYNCHBURG, VA 24501**

*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(POCKET CARD)

**COMMONWEALTH OF VIRGINIA**

**BOARD FOR APELSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407003927 EXPIRES: 12-31-2013  
PROFESSIONS: ENG, LS  
HURT & PROFFITT INC  
2524 LANGHORNE RD  
LYNCHBURG, VA 24501**



(DETACH HERE)  
**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9980 Mayland Dr., Suite 400, Richmond, VA 23233**

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON

12-31-2012

9980 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER

0403002695

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
LAND SURVEYOR LICENSE

TROY DEWITT WILLIAMS  
1086 ABBEY PLACE  
FOREST, VA 24551



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)



**Accumark, Inc.**

# Commonwealth OF Virginia



## State Corporation Commission

*I Certify the Following from the Records of the Commission:*

ACCUMARK, INC. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is January 30, 1995.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:  
August 7, 2009*

*Joel H. Peck*  
\_\_\_\_\_  
*Joel H. Peck, Clerk of the Commission*

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

EXPIRES ON  
12-31-2013

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 387-8500

NUMBER  
0407005172

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION**

PROFESSIONS: ENG

ACCUMARK INC  
9500 KING AIR CT  
ASHLAND, VA 23005



*James N. Dixon*  
James N. Dixon, Director

ALTERNATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407005172 EXPIRES: 12-31-2013  
PROFESSIONS: ENG  
ACCUMARK INC  
9500 KING AIR CT  
ASHLAND, VA 23005



(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

8960 Mayland Dr., Suite 400, Richmond, VA 23293  
Telephone: (804) 387-8500

EXPIRES ON  
08-31-2013

NUMBER  
0402010372

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

W C LABAUGH III  
2418 MOUNTAINBROOK DRIVE  
RICHMOND, VA 23233



*Gordon N. Dices*  
Gordon N. Dices, Director

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**APPENDIX B**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUMES & DPOR LICENSES

WATERFRONT MARINE  
Construction

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>
Name & Title: <b>Michael A. Colbert – Project Manager</b>
a. Project Assignment: <b>Design-Build Project Manager</b>
b. Name of Firm with which you are now associated: <b>Branscome Richmond</b>
c. Years experience: With this Firm <u>1</u> Years With Other Firms <u>22</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years.  <b><i>Project Manager/Branscome Richmond Richmond, VA January 2012 to Present</i></b> Management of transportation projects for Branscome's Richmond region. Ultimately responsible for project delivery, quality management, contract administration, and safety. Act as the main liaison between the owner, designer, Branscome management and the construction teams on site.  <b><i>Senior Estimator/American Infrastructure-VA, Inc. Richmond, VA October 2006 to January 2012</i></b> Overall responsibility for the preparation of estimates for all of the business unit's Heavy Civil projects from discovery through submission. Projects ranged in size from \$1MM to \$50MM+. Roles include assigning lead estimators, leading the estimating team, coordination with the purchasing department, customer/vendor relations.  <b><i>Operations Manager/ APAC-Virginia, Inc. Winchester, VA April 2005 to October 2006</i></b> Overall responsibility for the day to day operations of a \$50 MM/Year business unit of the largest highway contractor in the U.S. Responsibilities included budget creation/management, cash management, FOB asphalt sales, daily scheduling of crews and equipment, equipment maintenance, and supporting the estimating department in customer relations and estimate preparation. Responsible for managing 3 asphalt plants (with an annual volume over 400,000 tons), 300 pieces of equipment and over 200 employees.  <b><i>Project Manager/APAC-Virginia, Inc. Manassas, VA June 2003 to April 2005</i></b> Responsible for planning, directing and coordinating the activities of designated heavy civil projects to ensure that goals and objectives were accomplished within scheduled timeframes and established budget. Projects ranged in size from \$1MM to \$30MM. Other duties included preparing and maintaining profit and loss reports, creating and maintaining project schedules, project billings, cash management, subcontract management, developing purchase orders and customer relations.  <b><i>Project Superintendent/APAC-Virginia, Inc. Manassas, VA April 2000 to June 2003</i></b> Responsible for planning, directing and coordinating the field operations of assigned highway and bridge projects to ensure that projects were completed on-time and on-budget. Projects ranged in size from \$1MM to \$30MM. Other duties included equipment scheduling/maintenance, subcontractor management, customer relations and trouble shooting.  <b><i>Superintendent/Balfour Beatty Construction, Inc. Atlanta, GA June 1997 to April 2000</i></b> Worked as a superintendent on large scale heavy civil construction projects ranging in size from \$30MM to \$120MM in both the heavy highway and wastewater/water treatment sectors. Responsibilities included planning, scheduling, resource management, and customer relations.
d. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Texas at El Paso/AS/1992/Construction Management

e. Active Registration: Year First Registered/ Discipline/VA Registration #:  
N/A

f. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

**Project: I-81 Abrams Creek Bridge and Exit 313 Modification, APAC-Atlantic, Inc., Winchester, VA**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was the Project Manager for this interstate safety improvement project. The project involved constructing a new northbound on ramp and bridge which provides for a much safer merge on to the mainline of I-81. The traffic patterns for this interchange were modified dramatically with the addition of more through and turn lanes, signal modifications, overhead signage, and a new sidewalk along the south side of Route 50/522. Mr. Colbert was responsible for contract administration, customer relations, scheduling, resource management, and public relations for this important community project. **Performed with APAC-Atlantic, Inc. (2005 thru 2006)**

**Project: I-81/Route 659 Interchange, Whitehall, VA**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was Project Manager for this interchange reconstruction project. The project involved reconstruction of 4 existing ramps, demolition and replacement of the existing two span bridge over I-81 and the realignment of the Route 11 intersection. The project involved extensive maintenance of traffic on one of the most heavily traveled trucking routes on the East Coast. Mr. Colbert was responsible for all aspects of the project including scheduling, resource management, quality control, subcontractor management, and customer relations. **Performed with APAC-Atlantic, Inc. (2002 thru 2003)**

**Project: I-81 Widening, Martinsburg, W.V.**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was Project Manager for this interstate widening project. The project involved the reconstruction of the existing four-lane interstate, replacement of two in-line bridges, as well as, the addition of one additional travel lane in each direction. This \$9MM project was constructed simultaneously with three other directly adjacent projects. The phased construction of this project, along with the adjacent contracts required extensive planning and coordination with the West Virginia Department of Highways in order to maintain traffic with minimal disruption. **Performed with APAC-Atlantic, Inc. (2000 thru 2002)**

**Project: I-81/King Street Interchange, Martinsburg W.V.**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was responsible for all aspects this phased interchange reconstruction project. The project involved replacement of the existing two-lane overpass over I-81 with a new, longer, four-lane structure, along with modifications to four ramps. Truck traffic along I-81, difficult soil conditions, as well as other adjacent projects, made this project particularly challenging. Mr. Colbert acted as liaison with the other project partners to ensure the project's successful on-time delivery. **Performed with APAC-Atlantic, Inc. (2000 thru 2002)**

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>
Name & Title: <b>Michael A. Colbert – Project Manager</b>
a. Project Assignment: <b>Design-Build Project Manager</b>
b. Name of Firm with which you are now associated: <b>Branscome Richmond</b>
c. Years experience: With this Firm <u>1</u> Years With Other Firms <u>22</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years.  <i><b>Project Manager/Branscome Richmond Richmond, VA January 2012 to Present</b></i> Management of transportation projects for Branscome's Richmond region. Ultimately responsible for project delivery, quality management, contract administration, and safety. Act as the main liaison between the owner, designer, Branscome management and the construction teams on site.  <i><b>Senior Estimator/American Infrastructure-VA, Inc. Richmond, VA October 2006 to January 2012</b></i> Overall responsibility for the preparation of estimates for all of the business unit's Heavy Civil projects from discovery through submission. Projects ranged in size from \$1MM to \$50MM+. Roles include assigning lead estimators, leading the estimating team, coordination with the purchasing department, customer/vendor relations.  <i><b>Operations Manager/APAC-Virginia, Inc. Winchester, VA April 2005 to October 2006</b></i> Overall responsibility for the day to day operations of a \$50 MM/Year business unit of the largest highway contractor in the U.S. Responsibilities included budget creation/management, cash management, FOB asphalt sales, daily scheduling of crews and equipment, equipment maintenance, and supporting the estimating department in customer relations and estimate preparation. Responsible for managing 3 asphalt plants (with an annual volume over 400,000 tons), 300 pieces of equipment and over 200 employees.  <i><b>Project Manager/APAC-Virginia, Inc. Manassas, VA June 2003 to April 2005</b></i> Responsible for planning, directing and coordinating the activities of designated heavy civil projects to ensure that goals and objectives were accomplished within scheduled timeframes and established budget. Projects ranged in size from \$1MM to \$30MM. Other duties included preparing and maintaining profit and loss reports, creating and maintaining project schedules, project billings, cash management, subcontract management, developing purchase orders and customer relations.  <i><b>Project Superintendent/APAC-Virginia, Inc. Manassas, VA April 2000 to June 2003</b></i> Responsible for planning, directing and coordinating the field operations of assigned highway and bridge projects to ensure that projects were completed on-time and on-budget. Projects ranged in size from \$1MM to \$30MM. Other duties included equipment scheduling/maintenance, subcontractor management, customer relations and trouble shooting.  <i><b>Superintendent/Balfour Beatty Construction, Inc. Atlanta, GA June 1997 to April 2000</b></i> Worked as a superintendent on large scale heavy civil construction projects ranging in size from \$30MM to \$120MM in both the heavy highway and wastewater/water treatment sectors. Responsibilities included planning, scheduling, resource management, and customer relations.
d. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Texas at El Paso/AS/1992/Construction Management

c. Active Registration: Year First Registered/ Discipline/VA Registration #:  
N/A

f. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

**Project: I-81 Abrams Creek Bridge and Exit 313 Modification, APAC-Atlantic, Inc., Winchester, VA**

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**Responsibilities:** Mr. Colbert was the Project Manager for this interstate safety improvement project. The project involved constructing a new northbound on ramp and bridge which provides for a much safer merge on to the mainline of I-81. The traffic patterns for this interchange were modified dramatically with the addition of more through and turn lanes, signal modifications, overhead signage, and a new sidewalk along the south side of Route 50/522. Mr. Colbert was responsible for contract administration, customer relations, scheduling, resource management, and public relations for this important community project.

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**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was Project Manager for this interchange reconstruction project. The project involved reconstruction of 4 existing ramps, demolition and replacement of the existing two span bridge over I-81 and the realignment of the Route 11 intersection. The project involved extensive maintenance of traffic on one of the most heavily traveled trucking routes on the East Coast. Mr. Colbert was responsible for all aspects of the project including scheduling, resource management, quality control, subcontractor management, and customer relations.

**Project: I-81 Widening, APAC-Atlantic, Inc. Martinsburg, W.V.**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was Project Manager for this interstate widening project. The project involved the reconstruction of the existing four-lane interstate, replacement of two in-line bridges, as well as, the addition of one additional travel lane in each direction. This \$9MM project was constructed simultaneously with three other directly adjacent projects. The phased construction of this project, along with the adjacent contracts required extensive planning and coordination with the West Virginia Department of Highways in order to maintain traffic with minimal disruption.

**Project: I-81/King Street Interchange, APAC-Atlantic, Inc., Martinsburg W.V.**

**Project Role:** Project Manager

**Responsibilities:** Mr. Colbert was responsible for all aspects this phased interchange reconstruction project. The project involved replacement of the existing two-lane overpass over I-81 with a new, longer, four-lane structure, along with modifications to four ramps. Truck traffic along I-81, difficult soil conditions, as well as other adjacent projects, made this project particularly challenging. Mr. Colbert acted as liaison with the other project partners to ensure the project's successful on-time delivery.

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>
Name & Title: <b>Michael W. Saunders, PE, CCM, Project Manager/Quality Assurance Manager</b>
a. Project Assignment: <b>Quality Assurance / Quality Control Manager</b>
Name of Firm with which you are now associated: <b>NXL Construction Services, Inc.</b>
b. Years experience: With this Firm <u>1</u> Years With Other Firms <u>7</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years.
<p><b><i>VDOT Project Control Engineer/Area Construction Engineer for Design-Build &amp; Locally Administered Projects, Richmond District.</i></b> <b><i>May 2011-November 2011.</i></b></p> <p>Mr. Saunders was responsible for quality assurance and for coordinating constructability reviews to include developing pre-advertisement schedules and sequence of construction as well as for coordination of post-award schedule reviews and District Wide NOI and claims analysis. He was assigned as the Responsible Charge Project Manager for various Design Build projects throughout the Richmond District. The assignment included serving on the selection panel during the procurement phase and serving as Project Manager of the construction phase. Other responsibilities included attending weekly progress meetings and multiple design meetings and ultimately serving as the Responsible Charge Engineer, acting on behalf of the owner. His role was ensuring that the independent assurance and verification was performed for Design-Build projects, that all contract requirements and specifications are appropriately met, all required quality control testing and independent quality assurance is carried out in accordance with applicable requirements, and payments appropriately processed. Projects included the Route 36 BRAC Design-Build Project, I-295 Meadowville Interchange and the Fort Lee/Jefferson Park Road Roundabout Design-Build. Mr. Saunders was also responsible for Locally Administered Projects in the Richmond District. This assignment included handling post-award activities including monitoring project schedule and developments. He was also responsible for approving monthly pay vouchers on behalf of the Department prior to reimbursement to localities.</p> <p><b><i>VDOT Area Construction Engineer, Richmond District, Southern Area Construction.</i></b> <b><i>January 2007-May 2011.</i></b></p> <p>Mr. Saunders was responsible for executing a 6-year program to include managing all aspects of construction/maintenance contracts safely, with quality, on time and within budget. He provided Responsible Charge supervision and technical guidance to Construction Managers and Inspectors during project delivery for design-build and design-bid-build projects. He used Primavera for manpower planning and schedule reviews and approvals. He coordinated with project controls staff in preparation and review of Work Orders, Notices of Intent and Claims to validate the necessity of work and level of federal participation. Mr. Saunders performed Responsible Charge duties on no-plan projects, minimum-plan projects and full-plan projects of varying complexity. He also assisted the Fredericksburg District with the administration of a Regional Design-Build Bridge Replacement project. His duties included making Responsible Charge decisions and coordination activities for projects in the Richmond District.</p> <p><b><i>VDOT Construction Project Manager, Salem District, Southern Area Construction.</i></b> <b><i>November 2005-January 2007.</i></b></p> <p>Mr. Saunders supervised all phases of multi-operational roadway and structural construction projects to ensure all work was performed in accordance with project plans, specifications and special provisions. He supervised the work and career development of several construction inspectors and he resolved contractual disputes with contractors. He prepared and presented the project showings and preconstruction conferences, prepared and submitted work orders and tracked project cost to assure projects remained within the designated budget, on multiple projects of varying complexity. He mitigated Notices of Intent with use of time impact and cost analysis, and prepared reports, correspondence and documents clearly and on time. Mr. Saunders conducted on-site field visits to ensure all elements of design and construction were within scope of contract and within established standards and specifications to provide feedback to the appropriate parties and perform follow-up reviews with project staff and management to support implementation of recommendations. He conducted periodic assessments to ensure compliance with the contract documents and established guidelines, procedures and policies. Projects involved but were not limited to new horizontal and vertical alignment projects, surface treatment, sidewalks, grading and drainage, bridge super structure/sub structure repair, concrete joint replacement and asphalt schedule work.</p> <p><b><i>VDOT Permits/Subdivision Supervisor, Christiansburg Residency.</i></b> <b><i>April 2005 - October 2005.</i></b></p> <p>Mr. Saunders was responsible for the supervision and administration of the subdivision, rural streets and land use permits</p>

programs. Duties included networking with government officials and staff, developers, engineers and VDOT staff to discuss the engineering impacts of land development projects; responsibility for land development within the Residency to include utilities, commercial and subdivision streets, private entrances, land use permits, commercial development projects, etc. impacting transportation networks maintained by the State; participation in the development, plan review, inspection and acceptance of addition to the secondary system and ensuring compliance with rules and regulations.

**VDOT Architect/Engineer I, Salem, VA**  
**March 2004-April 2005.**

Mr. Saunders assisted in the Land Development and Maintenance Program Operations for the Salem Residency. Duties included performing site plan reviews and providing comments to designers; involvement in the inspection and acceptance of additions to the secondary street system, and worked with the Maintenance Manager to set a budget for the Area Headquarters' upcoming fiscal year. Also, he was assigned to the Bedford Residency to perform Acting Assistant Resident Engineering duties and Construction Project Management. Mr. Saunders duties included presenting the Six-Year Plan at a public hearing with the Board of Supervisors and involvement with the development of projects with the Contract Administrator to prepare for the advertisement phase, to include SAAP projects. Mr. Saunders also performed Construction Project Manager duties to include both bridge and grading projects of varying complexity. Responsibilities included preparing and presenting project showings and preconstruction conferences for the projects; reviewed work in progress and project records prepared by field staff to assure compliance with the contract documents and environmental regulations set by all agencies; handling potential work orders and claims issues and aiding in decisions made at the Residency level; tracking project cost and productivity to determine if projects would be completed on time and on budget; and performing final review and acceptance of projects from the contractor on behalf of the Department.

**VDOT Transportation Engineer Associate, Salem, VA**  
**June 2001 - February 2004**

Mr. Saunders completed the Associate Engineers Program at the Christiansburg Residency in the Salem District. While in this position, Mr. Saunders rotated through various sections within the Department to include Construction Management, Maintenance Operations, District Divisions, Contract Administration, and Residency Operations. Positions that were held during this period were Project Engineer, Assistant Resident Engineer, and Contract Administrator. Responsibilities with each of these various roles included meeting VDOT and FHWA standards and specifications.

c. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:  
Virginia Tech / B.S. /2001/Civil Engineering

d. Active Registration: Year First Registered/ Discipline/VA Registration #:  
Professional Engineer / Civil / 2005 / Virginia #0402 041295

e. Document the extent and depth of your experience and qualifications relevant to the Project.  
1. Note your specific responsibilities and authorities for each assignment, not those of the firm.  
2. Note whether experience is with current firm or with other firm.  
3. Provide beginning and end dates for each assignment.

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

**Project: Region 4 Design-Build Structures Project, Various Counties**

**Project Role:** Project Manager

**Responsibilities:** VDOT's Project Manager during the construction of various bridge superstructure replacements throughout the Richmond District. Duties included making responsible charge decisions, attending regularly scheduled progress meetings, reviewing project documentation for compliance with contract documents, coordinated IA/IV testing and handled public/stakeholder concerns throughout the duration of the project. **Performed with VDOT. (2010 thru 2011)**

**Project: Meadowville Interchange, Chesterfield, VA**

**Project Role:** Project Manager

**Responsibilities:** VDOT's Project Manager during final design and construction of phase one, the diamond, of an ultimate cloverleaf interchange. Duties included attending regularly scheduled progress meetings, reviewing project documentation for compliance with contract documents, reviewed and approved pay applications and coordinated IA/IV testing. **Performed with VDOT. (4/2011 thru 11/2011)**

**Project: Route 10 Widening, Chesterfield, VA**

**Project Role:** Area Construction Engineer

**Responsibilities:** Responsible charge engineer overseeing the construction of this project which included coordination with Chesterfield County, the contractor, Dominion Virginia Power, CSX railroad and the FHWA. Duties included but were not limited to acting on behalf of the Department during negotiations and problem resolution meetings, reviewing and approving monthly payment applications and ensuring project testing and documentation was being kept in accordance with contract and VDOT requirements. **Performed with VDOT. (4/2011 thru 11/2011)**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
12-31-2013

9980 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

NUMBER  
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BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE

MICHAEL WILLIAM SAUNDERS  
4500 LITCHFIELD DRIVE  
CHESTERFIELD, VA 23832



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>
Name & Title: <b>David Bathurst – Project Manager</b>
a. Project Assignment: <b>Construction Manager</b>
b. Name of Firm with which you are now associated: <b>Branscome Richmond</b>
c. Years experience: With this Firm <b>34</b> Years With Other Firms <b>0</b> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years.  <b>Construction Manager / Branscome</b> <b>April 2005 to Present</b> Mr. Bathurst's duties are to oversee the construction operations of Branscome's most difficult construction projects. Oftentimes, these are projects with accelerated schedules and ones that require vast knowledge and experience to accomplish proficiently. On these projects, each crew foreman reports directly to him, and he is responsible for ensuring that the project meets its established schedule. He oversees all subcontractors as well as Branscome's internal forces on site and schedules their work to fit the appropriate timelines. He ensures that quality standards are maintained throughout the project, and that all work is in compliance with the owner's specifications. He works with the project manager to establish the schedule, and it is his specific duty to meet or exceed that schedule by maximizing production. He attends regularly scheduled production and planning meetings with the project manager as well as the owner when necessary. He is the onsite supervisor responsible for keeping each project on time and under budget.  Mr. Bathurst was made certain that the plans and specifications were met, and he upheld the highest quality in work performed. He held weekly production and scheduling meetings with the crews and subcontractors on each project he was in charge of.  <b>Construction Superintendent / Branscome</b> <b>Hampton Roads Region</b> <b>1990 to August 2005</b> During this time, Mr. Bathurst was responsible for managing all construction activities on a Branscome project. He would oversee several construction disciplines to include grading, paving, and utilities. He also oversaw and managed the scheduling and production goals of on-site subcontractors. He ordered and inspected the quality of all construction materials used. He worked with the project manager to establish a schedule, and it was his responsibility to meet it.
d. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: DCR Responsible Land Disturber, Competent Person, Osha 10, First Aid/CPR, Coble Trench safety certified
e. Active Registration: Year First Registered/ Discipline/VA Registration #:
f. Document the extent and depth of your experience and qualifications relevant to the Project. <ol style="list-style-type: none"><li>1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i></li><li>2. <i>Note whether experience is with current firm or with other firm.</i></li><li>3. <i>Provide beginning and end dates for each assignment.</i></li></ol> <p>(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)</p> <p><b>Project: Princess Anne Road Expansion Project, Virginia Beach, VA</b> <b>Project Role: General Superintendent</b> <b>Responsibilities:</b> Mr. Bathurst was Branscome's construction manager/superintendent during the expansion of Princess Anne Road in Virginia Beach. This project includes widening the existing road from 2-lanes to 4-lanes, construction of turn lanes, median construction, and building the first .7-mile section of Nimmo Parkway. The heavy traffic on this road, especially at the intersection of Dam Neck and Princess Anne, has made safety and traffic control extremely important. Traffic was recently moved onto the new section of roadway to accommodate the required improvements to the existing section. Mr. Bathurst oversaw this transition, which was done without incident. Other duties on this project included making production goals meet the project schedule, maintenance of traffic, ensuring all plans and specifications were met, and coordinating the efforts between Branscome crews and subcontractors. Mr. Bathurst was responsible for working with the QA/QC team to ensure all testing was conducted and logged properly. His efforts on this project, coupled with cooperation from VDOT and Branscome's management team, have led to it currently being significantly ahead of schedule and under budget without any sacrifices to quality or safety. <b>Performed with Branscome. (2010 thru 2014)</b></p>

**Project: Commander Sheppard Blvd, Hampton, VA**

**Project Role: General Superintendent**

**Responsibilities:** Mr. Bathurst was responsible for all construction activities on this project. The scope of the project included road improvements, bridge construction, a new interchange, and various utility relocations. All of the onsite construction teams were under his authority and each foreman reported directly to him. His duties included daily inspections of the traffic control devices and correcting any deficiencies and ensuring that the flow of traffic continued as new travel lanes and a bridge interchange system were constructed. The new interchange ramps were opened in multiple phases so he worked closely with the owner to ensure a suitable traffic control plan was executed as new ramps were opened. His primary responsibility was to keep the project on schedule while maintaining the highest standards for quality and safety. Quality control on the project reported to him directly to make sure the standards were met. He inspected materials brought on site, and he assisted in the recommendations of how to cost effectively fix unsuitable soil conditions. He met with the project manager and the owner at weekly scheduling meetings. **Performed with VDOT. (2008 thru 2011)**

**Project: Commonwealth Rail Mainline Safety Relocation Project Design-Build, Suffolk, VA**

**Project Role: General Superintendent**

**Responsibilities:** Mr. Bathurst's duties included overseeing multiple construction activities and quality control/quality assurance testing on this design-build project. This was a large project with a host of different construction activities being performed simultaneously. The scope of work included material import, grading, utility relocations, bridge construction, asphalt paving, construction of concrete trench, and 5-miles of rail relocation. Since many of these activities were being performed concurrently, Mr. Bathurst had to manage many different crews in different locations at the same time. Also, the specialized work required the extensive use of specialty subcontractors, which were all managed by Mr. Bathurst. Construction on this project began with only 30% plans completed, and Mr. Bathurst worked to incorporate new designs seamlessly into the ongoing production of the project. He also met with the design team during construction to give them updates on the onsite conditions, which they used on their designs. Constant communications between Mr. Bathurst, the design team, and the owner was essential for the successful delivery of this project. **Performed with Branscome. (2007 thru 2008)**

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>
Name & Title: <b>Ian D. Johnston, PE – Project Manager</b>
a. Project Assignment: <b>Design Manager</b>
b. Name of Firm with which you are now associated: <b>Clark Nexsen, PC</b>
c. Years experience: With this Firm <u>3</u> Years With Other Firms <u>11</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years.
<i><b>Project Manager/Clark Nexsen Norfolk, VA November 2011 to Present</b></i> Responsible for management of transportation projects for state and local government clients. Responsibilities include oversight of project scope, schedules, and budgets, and ensuring that both in-house and sub-consultant design teams are providing project deliverables in accordance with established schedule and quality requirements. Responsible for financial status and reporting of projects to management team. Primary point of contact with the client and responsible for ensuring that all activities and deliverables are to their satisfaction. Activities include running and facilitating project meetings, planning and implementing change management actions, and leading and motivating design and project staff. Responsible for marketing and business development in support of firm's business goals.
<i><b>Design Project Manager/VDOT Hampton Roads District PMO Chesapeake, VA August 2005 to November 2011</b></i> Responsible for the management of preliminary engineering projects for the Hampton Roads District of VDOT. Responsible for the project scope, schedules, and budgets, and delivering projects in accordance with the VDOT Dashboard guidelines. Projects managed were primarily consultant designs, and therefore was responsible for scoping and negotiating the consultant contracts, overseeing the fiscal control of the contracts, and ensuring payment in accordance with the Prompt Payment Act. Some elements of design projects were in-house designs, and therefore was responsible for coordinating with internal staff and section managers for successful delivery. Responsible for maintaining and updating project information and budgets within VDOT's Integrated Project Manager (iPM), Six Year Improvement Program (SYIP), and Project Cost Estimating System (PCES) databases. As project leader, responsible for coordinating and communicating info related to assigned projects with representatives from the Federal Highway Administration, local governments and the Metropolitan Planning Organization, as well as the District and Central Offices. Responsible for making presentations to citizens, stakeholders, and local authorities. Upon successful delivery of design projects to construction, responsible for coordinating any design changes or revisions as a result of changed conditions or errors and omissions. Served as a District Project Manager on a Design-Build and PPTA project (see work history for further project information).
<i><b>Senior Roadway/Civil Engineer/Clark Nexsen Norfolk, VA November 2002 to August 2005</b></i> Roadway/Civil Engineer responsible for the design of state and local government transportation and public works improvement projects, as well as Federal/Department of Defense design projects. Responsible for design projects from preliminary design to final construction documents, including development of plans, estimates, and specifications. Performed designs using Microstation and AutoCad design software. Responsible for overseeing design work of junior staff, and providing quality control reviews. Activities also included coordinating designs with project manager, other internal design sections, sub-consultants, and client technical staff. Developed fee estimates in support of cost proposal submissions to clients. Attended construction progress meetings and coordinated construction services on projects, including reviewing shop drawings, responding to RFI's, and performing plan revisions. Supported business development initiatives by firm's project managers. Worked primarily on the VDOT Route 1 widening in Richmond, and Elbow Road and Seaboard Road for the City of Virginia Beach. Was lead designer on a roadway relocation project for the DoD in Key West, Fla.
<i><b>Hayes Seay Mattern &amp; Mattern/Civil Engineer Virginia Beach, VA January 2001 to November 2002</b></i> Civil/Transportation engineer responsible for roadway and drainage design for VDOT and local government clients.

Developed designs in Microstation, Geopak, and AutoCad. Projects included arterial road widening projects and site development projects. Worked primarily on the VDOT Warwick Boulevard widening project in Newport News, Virginia.

**Earth Tech/Transportation Engineer  
Richmond, VA**

**June 1998 to January 2001**

Transportation engineer responsible for developing design documents for VDOT and SCDOT projects. Developed designs in Microstation and iGRDS. Responsible for preparing design documents, performing quantity take-offs, and preparing estimates. Worked primarily on the Route 288 project in Richmond, Virginia, from the James River Bridge to Broad Street, a distance of approximately 6 miles.

**Accurate Detailing/Structural Detailer  
Rochester, NY**

**November 1997 to June 1998**

Worked as a structural steel detailing firm, providing detailing for steel fabricators in New York and the northeast. Developed details in CAD software for vertical construction and bridge projects.

d. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:  
Rochester Institute of Technology, NY/ B.S. /1998/Civil Engineering Technology  
SUNY Alfred, NY/A.A.S./1994/Construction Engineering Technology

e. Active Registration: Year First Registered/ Discipline/VA Registration #:  
Professional Engineer / Civil / 2002 / Pennsylvania #061724  
Professional Engineer / Civil / 2004 / Virginia #1863

- f. Document the extent and depth of your experience and qualifications relevant to the Project.
1. Note your specific responsibilities and authorities for each assignment, not those of the firm.
  2. Note whether experience is with current firm or with other firm.
  3. Provide beginning and end dates for each assignment.

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

**Project: I-264/64 Ramp Widening (0264-122-108), Norfolk, VA**

**Project Role:** Design Project Manager

**Responsibilities:** Mr. Johnston was VDOT's Project Manager for this project which includes widening the I-64 westbound to I-264 eastbound ramp, construction of 3 new bridges, addition of a new collector-distributor road on I-264, and construction of MSE and noise barrier walls. The NEPA document was approved in the Spring of 2011, the Design Public Hearing was conducted in July of 2011, and approval of the Interstate Modification Report was issued by FHWA in October of 2011. The next scheduled steps are the design approval by the Chief Engineer and development of total take right-of-way plans. The total combined PE, R/W, and CN cost for the project is \$132.3 mil. The project is consultant designed with survey support from the District. **Performed with VDOT. (2006 thru 2011)**

**Project: I-264/Witchduck Interchange (0264-134-102), Virginia Beach, VA**

**Project Role:** Design Project Manager

**Responsibilities:** Mr. Johnston was the Project Manager for this project which is the downstream interstate improvements associated with the I-264/64 Ramp project (0264-121-705). The project includes interchange improvements at the Newtown and Witchduck interchanges, interstate widening and collector distributor roads, arterial street improvements on Greenwich, Newtown and Witchduck Roads, signal improvements at the interchange off-ramps, a bridge crossing over I-264 on new location, and a new roundabout at the Newtown Interchange/I-264 eastbound on-ramp. Approximately 70 parcels are impacted by the project, with 12 being total acquisitions/displacements. The project is following the same schedule as the I-264/64 Ramp project. The total combined PE, R/W, and CN cost for the project is \$174.5 mil. The project is consultant designed with survey support from the District. **Performed with VDOT. (2006 thru 2011)**

**Project: Princess Anne Road (0165-134-V05), Virginia Beach, VA**

**Project Role:** Design Project Manager

**Responsibilities:** Mr. Johnston was VDOT's Project Manager for this urban arterial project located in Virginia Beach. The project includes widening the existing two-lane undivided section into a four-lane divided highway. The project included transportation planning elements, traffic signalization and ITS, roadway and hydraulics design, wetland permitting, aesthetic elements, public participation, public utility improvements and private utility relocations, and storm water management. The project was awarded in 2010 and is currently under construction. The project is primarily funded by American Recovery and Reinvestment Act (ARRA) funds. The total combined PE, R/W and CN cost for the project is \$61.4 mil. The project is consultant designed with survey support from the District. **Performed with VDOT. (2005 thru 2011)**

**Project: I-264/Martin Luther King Extension, Portsmouth, VA**

**Project Role:** District Project Manager

**Responsibilities:** Mr. Johnston was the Hampton Roads District Project Manager for this new interchange project on I-264. The project will be constructed with the Midtown Tunnel PPTA project. The design included approximately 0.75 miles of elevated viaduct from High Street to Interstate 264, a new interchange on I-264 between the Frederick Boulevard and Effingham Street Interchanges, collector distributor roads, and a partial diamond interchange at High Street. Mr. Johnston was responsible for coordinating the project with the Innovative Project Delivery PM during the PPTA initial procurement phase. Tasks included working with Central Office and District staff to help complete the IJR and NEPA phases of the project, and serve as the District's liaison during Independent Review Panel the technical proposal review processes. The total PE, R/W and CN cost for the project is approximately \$250 mil. **Performed with VDOT. (2007 thru 2009)**

**Project: Malbone Wetland Mitigation Design-Build Project, Virginia Beach, VA**

**Project Role:** Project Manager

**Responsibilities:** Mr. Johnston served as the District Project Manager for this 25 acre compensatory wetland mitigation design-build project in the agricultural zone of Virginia Beach. The project provides compensatory wetland mitigation for the impacts associated with the Princess Anne Road and Nimmo Parkway roadway widening projects. Mr. Johnston worked with the Central Office Innovative Project Delivery Division to establish the project for Design-Build delivery and develop the procurement documents. The project was initially developed as a two-phase best value procurement; however it was later modified to a single step low bid procurement. Mr. Johnston managed the project through both the design and construction phases. The project substantial completion (construction completion) was completed in May of 2011, and is now under a 10 year monitoring phase. The design-build contract value was approximately \$1.5 mil. **Performed with VDOT. (2008 thru 2011)**

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

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**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE**

IAN D JOHNSTON  
111 WINDHAM ROAD  
NORFOLK, VA 23505



*Gordon N. Dixon*  
Gordon N. Dixon, Director

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## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>	
Name & Title: <b>John Herzke, PE – Vice President-Municipal Services</b>	
a. Project Assignment: <b>Public Relations Manager</b>	
b. Name of Firm with which you are now associated: <b>Clark Nexsen, PC</b>	
c. Years experience: With this Firm <u>2</u> Years With Other Firms <u>38</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years.	
<b>Vice President-Municipal Services/Clark Nexsen</b> <span style="float: right;"><b>December 2009 to Present</b></span> Works within the team for the Transportation Group of Clark Nexsen and provides QA/QC of Transportation related projects, as well as develop client relations for local jurisdictions, governmental agencies and state highway agencies. Manages and develops proposals in response to RFP's issued by cities, counties, and associated governmental agencies for transportation and civil-related projects. Provides public relations and public participation insight and guidance to the design team for most of the transportation and/or infrastructure projects.	
<b>Vice President-Branch Manager /Johnson, Mirmiran &amp; Thompson (JMT)</b> <span style="float: right;"><b>September 2005 to July 2009</b></span> Launched new branch office for JMT in September 2005, hired over 40 personnel and successfully completed the merger/acquisition of two local engineering firms in the spring of 2007: The Spectra Group, Inc. and R. Kenneth Weeks Engineers, LLC. Led development of local office to create a critical mass of professional staff (consisting of Engineers, CADD Technicians, Surveyors, etc.) needed for continued success. Secured and led numerous successful design contracts and projects, including annual services contracts with the City of Poquoson, Norfolk Public Works (Stormwater Pump Stations), Norfolk Utilities, NAVFAC, Virginia Beach Public Utilities, project specific contracts with the City of Hampton, Hampton Roads Sanitation District (HRSD), Virginia Beach GIS, Chesapeake Public Schools, and other local municipalities/jurisdictions. Built a backlog of work sufficient to support JMT operations, allocated appropriate level of resources and managed additional project proposals pending potential implementation. Managed all aspects of work performed by this branch office, including all public involvement activities and public meetings.	
<b>City of Virginia Beach, VA - Public Works</b> <span style="float: right;"><b>January 1973 to September 2005</b></span> <b>September 1992 – September 2005 – City Engineer for Virginia Beach, VA</b> Oversaw the Engineering Division for the City of Va. Beach with a staff of approximately 110 personnel, including professional engineers, surveyors, administrative staff, CADD/Drafting staff, and associated professional staff. Supervised, implemented and managed the Capital Improvement Program (C.I.P.), which ranged in overall value from \$300 million to over \$600 million for roadways, storm drainage, buildings, and various municipal infrastructure projects for the City of Virginia Beach. Managed the successful design and project management for multiple capital projects, including but not limited to the Virginia Beach Convention Center (over \$200 million), Independence Boulevard Widening Project(s), Atlantic Avenue Revitalization Project (approximately \$40 million), Va. Beach Boulevard Widening Project, and the Traffic Management System. Served in the role of <i>Interim Assistant Director of Public Works</i> for one year in 1994 and oversaw many of the functions of the entire Public Works Department (i.e., Highways, Refuse, Real Estate, etc.) in support of and assistance to the Director of Public Works. Interacted and provided presentations on most of the CIP projects/program to civic leagues, media (television, newspaper, radio, etc.), as well as with discussions with City Council and State/Federal elected officials. Developed the first Citizen Advisory Committee (CAC) and had a myriad of presentations to civic groups, City Council and new media on many significant projects & issues.	
<b>September 1978 – September 1992 – City Traffic Engineer for Virginia Beach, VA</b> Managed and directed all activities of the Traffic Engineering Division for both Traffic Engineering and Traffic Operations, which included total maintenance functions, with a staff of approximately 75 personnel. Supervised the management, operation and maintenance of all traffic control devices and related traffic items for the City of Virginia Beach, including traffic signals, pavement markings, signage, and related elements, including maintenance of traffic for any work within the public rights of way. Implemented the first Computerized Traffic Control System for the City of Virginia Beach which was accomplished in a phased approach starting in 1980 with the Virginia Beach Boulevard, Phase I widening project. Expanded the signal system to incorporate the majority of the traffic signals along all major highway corridors and throughout the City, utilizing a central controller and a Multisonics brand computerized system which efficiently coordinated signals for 25 years. Implemented the thermoplastic pavement marking program on all highways in Virginia Beach. Developed the use of metropolitan street name signs, internally illuminated street name signs at major intersections, and the utilization of mast arm poles at all new signalized intersections in Virginia Beach.	

**January 1973 – September 1978 – Special Projects Engineer/Site Plan Review Engineer - Virginia Beach**

Served as a site plan review engineer. Developed a variety of roadway, drainage and bridge projects as designer, as a project engineer and eventually a project manager.

Designed and managed construction of two bridges: South Lynnhaven Road (4-lane undivided) and Indian River Road (2-lane). Performed the design and managed construction for the South Lynnhaven Road Project, a 4-lane undivided roadway.

Managed and designed numerous drainage projects and various roadway improvements (i.e., turn lanes, intersection upgrades, etc.).

Managed and supervised all roadway projects in the City's C.I.P. as "Special Projects Engineer", including VDOT projects. Oversaw various other C.I.P. infrastructure improvement projects, including bridges, drainage projects and other related infrastructure projects.

**d. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:**

Old Dominion University, VA/ B.S. /1971/ Civil Engineering/Structures

**Additional Courses, Seminars & Specialized Training:**

- "Risk Management" (April 4 – 6, 2005) thru George Washington University School of Business (2.10 CEU)
- "Systematic Development of Informed Consent" – Completed 3 days of Management Training in Consent-Building Strategies by the Institute of Participatory Management and Planning (3.0 CEU)
- Associate's Certificate in Project Management (April 13, 2005) by George Washington University and ESI International
- Incident Command System Training (Jan. 20 – 21, 2005) by Va. Dept. of Emergency Management
- Certificate Program in Conflict Management – (Completed May 2003) by Mediation and Arbitration Services of Virginia, LLC (MAS) and Old Dominion University
- Public Works: Planning for and Responding to Terrorism/Weapons of Mass Destruction (WMD) – 40 hour Training (June 2001) by The Texas A&M University System, Texas Engineering Extension Service (TEEX) & National Emergency Response and Rescue Training Center (NERRTC)
- Management Excellence Program – 40 Hours (Sept. 8 – 13, 1996) at Weldon Cooper Center for Public Service – University of Virginia
- Numerous Engineering and Management Training Courses at Virginia Beach, including Quality Based Management

**e. Active Registration: Year First Registered/ Discipline/VA Registration #:**

Professional Engineer / Civil / 1976 / Virginia # 008870

Professional Engineer / Civil / 2010 / North Carolina # 036506, Maryland # 38532

**f. Document the extent and depth of your experience and qualifications relevant to the Project.**

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

**(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)**

**Project: Traffic Calming Program, Virginia Beach, VA**

**Project Role: City Traffic Eng. & City Engineer**

**Responsibilities:** Oversaw the development and implementation of the City of Virginia Beach's Traffic Calming Program from the late 1980's thru 2005, first as City Traffic Engineer and then as City Engineer. This involved a phased approach for various residential neighborhoods which experienced traffic speeding other related traffic incursions, which adversely affected the quality of life of the residents. This program has been deemed a successful effort in helping to curtail many of the residential speeding problems and improving the quality of life...and, it involved an extensive amount of public involvement and participation efforts under the supervision and management of John Herzke. Performed with City of Virginia Beach. (1988 thru 2005)

**Project: Princess Anne Rd./Kempsville Rd. Intersection, Virginia Beach, VA**

**Project Role: City Engineer**

**Responsibilities:** As City Engineer, John Herzke managed and oversaw the development of the improvement plans and the significant public involvement efforts developed for this project from the late 1990's thru the mid 2000's. This project was originally conceived as an urban single point interchange in the late 1980's, which was a great technical solution, but there was absolutely no public support or favorable efforts from area citizens. John was the City Traffic Engineer in charge of that project and with no support, the project was dropped from the CIP for about 10 years. When it was re-introduced in the late 1990's/early 2000's, a new approach was developed whereby John established and oversaw the monthly activities and involvement of a Citizen's Advisory Committee (CAC). The CAC met on a regular basis and was involved with the development of the new and revised improvement plans for this major intersection improvement. The citizens also helped to represent the project at civic league meetings as well as all of the related public meetings for this very sensitive project. In the end, leadership of the CAC actually presented the preferred design concepts (55%-60%) plans to City Council and the design was approved by an 11 – 0 vote. The same CAC approach was developed for Witchduck Road – Phase I, which involved the acquisition of all of the houses along the roadway and some of those residents were members of the CAC. In the end, those participants saw the value and need for the

acquisition of their own homes and voiced their full support of the project to City Council for approval. The Witchduck Road - Phase I has since been completed and the intersection project is under construction. **Performed with City of Virginia Beach. (1999 thru 2005; Project Currently Under Construction)**

**Project: Harris Road, Virginia Beach, VA**

**Project Role: City Engineer**

**Responsibilities:** In the mid 1990's, John Herzke as City Engineer was responsible for this project to widen this narrow two lane roadway which had roadside ditches and no pedestrian facilities in the Little Neck Section of Va. Beach. Provided the overall project supervision for developing a design which established a wider roadway section, with delineated turn lanes at key intersections into the Middle Plantation Subdivision, along with a separate bike/pedestrian path and extensive landscaping. This project also involved considerable public involvement and participation with the residents and civic league representatives, along with regular briefings with the Lynnhaven Borough City Council Member representing this area of the city. The result was a successful project which addressed the safety needs of the motorists using this approximate, one-mile long road section, while also providing the area residents with a safe bike and pedestrian path along the side of the roadway. The adjoining property owners were also assuaged with the intensive and extensive landscaping installations along the length of the project. Vehicular speeds were reduced, pedestrian and bicycle facilities were provided, with overall aesthetic enhancements to compliment the surrounding residential neighborhoods. **Performed with City of Virginia Beach (1995 thru 1997)**

**Project: Atlantic Avenue Revitalization Project, Virginia Beach, VA**

**Project Role: City Traffic Engineer & City Engineer**

**Responsibilities:** This was an extensive "streetscapes" type of improvement project for Atlantic Avenue from the southernmost end at the "Loop" to 41<sup>st</sup> Street, with a total project value of approximately \$45 million. It was a multi-phased project over several years from the late 1980's to the early 1990's to place all utilities underground and improve the appearance of Atlantic Avenue with widened sidewalks, street furniture, landscaping, brick pavers at intersections and crosswalks, specially designed, internally illuminated mast arm signal poles, upscale street lights, and designated trolley lanes. It was an overall enhancement and beautification of this heavily utilized tourist facility. The construction activities were limited between the end of September to the following May and was accomplished in 5 to 10 block sections with under-grounding of utilities in the first construction year followed by the installation of the final streetscape improvements for each section the following year. This project required extensive coordination to insure adequate access to properties and to maintain the full operation of all commercial activities during the summer tourist season each year. Managed, supervised and coordinated traffic controls and design elements as both City Traffic Engineer and City Engineer over the life of this project, which was accomplished in phases over an 8 year period, with multiple phases accomplished concurrently throughout total time frame. This complex project was accomplished on-time and within budget with accolades from local citizens and tourists alike. This project and the complex construction phasing involved extensive public involvement and considerable public relations with all of the affected business owners along Atlantic Ave. John Herzke oversaw and managed these public involvement activities and efforts for the successful involvement of the public/owners/stakeholders, who were satisfied with the outcome. **Performed with City of Virginia Beach (1990 thru 1998)**

**Project: Computerized Traffic Signal System, Virginia Beach, VA**

**Project Role: City Traffic Engineer**

**Responsibilities:** Developed and implemented the City's first central computerized traffic signal system for the City of Virginia Beach around the 1979/1980 time frame, and initially installed or completed by 1982. Up until that time, all of the individual traffic signals were managed by means of the localized signal controllers at intersections. As a part of the initial phase of the Virginia Beach Boulevard Widening Project from Witchduck Road to Rosemont Road in early 1980, John Herzke convinced staff from the Virginia Department of Transportation (VDOT) to include this centralized computer system. This was an "expandable" system which was the Multisonics brand system and it was subsequently expanded throughout the years with additional projects to include practically every signalized intersection in the City. These expansion projects also included the applicable interconnect cabling, which was installed in conjunction with road-widening projects or as stand-alone signal expansion projects. This was such a successful system for many years, and while hardware and software upgrades were accomplished, it was a sound operational computerized signal system until the summer of 2005, when it was finally replaced with a new centralized system as a part of the City's new signal system project. During the initial project installation and throughout the expansion phases, Mr. Herzke provided information, interviews and presentations on the operation, as well as the operation of the system to civic leagues, City Council, and the news media. **Performed with City of Virginia Beach (1979 thru 1982)**

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON  
06-30-2012**

9960 Mayland Dr., Suite 400, Richmond, VA 23233  
Telephone: (804) 367-8500

**NUMBER  
0402008870**

**BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
PROFESSIONAL ENGINEER LICENSE**

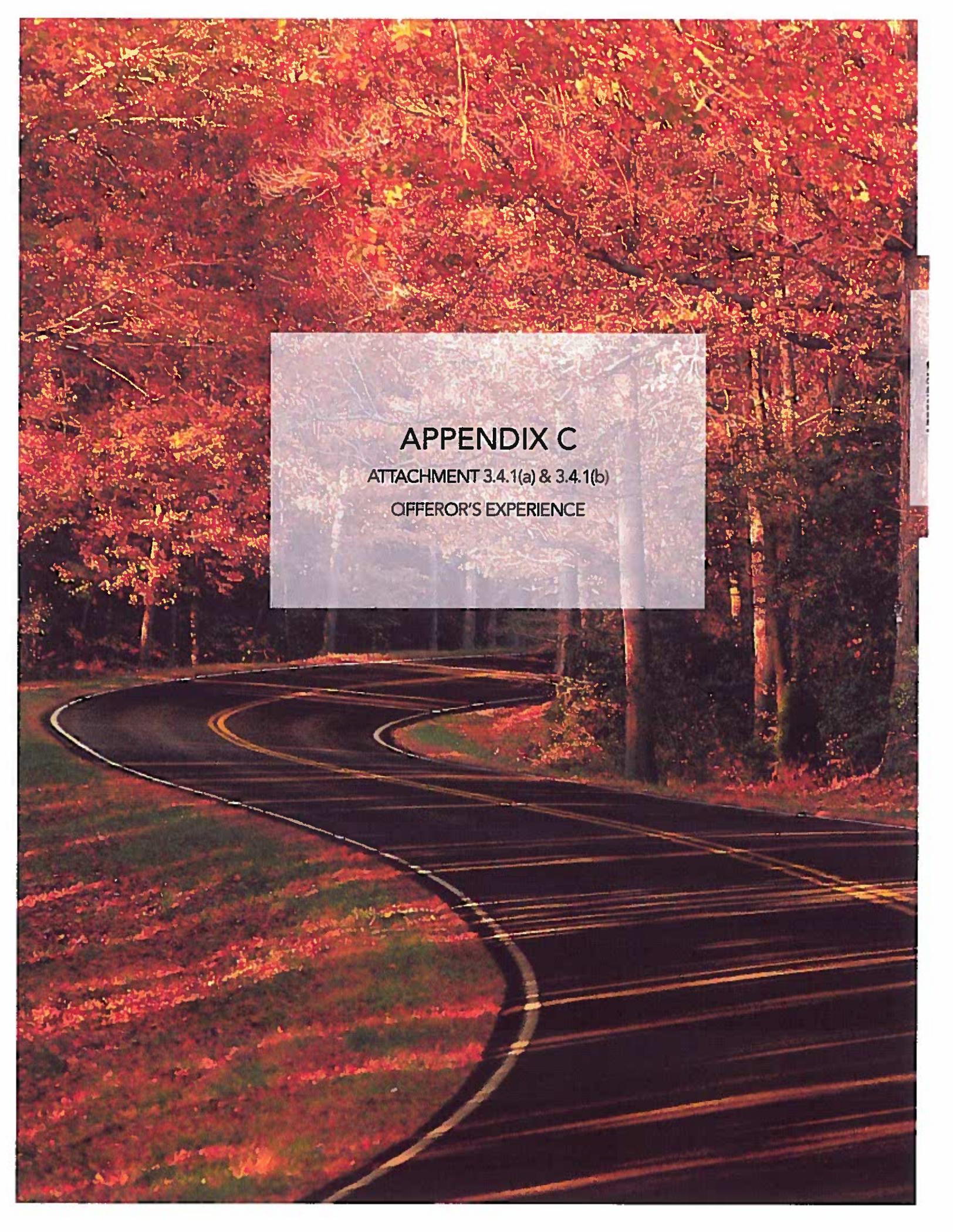
**JOHN W HERZKE  
2405 FENWICK WAY  
VIRGINIA BEACH, VA 23453**



*Gordon N. Dixon*  
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)



## APPENDIX C

ATTACHMENT 3.4.1(a) & 3.4.1(b)

OFFEROR'S EXPERIENCE

**ATTACHMENT 3.4.1(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

<b>Work by Lead Contractor - three (3) projects which best illustrates current qualifications relevant to this Project.</b>						
<b>a. Project Name &amp; Location</b>	<b>b. Narrative describing nature of Firm's Responsibilities</b>	<b>c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.</b>	<b>d. Contract Completion Date (Original)</b>	<b>e. Contract Completion Date (Actual or Estimated)</b>	<b>f. Estimated Value (in Thousands) Final or Estimated Contract Value</b>	<b>Dollar Value of Work for Which Firm Was/is Responsible</b>
(1) Commander Shepard Boulevard Extension Phase 1 City Project #08-97-016 VDOT Project #U000-114-128, CS01, B616 (UPC 66846) Hampton, VA  	This project created a new east-west corridor in Hampton, which would serve Langley Air Force Base and new development anticipated in the area. The project extended Commander Shepard Blvd from Magruder Blvd to Big Bethel Rd. The final project included a new interchange between Commander Shepard Blvd and Magruder Blvd, which included a new bridge, four new ramps, and two new loops. The scope of work included asphalt paving, demolition, grading, excavation, structures, guardrail, striping, and signalization among other tasks. Since this project was located along a heavily used thoroughfare in a downtown area, the safe maintenance of traffic was a top priority. The project completion date was extended by the City of Hampton after they issued change-orders for additional improvements. Our work was completed in accordance with their revised schedule.	Mr. Michael Hughes Project Manager, City of Hampton City of Hampton Procurement Office 1 Franklin St, Suite 345 Hampton, VA 23669 Telephone: 757-727-6101 Fax: 757-727-6123 Email: <a href="mailto:mhughes@hampton.gov">mhughes@hampton.gov</a>	May 2010* *needs to be verified	May 2011	\$12,695 \$14,034	\$14,034

<p>(2) I-64 Concrete Repairs and Overlay City Project (FO)0064-043-719, N501 Henrico County, VA</p>		<p>This project was for major repairs to I-64 in Henrico County near Richmond, VA. The pavements had significantly deteriorated over time and had to be demolished and replaced. As the prime contractor Branscome oversaw the entire project which included demolition of existing concrete pavement, replacing the affected areas with new concrete pavements, overlaying the concrete with more than 100,000 tons of stone matrix asphalt, and numerous other tasks. All work was completed in a compressed time-span and performed in an extremely active job area. This project's requirements shared many similarities with the Zion Crossroads Project. In addition to the numerous construction tasks, which were similar to those required, the I-64 Concrete Repairs and Overlay project had a tremendous focus on maintenance of traffic. This project was located along some of the busiest sections of I-64 and had to be completed directly adjacent to the tremendous pressure on us to ensure that our teams and the travelling public remained safe at all times. Also, there were huge disincentives for any failure to open travel lanes on time each morning for rush hour traffic in addition to the standard penalties for failure to turn over the completed project on time. Branscome delivered this project with zero major disincentive and was able to turn over the project ahead of schedule and reached all three major milestone dates on time. This project also had strict testing requirements to ensure that the work performed was of the highest quality. Our management team oversaw all work to guarantee that each section delivered met VDOT's inspection requirements.</p>	<p>Mr. Keith M. Rider, P.E. Area Construction Engineer, Northern Region Construction  Virginia Department of Transportation, Richmond District Construction Division 523 North Washington Highway Ashland, VA 23005  Phone: 804-752-5538 Fax: 804-752-5528 Email: <a href="mailto:keith.rider@vdot.virginia.gov">keith.rider@vdot.virginia.gov</a></p>	<p>November 2010</p>	<p>October 2010</p>	<p>\$35,149</p>	<p>\$34,156</p>	<p>\$34,156</p>
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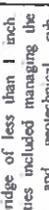
<p>(3) Commonwealth Railway Mainline Safety Relocation Project</p> <p>Contract # 0164-124-105, B604</p> <p>Portsmouth and Suffolk, VA</p>		<p>This project was for the relocation of 6 miles of rail line connecting the APM port facility in Portsmouth, VA to existing Class I railroad lines. Although the project's primary purpose was relocation of the rail line, the majority of the work centered on preparing the site for the new rail line and reconfiguring nearby roads. These tasks included asphalt paving, concrete placement, utility relocations, major excavation, grading, and structures. As the prime contractor on this design-build project Branscome was also in charge of managing numerous designers, sub-consultants, and sub-contractors. This project was completed ahead of schedule and under budget.</p> <p>Similar to the requirements for the I-64 / Route 15 Interchange Improvement Project, the Median Rail Relocation Project required demolition of existing pavements, asphalt paving, concrete, utility and electrical work, grading, and material import. Also, both projects placed a huge emphasis on timely completion, safety, and quality of work. Furthermore, the majority of the work on this project was performed in the median of active highways. This challenge required our team to constantly</p>	<p>Mr. Anthony Kondysar, P.E. Port Development Project Manager, Virginia Port Authority</p> <p>Virginia Port Authority 600 World Trade Center Norfolk, VA 23510</p> <p>Phone: 757-342-7088 Fax: 757-683-9901 Email: <a href="mailto:akondysar@portofvirginia.com">akondysar@portofvirginia.com</a></p>	<p>December 2010</p>	<p>December 2010</p>	<p>\$54,750</p>	<p>\$52,285</p>	<p>\$52,285</p>
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**ATTACHMENT 3.4.(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

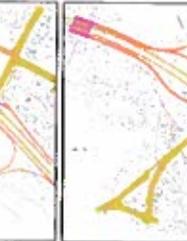
**Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.**

a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (Final or Estimated Contract Value)	g. Dollar Value of Work for Which Firm Was/Is Responsible
(1) Route 60 Bridge Replacement over Smith Creek, VDOT Design-Build Project - Clifton Forge, Virginia   	Clark Nexsen is the prime consultant and design manager for the complex replacement of a 165 foot long x 53 foot wide bridge over a fresh water creek. This bridge, consisting of a prestressed concrete box beam superstructure on column bent piers, is bounded along each side by historic buildings, with clearances between the buildings and the existing bridge of less than 1 inch. Project responsibilities included managing the survey, hydraulic, and geotechnical sub-consultants, roadway design, traffic control plans, bridge design, and obtaining all the water-related environmental permits including Corp of Engineers on behalf of the lead contractor and VDOT. This bridge is currently under construction.	Orders Construction Company Nate Orders Project Manager 304.722.4230	6/31/2012	6/31/2012	\$ 432,000	\$319,940

**ATTACHMENT 3.4.1(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

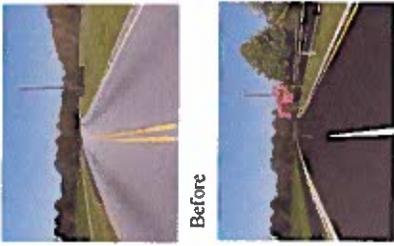
**(LIMIT 1 PAGE PER PROJECT)**

<b>Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.</b>						
<b>a. Project Name &amp; Location</b>	<b>b. Narrative describing nature of Firm's Responsibilities</b>	<b>c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.</b>	<b>d. Contract Completion Date (Original)</b>	<b>e. Contract Completion Date (Actual or Estimated)</b>	<b>f. Estimated Value (in Thousands) Final or Estimated Contract Value</b>	<b>Dollar Value of Work for Which Firm Was/is Responsible</b>
<p>(2) Interstate 81 Improvements (0081-034-119, PE-101) Frederick County, Virginia</p>   	<p>Clark Nexsen was a subconsultant to Wiley and Wilson for this project along Interstate 81 in Frederick County. As part of our duties, Clark Nexsen provided the following services:</p> <ul style="list-style-type: none"> <li>Clark Nexsen developed the preliminary design to a Field Inspection for the roadway elements of the project. The scope of Clark Nexsen's efforts included the widening of I-81 from four (4) to a total of eight (8) lanes, the design of interstate ramps, access roads, alternate interchange designs, bridges, hydrology and hydraulics, storm water management, and public involvement. Also included in Clark Nexsen's efforts were the design of storm drainage systems, multiple storm water management basins, flood routing, scour analysis and the design of roadside ditches.</li> <li>Clark Nexsen worked with the project stakeholders in an effort to help them understand both the project impacts to adjacent landowners and the traveling public, as well as the overall benefits of the project. Stakeholders on this project included City of Winchester, Frederick County, Winchester Regional Airport, Business Owners, Developers, and Shenandoah University</li> </ul>	<p>Virginia Department of Transportation 1401 East Broad Street Richmond, VA 23219 R.G. "Bobby" Pugh 804.786.2801</p>	<p>2002 (Preliminary Design)</p>	<p>2002 (Preliminary Design)</p>	<p>\$4,786 (Fee)</p>	<p>\$1,506 (Fee)</p>

**ATTACHMENT 34.1(b)**

**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.						
a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities Include address and current phone number	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands) Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/is Responsible
<p>(3) Wesleyan Drive Improvements (U000-134-159) - Virginia Beach, Virginia</p>  <p>Before</p> <p>After</p>	<p>The project is federal/state funded (RSTP) and includes widening 0.85 miles of existing roadway from two lanes undivided to a four lane divided roadway. Clark Nexsen is the Lead Design Firm for this project which includes the following:</p> <ul style="list-style-type: none"> <li>• The evaluation and improvements to four signalized intersections as well as the evaluation of the impacts to Exit 282 on interstate 64.</li> <li>• On-street bike accommodations, pedestrian walkways,</li> <li>• Evaluation and design of innovative storm water management techniques</li> <li>• Extensive public and franchise utility relocations</li> <li>• Development of a three phased public involvement strategy to engage key stakeholders along the corridor with phase 1 beginning before the design commenced. Project has a variety of stakeholders including Virginia Wesleyan College, Norfolk Academy (private school), the L&amp;J Gardens Civic League, a Church, and the Lake Wright Hotel. Public Involvement was a three phased approach and included "Introductory Meetings" with the key stakeholders, a Citizens Information Meeting, and a Design Public Hearing</li> </ul>	<p>City of Virginia Beach Department of Public Works Ms. Toni Alger 757 385 8746</p>	2011	2011	\$12,000	100% (Prime Consultant)