



A DESIGN-BUILD PROJECT



## Greenview Drive Widening

From: Hermitage Road (Route 1541)

To: 0.2 Miles South of Leesville Road (Route 682)

City of Lynchburg and Campbell County, Virginia

State Project No.: U000-118-259, R201, C501

Contract ID Number: C00106320DB79

Submitted to:

**Virginia Department of Transportation**

Submitted by:

**W.C. English, Inc.**

In association with: **Parsons Brinckerhoff, Inc.**



Greenview Dr

# ENGLISH

Since 1909

615 Church Street, Lynchburg, Virginia 24504  
P. O. Box P-7000, Lynchburg, Virginia 24505  
Tel: (434) 845-0301 Fax: (434) 845-0306

July 31, 2014

Kevin Reichert, P.E.  
Alternate Project Delivery Office  
Virginia Department of Transportation  
1401 East Broad Street  
Annex Building, 8<sup>th</sup> Floor  
Richmond, VA 23219

Re: **Letter of Submittal** – Greenview Drive Widening, City of Lynchburg and Campbell County, Virginia

Dear Mr. Reichert:

The widening of Greenview Drive has been a major priority for the City of Lynchburg for a very long time. The inadequate intersection, along with expanded development and residential growth in the area, has created a tremendous need to improve Greenview Drive, including the intersection of Greenview Drive and Leesville Road. The existing congestion warrants the need to increase capacity by providing the entire corridor with a 4-lane typical section.

**W. C. English, Incorporated (English)** has assembled a team of experienced firms and personnel who are focused on providing the Department with not only the best price for this project, but also unsurpassed quality. English, along with many of our team participants, are members of the Lynchburg community and are committed to making this a successful and useful project for both the City of Lynchburg and Campbell County. In addition, we have identified regional firms and personnel who bring design-build and road widening experience and knowledge to the team. I am confident our SOQ presents a team of unmatched experience and accomplishment for which English is long recognized.

Our design and engineering partner for this project is **Parsons Brinckerhoff**. Other team members include **ECS Mid-Atlantic, LLC**, (QA testing; environmental permitting); **NXL Construction Services, Inc.** (construction QC testing); **Pulsar Advertising, Inc.** (public involvement); **Sabra, Wang & Associates, Inc.** (roadway lighting; signal design); **Stantec Consulting Services, Inc.**, **Appraisal Review Specialists, LLC and Crider, Bouye, Elliott** (VDOT-prequalified right-of-way manager, fee appraiser and review specialist); and **Thompson & Litton** (survey).

As requested in section 3.2 of the RFQ, the English team offers the following information:

3.2.1, 3.2.2, 3.3.3 Wilson L. Dickerson, Jr., P.E. (Senior Vice President) is the *principal officer* of W.C. English, Incorporated the legal entity with whom a design-build contract with VDOT will be written. Mr. Dickerson will serve as the *authorized representative* and *point of contact* for the English team relative to this SOQ, and he will serve as the offeror's representative. His contact information is shown to the right.

*W. C. English, Incorporated  
615 Church Street  
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wdickerson@englishconst.com*

3.2.4 English is structured as a corporation and is not a limited liability company, joint venture, or any form of partnership. English will undertake the financial responsibility for this design-build project, provide the required bonding, and accept the risks and liabilities for the performance of the work. English has no liability limitations.

3.2.5 W. C. English, Incorporated will serve as the lead contractor and will execute the Contract with VDOT. Parsons Brinckerhoff will serve as the lead designer. More information on the history and expertise of these firms, as well as our sub-consultants and subcontractors, can be found in section 3.3

3.2.6 See Attachment 3.2.6 in the Appendices.

3.2.7 See Attachments 3.2.7 (a) and 3.2.7 (b) in the Appendices.

3.2.8 W. C. English, Incorporated's certification number is E009 and is an active prequalified contractor to do business with VDOT. A copy of certificate is included in the Appendices.

3.2.9 In the Appendices, please find a letter from Travelers Casualty & Surety Company regarding English's bonding capability.

3.2.10 See Attachment 3.2.10 in the Appendices.

3.2.11 English is fully committed to meeting and/or exceeding the 7% DBE participation goal for the entire value of the contract. Our team already includes the following subconsultants to help fulfill this goal: **NXL Construction Services, Inc. (DBE 626437); Pulsar Advertising, Inc. (DBE 005622); and Sabra, Wang & Associates, Inc. (DBE 000982)**

Our team is 100% committed to delivering a successful quality project to VDOT on-time and on-budget. We appreciate the opportunity to submit our qualifications to you and look forward to being selected to pursue this project in greater detail. If you have any questions or need further information, please contact me.

Respectfully submitted,

W. C. English, Incorporated



Wilson L. Dickerson, Jr., P.E.  
Senior Vice President



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### 3.3 | OFFEROR'S TEAM STRUCTURE

The W.C. English, Inc. Team is comprised of highly skilled team members, both firms and individuals, to create an integrated team structure that advantageously utilizes the Design-Build (DB) process and capitalizes on the strongest attributes of each team member's respective capabilities. English's role will include managing the total design and construction of the project and self-performing the major work elements. Parsons Brinckerhoff, Inc. joins English as the Lead Designer. **The two tables below illustrate the English Team's structure—the construction contractors and the design consultants.**

Construction Contractors	
W.C. English, Inc.	<i>Design-build and prime contractor, overall management</i>
Parsons Brinckerhoff, Inc.	Quality Assurance
Appraisal Review Specialists	VDOT-prequalified right-of-way review appraiser
Crider, Bouye, Elliott	VDOT-prequalified right-of-way fee appraiser
ECS Mid-Atlantic, LLC	QA Testing, AMRL-certified technicians/lab
NXL Construction Company	QC Inspection, AMRL-certified technicians/lab
Pulsar Advertising, LLC	Public involvement/relations
Stantec Consulting, Inc.	VDOT-prequalified right-of-way manager

**ENGLISH** W.C. English, Inc. is a third generation family-owned business with a tradition of excellence dating back to 1909. Over the last century, English has grown steadily, adding advanced skills, resources and technology to embrace new opportunities along the way. The company's areas of expertise have expanded through the years to include roadway and bridge facilities (both design-build and bid-build), water supply and wastewater treatment facilities, monumental structures, civil, utility and industrial projects. Today, English is a multi-disciplined construction firm licensed in eight states throughout the Southeast, with its primary work being performed in Virginia, North Carolina and South Carolina. Working under the leadership of 120 tenured personnel, English's staff of 600 employees has sustained as many as 40 concurrent projects. The company supports its field staff and projects with a fleet of equipment that is one of the largest in the Mid-Atlantic region. English's diversity, tenured office, and top-notch field personnel have contributed to the company's solid financial strength, which is evident by its 60-year relationship with the same bonding company. Throughout English's dynamic history, the company has never outgrown the values and mission that have made it successful since its inception in 1909.

Design Consultants	
<b>Parsons Brinckerhoff, Inc.</b>	<i>Lead designer</i>
ECS Mid-Atlantic	Environmental permitting
Sabra, Wang & Associates, Inc.	Traffic signals, roadway lighting
Thompson & Litton	Survey



Founded in 1885, **Parsons Brinckerhoff, Inc.** provides multi-disciplinary services for all types of transportation projects, all around the world. As a pioneer in developing major highways and roadways, the firm offers the full range of expertise necessary for a successful project. Parsons Brinckerhoff has designed the full spectrum of highways: small to large, urban to rural, simple to complex. The firm has played a key role in some of the Commonwealth’s most significant transportation projects for VDOT—including the Route 895 Pocahontas Parkway over the James River and the Elizabeth River Tunnels project. With offices in Hampton Roads, Richmond and Northern Virginia, Parsons Brinckerhoff will continue to support VDOT’s program for providing safe, well-maintained infrastructure for the traveling public.

*Roads & Bridges Magazine* has recognized Parsons Brinckerhoff in their “Go-To List” of Top Design Firms (2013):

- ✓ **1st** | Road & Highway Design
- ✓ **1st** | Design-Build Projects
- ✓ **2nd** | Bridge Design



For this project, Parsons Brinckerhoff will also provide the QA Services. Parsons Brinckerhoff has provided quality assurance services on over 50 major highway, bridge and tunnel projects, totaling nearly \$10 billion in constructed value and over 18,000 miles of roadway since 1990. The firm’s projects include new construction, roadway widening, and reconstruction programs that are recognized by peers for quality, excellence, and customer service. Parsons Brinckerhoff has provided these services to VDOT on projects throughout the Commonwealth—from the Coleman Bridge in Yorktown, to the Gilmerton Bridge in Chesapeake, and the Woodrow Wilson Bridge in Northern Virginia.

### 3.3.1 Qualifications of Key Personnel

*Resumes of the Key Personnel are included as Attachment 3.3.1 - Key Personnel Resume Forms. All key personnel will be available from the onset of this project.*

The qualifications and experience of the English team key personnel and other team members should provide confidence to VDOT that the project and risks will be effectively managed through personal competence and accountability. Key Personnel are identified below.



**DESIGN-BUILD PROJECT MANAGER: Judson Dalton, LEED-AP** | Jud has a wealth of management experience. He will be responsible for the success of the overall project, including design, permitting, right-of-way, utility relocation, QA, construction quality management, and contract administration. He has been a project manager with English since 2008 and has managed numerous transportation projects involving maintenance of traffic, earthwork, structures, asphalt paving, utilities, and storm drainage. His most recent project experience includes serving as the Design-Build Project Manager for the \$38 million North Gayton Road design-build project in

Henrico County which included widening an existing facility from two to four lanes, a bridge over I-64, MSE walls, signal installation, and maintenance of traffic. The project was delivered on time and at a reduced cost to the owner. Jud is directly responsible for the successful completion of the project. He will report directly to the VDOT project manager and will serve as the single point of contact for VDOT for the duration of the contract. Jud will have the authority to act for English on all project related matters.



**QUALITY ASSURANCE MANAGER: Julie Perkoski, PE** | Julie will serve as the Quality Assurance Manager (QAM), responsible for the QA inspection and testing of all materials used and work performed on the project, including monitoring of English's QC program. Julie's role will be independent from and have no involvement in the construction operations for the project. She will ensure that all work and materials, testing, and sampling are performed in conformance with the contract requirements and the "approved for construction" plans and specifications. She is very familiar with project controls, including document control and scheduling. Julie has nearly 30

years of construction oversight experience and has provided quality assurance services for various VDOT DB projects. She is thoroughly familiar with VDOT Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012. Julie has served as QAM on three VDOT design-build projects: the I-295/Medowville Road Interchange Improvements, Virginia Capital Trail (Sherwood Forest Phase), and the I-66 Advanced Traffic Management System (ATMS). Additionally, in 2013, she served as Acting Area Construction Engineer in the Richmond District South Area. She also has experience as a Project Lead Construction Engineer, providing construction management and design services for numerous highway, military, governmental, recreational, and residential facilities. **Julie is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**



**DESIGN MANAGER: Derek Piper, PE, AICP** | Derek has over 29 years of civil engineering experience, including more than 18 years managing complex highway/roadway improvement projects. Derek's technical specialties include program/project management, highway and intersection design, stormwater management plan development, permitting, environmental documentation, and utility design. His responsibilities as a Project Manager have included coordinating the individual design disciplines and ensuring overall project design is in conformance with contract documents and delivered on time and within budget. He has specific expertise in managing arterial roadway widening projects involving right-of-way acquisition, environmental permitting, complex maintenance of traffic phasing/staging, and utility relocations as demonstrated on Attachment 3.3.1, Key Personnel Resume Form. He is responsible for conducting quality reviews for all deliverables and ensuring client satisfaction. **Derek is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**



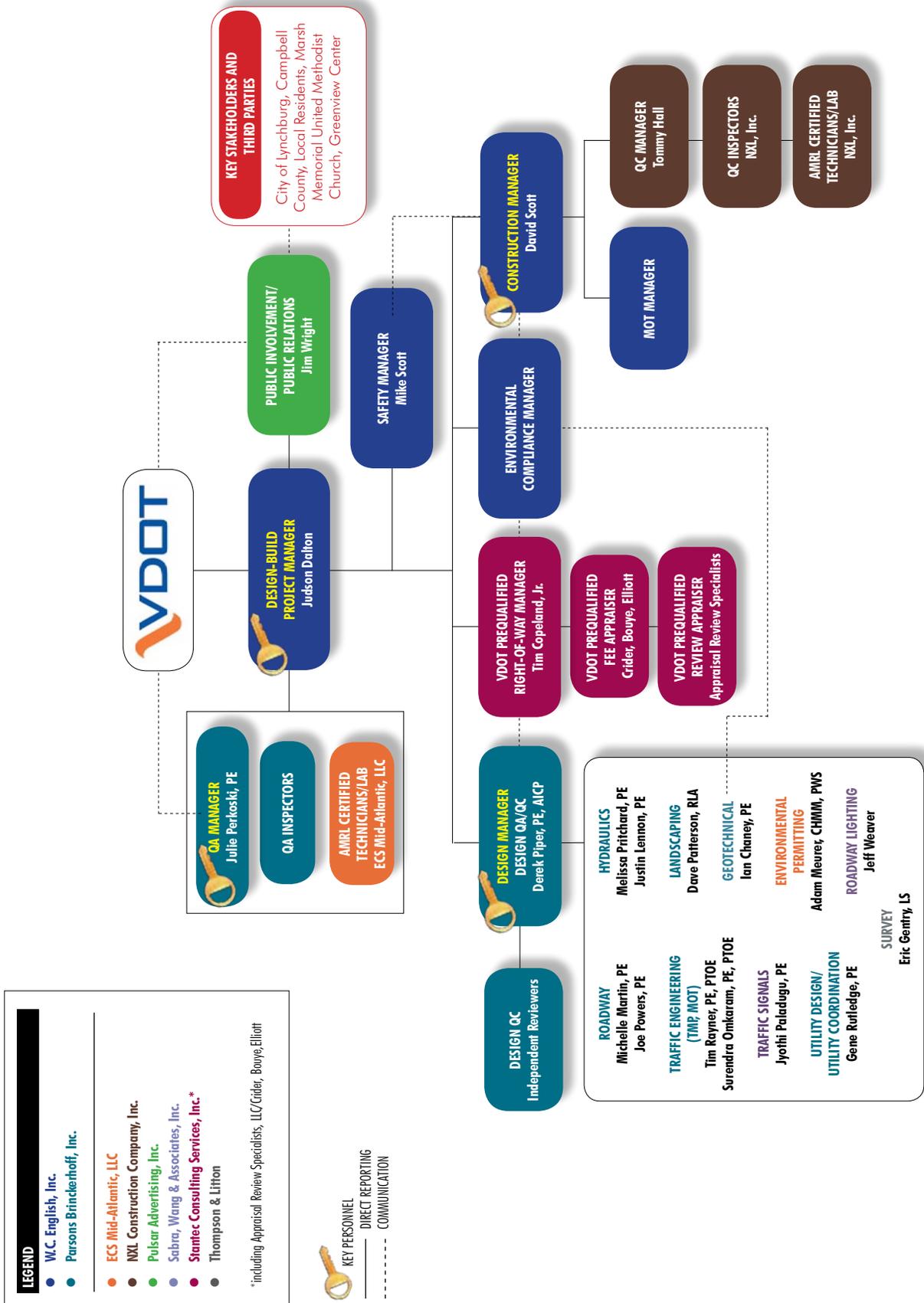
**CONSTRUCTION MANAGER: David Scott** | David brings a vast array of experience working as a senior construction manager and superintendent on transportation projects throughout the Commonwealth. His skills include managing and supervising complex projects with high traffic volumes on both design-build and bid-build projects. As on-site Construction Manager, David oversees all construction operations, quality control activities, the installation and maintenance for all E&S activities, implements and maintains all MOT controls. Currently completing his certification as a **Virginia Department of Environmental Quality (DEQ) Responsible Land Disturber (RLD)**

**Certification and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC)**, David will be certified prior to the commitment and commencement of the project. David is currently working on the US 29 Business (Freeway Drive) contract in Rockingham County, North Carolina, and is available for the Greenview Drive project as soon as necessary.

### 3.3.2 Organizational Chart

The English team is structured to provide VDOT with a single point of contact, the Design-Build Project Manager (DBPM), Judson Dalton, who will be responsible for all design and construction activities and the overall management of a well-integrated team. Our reporting and functional relationships are described below and delineated on the Organizational Chart on the following page. The English team organization has a straight-forward chain of command, with individual tasks, responsibilities, and functional relationships clearly identified. Further, a distinct separation is shown between construction and QA; including the separation between the respective QA and QC inspection and field/AMRL-certified laboratory testing facilities in accordance with the *Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012*. The Organizational Chart depicts VDOT and third parties, stakeholders, key personnel, support personnel, and their relationships and functions.

**Functional Relationships and Communication among Participants, including Design and Construction Team Interaction throughout the Project.** The English team ascribes to the DBIA paradigm that “integrated development of the design and construction program is the cornerstone of design-build delivery and this methodology optimizes opportunities for collective excellence.” DB delivery carries with



**LEGEND**

- W.C. English, Inc.
- Parsons Brinckerhoff, Inc.
- ECS Mid-Atlantic, LLC
- NXL Construction Company, Inc.
- Pulsar Advertising, Inc.
- Sabra, Wang & Associates, Inc.
- Stantec Consulting Services, Inc.\*
- Thompson & Litton

\*Including Appraisal Review Specialists, LLC/Crider, Bouye, Elliott

**KEY PERSONNEL**

- DIRECT REPORTING
- - - COMMUNICATION

it a united team responsibility to gain a full understanding of the owner’s intentions and the factors that will drive value into the process and outcome. Put into practice, English’s DBPM, CM and construction personnel will interface with design counterparts from Parsons Brinckerhoff and Stantec’s right-of-way manager throughout the entire design and construction phases.

**Design–Construction Interface.** The English team’s extensive DB experience has shown that a *Task Force approach* during the design stage and throughout project execution is critical to ensuring a successful project. Task Forces, led by the DBPM, serve as a conduit for disseminating project-critical information and are the central point of decision-making and communication among all involved in the project. These regular, open forums of discussion among team members (both design and construction) and VDOT to address respective project elements serve to clearly define project criteria, ensure VDOT’s intentions are being met, address corridor-wide constructability issues, and provide consistency in design before becoming schedule-critical. Through this approach, we create a firm relationship that sets the foundation to interact and partner with VDOT and third-party stakeholders, streamline reviews, eliminate potential construction field issues, and deliver the project safely, on time, and within budget.

Role	Reports To	Design/Construction Interface
Design-Build Project Manager (DBPM): <b>Judson Dalton</b>	VDOT	<ul style="list-style-type: none"> <li>✓ DB Team point of contact to VDOT.</li> <li>✓ Responsible for overall project design, permitting, right-of-way acquisition, utility relocation, construction, quality management and contract administration.</li> <li>✓ Directs DM, CM, and QAM</li> <li>✓ Chairs and manages the project Task Forces.</li> <li>✓ Responsible for overall project safety—design and construction.</li> </ul>
Quality Assurance Manager (QAM): <b>Julie Perkoski, PE</b>	DBPM	<ul style="list-style-type: none"> <li>✓ Independent from all construction operations.</li> <li>✓ Coordinates with the Design QA for DQMP compliance.</li> <li>✓ Interacts directly with the DBPM.</li> <li>✓ Authority to stop work on the project due to poor quality.</li> </ul>
Design Manager (DM): <b>Derek Piper, PE, AICP</b>	DBPM	<ul style="list-style-type: none"> <li>✓ Directs and coordinates the integration of design disciplines.</li> <li>✓ Responsible for the design schedule and overall design quality.</li> <li>✓ Through the DBPM, coordinates with VDOT’s design review team.</li> <li>✓ Communicates with CM.</li> <li>✓ Collaborates with the right-of-way manager during design development to minimize impacts</li> </ul>
Construction Manager (CM): <b>David Scott</b>	DBPM	<ul style="list-style-type: none"> <li>✓ Coordinates with the DM during design development for constructability issues.</li> <li>✓ Manages and supervises all self-performed activities, MOT, E&amp;S installation and maintenance, and all subcontractors.</li> <li>✓ Responsible for construction-related field issues.</li> </ul>



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### 3.4 | EXPERIENCE OF OFFEROR'S TEAM

Both English and Parsons Brinckerhoff are among the nation's top-ranked firms in their respective disciplines. We have designed, built and maintained some of our country's most important infrastructure. Each firm has earned industry-wide recognition for their success in controlling, managing, and executing work. The blend of similar projects completed and ongoing roadway improvement projects by these firms confirms our qualifications to successfully deliver all elements of this project.

English has worked on numerous projects where construction staging and sequencing were an integral part of maintaining public access during construction and for minimizing impacts to adjacent stakeholders, such as businesses, religious organizations, communities and other transportation users. English has successfully delivered projects that include the same relevant construction elements as the Greenview Drive Widening project, as noted below.

ENGLISH'S RELEVANT EXPERIENCE			
PROJECT NAME/LOCATION	CLIENT	CONSTRUCTION VALUE	COMPLETION DATE
 <b>North Gayton Road Widening</b> Henrico County, VA	Henrico County	\$38,600,000	2012
<b>Bedford Route 221 Widening</b> Bedford, VA	VDOT	\$16,900,000	2009
<b>Cowan Boulevard Widening</b> Fredericksburg, VA	VDOT	\$11,000,000	2005
 <b>Rest Area on I-64</b> New Kent County, VA	VDOT	\$6,980,000	2003
 <b>APM Terminal Access Road</b> Portsmouth, VA	Tidewater/ Skanska	\$6,613,958	2006

The projects noted above demonstrate recent and relevant English experience with arterial widening projects of similar size and complexity to the Greenview Drive Widening Project. Detailed information on three of these projects is presented on the Attachment 3.4.1(a) - Lead Contractor Work History Forms.

Similarly, Parsons Brinckerhoff has an equally impressive portfolio of similar projects delivered on-time and within budget.

PARSONS BRINCKERHOFF'S RELEVANT EXPERIENCE			
PROJECT NAME/LOCATION	CLIENT	CONSTRUCTION VALUE	COMPLETION DATE
 <b>I-295/Meadowville Road Widening and Interchange Improvements</b> Chesterfield County, VA	VDOT	\$11,820,000	2011
<b>US 17 (Dominion Boulevard) Widening</b> Chesapeake, VA	City of Chesapeake	\$194,000,000	In progress
<b>US Route 1 Widening</b> Prince William County, VA	Prince William County	\$44,000,000	In progress
<b>Hanbury Road Improvements</b> Chesapeake, VA	City of Chesapeake	\$2,500,000	2012
 <b>I-264 Widening / Interchange</b> Portsmouth, VA	VDOT	\$205,000,000	In progress

Parsons Brinckerhoff has developed a strong working relationship with all of the subconsultants proposed. For example, Stantec, Inc. performed right-of-way acquisition for 200+ parcels on US 17 (Dominion Boulevard) under contract to the City of Chesapeake; 75+ parcels for I-64 Widening under contract to the Design-BUILDER; and performed utility coordination for I-295/Meadowville Road Widening & Interchange Improvements under contract to Parsons Brinckerhoff. In addition, Parsons Brinckerhoff has developed a strong relationship with Thompson & Litton over several years, with Thompson & Litton providing surveying services to Parsons Brinckerhoff and Parsons Brinckerhoff providing traffic engineering services to Thompson & Litton on numerous projects.

### 3.4.1 Work History Forms

Work History Forms are included in the Appendix. In these forms, we have used the  icon to represent design-build projects.



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## 3.5 | PROJECT RISKS

The early identification and planned mitigation for potential risks associated with this project provides VDOT with assurance that we understand the complexity of the project, the impacts of these potential risks, and the strategies needed to minimize or eliminate these risks throughout the process. To evaluate risks, our Team has begun developing a Project Risk Register—a “living document”—that will be updated throughout the duration of the project to continuously assess risk, define the potential for impact, and develop mitigation strategies to manage these risks. The English/Parsons Brinckerhoff Team has been engaged in pursuing this project for many months. Through numerous site visits, independent research, as well as conversations and meetings with VDOT staff and the City of Lynchburg, we have evaluated a number of risks and have determined that the three risks with the greatest potential to impact project success are: Traffic Management and Safety during Construction; Utility Relocations; and Right-of-Way Acquisition. In the following sections, we discuss each risk, why it is critical, its potential impact to the project, and our mitigation strategies, including VDOT’s role.

As noted above, the English/Parsons Brinckerhoff Team has been following this project for the past several years starting with the Locally Administered Project for the City of Lynchburg and Campbell County carrying through to our application to Virginia OTP3 and onto the VDOT APD group. This team has a long history with this project and brings the knowledge and expertise to successfully deliver a solution that will minimize risk and provide a cost savings to the Department.

The purpose of this project is to alleviate traffic congestion and provide safety improvements to Greenview Drive. This Project will also widen Greenview Drive to a four-lane facility with a raised landscaped median and sidewalks from Hermitage Road to Leesville Road. It will also include improvements to the Greenview Drive and Leesville Road Intersection by adding turn lanes to all approaches and lowering Leesville Road to alleviate the sight distance issues in the intersection.

To alleviate the sight distance issues in the intersection, the design included with the RFQ information lowers the profile grade in the intersection. Based on a thorough review of constructability issues associated with the current design, our Team has developed a design alternative that will meet the purpose of the Project, offer a cost savings to the Department, and will be an essential element of our approach to mitigate the Project’s critical risks. The design approach included with the RFQ documents include significant constructability issues including maintenance of traffic during construction, impacts to large diameter waterlines, and access management issues. Our Team proposes to correct the sight distance issue in the intersection by minimizing the changes to the existing grade in the intersection and raising the grade on the Greenview Drive approaches to the intersection. The overall project goal of improving sight distance and improving traffic movements will still be accomplished by this revised approach, and it will assist in mitigating all of the risks identified below.

### **Critical Risk No. 1: Traffic Management and Safety During Construction**

With high existing “per lane” traffic volumes operating immediately adjacent to the work zone and existing intersections currently operating with significant congestion, arterial widening projects often present a challenge for the project team in providing safe and efficient traffic operations as well as a

safe work environment. In this case, the potential for increased traffic congestion caused by changes in traffic patterns during construction, and access management issues caused by significant grade changes are specific risks. We have carefully considered these risks and have developed a plan to avoid adverse impacts to the travelling public and the success of the project.

**Increased Traffic Congestion.** The Greenview Drive and Leesville Road Intersection currently carries approximately 35,500 vehicles per day (2013 data) and has exceeded its capacity to operate at an adequate level of service. Construction adjacent to Greenview Drive will likely distract drivers in the project corridor. Similarly, implementation of work zone traffic controls and changes to traffic patterns have the potential to exacerbate existing travel delays and traffic queues. As such, it is imperative to implement effective measures to maintain reasonable traffic levels while ensuring safety of users and construction staff throughout the duration of the Project. If not addressed, the impact of reduced roadway/intersection capacity and increased queuing during construction could also affect the US 460 access ramps and lead to traffic safety issues for users both within the limits of construction and on adjacent facilities.

**Access Management Issues.** Significant changes to the vertical profile of Greenview Drive will impact the entrances to several residential properties as well as the Marsh Memorial United Methodist Church and the Greenview Center. It is imperative to maintain access to every entity along the corridor during construction. From a safety standpoint, it is also critical for emergency vehicles to have clear and constant access to properties along the corridor.

### MITIGATING CRITICAL RISK NO. 1

To mitigate the risk of increased traffic congestion during construction, the English/Parsons Brinckerhoff team will develop Sequence of Construction and Maintenance of Traffic phasing/staging plans concurrently with a Transportation Management Plan. The phasing/staging will be developed to maintain the proper traffic movements of all open lanes in the project corridor to avoid exacerbating existing traffic congestion. The English/Parsons Brinckerhoff team will prepare a traffic model to analyze conditions during each phase of construction to ensure signal timings and temporary signals are properly adjusted to accommodate the needs of the corridor. The English/Parsons Brinckerhoff team will consider restricting lane closures during peak travel times and will strive to conduct some construction activities during weekends and nights as necessary to further mitigate negative impacts to the traveling public. Marsh Memorial United Methodist Church's schedule will be considered when scheduling weekend or night work to ensure there are no conflicts with Sunday services and Wednesday evening activities. Night work itself will be restricted to those operations that are truly warranted, such as utility tie-ins, due to the number of residential properties along and adjacent to the project.

As additional mitigation, the English/Parsons Brinckerhoff Team will take a proactive approach in diverting thru traffic on both Greenview Drive and Leesville Road during construction. A review of possible alternate routes will be included in the public outreach to divert traffic to these alternate routes. Detours will also be reviewed to see if the need exists during construction. Alternate routes include Route 460, Waterlick Road and Timberlake Road as viable alternatives for the traveling public to utilize. The team will make use of proper delineation, accurate pavement markings, traffic control devices, and temporary signal configurations all in accordance with the *Virginia Work Area Protection Manual*, to assist motorists through or divert them around the work zone during construction. Public information personnel and

Dynamic Message Signs (DMS) will be used to inform motorists in advance of any upcoming changes to traffic patterns and lane closures in the work zone.

**The Sequence of Construction and Transportation Management Plan will be simplified with our proposed redesign of the intersection. The redesign of the proposed roadway profile at the intersection of Greenview Drive and Leesville Road will alleviate significant grade differentials to better manage access points, reduce the number of construction phases caused by the five-foot cut proposed, decrease the rock excavation that is expected within the intersection, and reduce utility relocations.**

### VDOT'S ROLE IN MITIGATING CRITICAL RISK NO. 1

VDOT's role would be to review, comment on, and approve Maintenance of Traffic plans and the Transportation Management Plan. VDOT may choose to assist with public notifications about upcoming changes to traffic patterns and lane closures on its website and media outlets using information provided by the English/Parsons Brinckerhoff Team.

### Critical Risk No. 2: Utility Relocations

Utility relocations will be on the critical path of construction activities associated with this project, and if not managed properly, they have the potential to delay the project's schedule. As such, utility relocations will be the first construction activity initiated in order to eliminate any conflicts with construction of the proposed roadway. It is imperative that the team incorporate Third-Party coordination with the City of Lynchburg and other private utility providers (Verizon, American Electric, Columbia Gas, and Comcast). If this Third-Party Coordination is not handled appropriately, it will delay construction activities.

**Public Utilities.** The City of Lynchburg owns an existing 10-inch waterline just outside the existing pavement on the southern leg of Leesville Road, an existing 12-inch waterline located just inside the curb line on the northern leg of Leesville Road, and an existing 24-inch waterline running parallel to Leesville Road in an easement located just outside of existing right-of-way. All of these waterlines cross through the intersection with Greenview Drive and may be impacted by construction. As these utilities are schedule critical, any relocation of these facilities will need to occur early in the construction schedule. The coordination/approval of the relocation plans by the City, as well as design and permitting of the relocations, are all schedule critical. And, if the relocated 24-inch line is to be constructed in a new easement outside of existing right-of-way, the acquisition of right-of-way easements for the new waterline are also schedule critical, as noted under Critical Risk No. 3.

**Private Utilities.** Overhead utilities are located parallel to the north and south sides of Greenview Drive and the east side of Leesville Road. There is also a gas line that runs parallel to the north side of Greenview Drive. All of these utilities pass through the intersection of Greenview Drive and Leesville Road.

It appears that the overhead lines on the south side of Greenview Drive will generally not be impacted by construction; however, once the overhead lines cross to the north side of Greenview Drive (near East Overbrook Road), the existing poles will need to be relocated. This will need to be carefully coordinated since utility easements will need to be addressed during the right-of-way acquisition phase, and these poles appear to include numerous utilities. Additionally, the City has plans for new street lighting and

street trees, so coordination with the City will be necessary.

Because the existing gas line is currently located below the proposed roadway section of Greenview Drive, it is unlikely that it will need to be relocated; however, it should be located accurately during design and continually monitored during construction to avoid impacts.

### **MITIGATING CRITICAL RISK NO. 2**

To mitigate the risk of schedule delays as a result of potential utility relocations, the English/Parsons Brinckerhoff team will provide continuous coordination with affected utility companies—commencing at the proposal phase and continuing throughout design development and construction. In addition, our team has assigned Gene Rutledge, PE (Parsons Brinckerhoff) with specific responsibilities for utility coordination. A Utility Task Force will be established during design and will continue through construction to define potential impacts, evaluate solutions for minimizing impacts and facilitate relocations. We will diligently pursue the relocation effort in accordance with the VDOT Utility Manual and the RFP requirements. A robust SUE “Level A” testing program will also be implemented to confirm the depth of water lines and gas lines to avoid conflicts. Also, all relocation activities to include necessary right-of-way/easement acquisition, design, all reviews, and actual relocation will be included in our project CPM schedule. Each individual relocation will be broken down into an appropriate work breakdown structure (WBS). This WBS will guide the creation of activities within the CPM that are logically linked to all preceding and subsequent activities so that the relocation process can be monitored and managed throughout the duration of the contract. Additionally, the English/Parsons Brinckerhoff Team’s design alternative will evaluate modifications to the existing waterlines within the intersection, which could lead to a significant schedule and cost savings. The possible profile change would not only have a positive effect on the utilities in the intersection, but as stated in Risk No. 1, it would also benefit the Maintenance of Traffic and the expected rock excavation associated with the intersection.

### **VDOT’S ROLE IN MITIGATING CRITICAL RISK NO.2**

The English/Parsons Brinckerhoff team will invite VDOT to participate as a member of the Utilities Task Force to assist in identifying and resolving issues during design development. As the project develops, VDOT will also approve utility agreements and proposed relocation plans, in accordance with the VDOT Utility Manual.

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### **Critical Risk No. 3: Right-of-Way Acquisition**

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From a review of the preliminary plans, it appears that the proposed widening and grade changes will necessitate right-of-way acquisition of approximately 51 parcels, including several residential properties, the Marsh Memorial United Methodist Church, and the Greenview Center. The impacts to these parcels vary—the additional right-of-way needed for the widening, to also include access modifications, temporary construction easements and/or permanent utility easements. If not managed properly, right-of-way acquisition poses a significant risk to the success of this project. Defining all of the specific impacts during design development, obtaining R/W Plan approval, conducting the necessary negotiations, obtaining the agreements, and finally, requesting payment from VDOT are all steps that will be required as part of this process, and all of these steps have the potential to delay the schedule.

### MITIGATING CRITICAL RISK NO. 3

Our team intends to mitigate the risk of schedule delays from the right-of-way acquisition process by developing a sequence of construction that minimizes the need for rights-of-way and tailors the construction sequencing to areas that do not require right-of-way acquisition at the onset of construction. For example, the Airport Road portion of the project involves minimal right-of-way acquisition. As such, early construction activities can occur in this area after plans are approved and the required permits are received. All right-of-way must be prioritized in order of importance and by the duration the acquisition might take. The phasing, MOT plan, and utility relocations will dictate which parcels the construction team would like access to first. However, the entity that owns the parcel may dictate that a parcel get moved forward in the schedule purely due to the process that parcel owner may have to utilize. One example of this would be the Marsh United Methodist Church whose decision making process will be drastically different and more prolonged than a parcel with a residential owner.

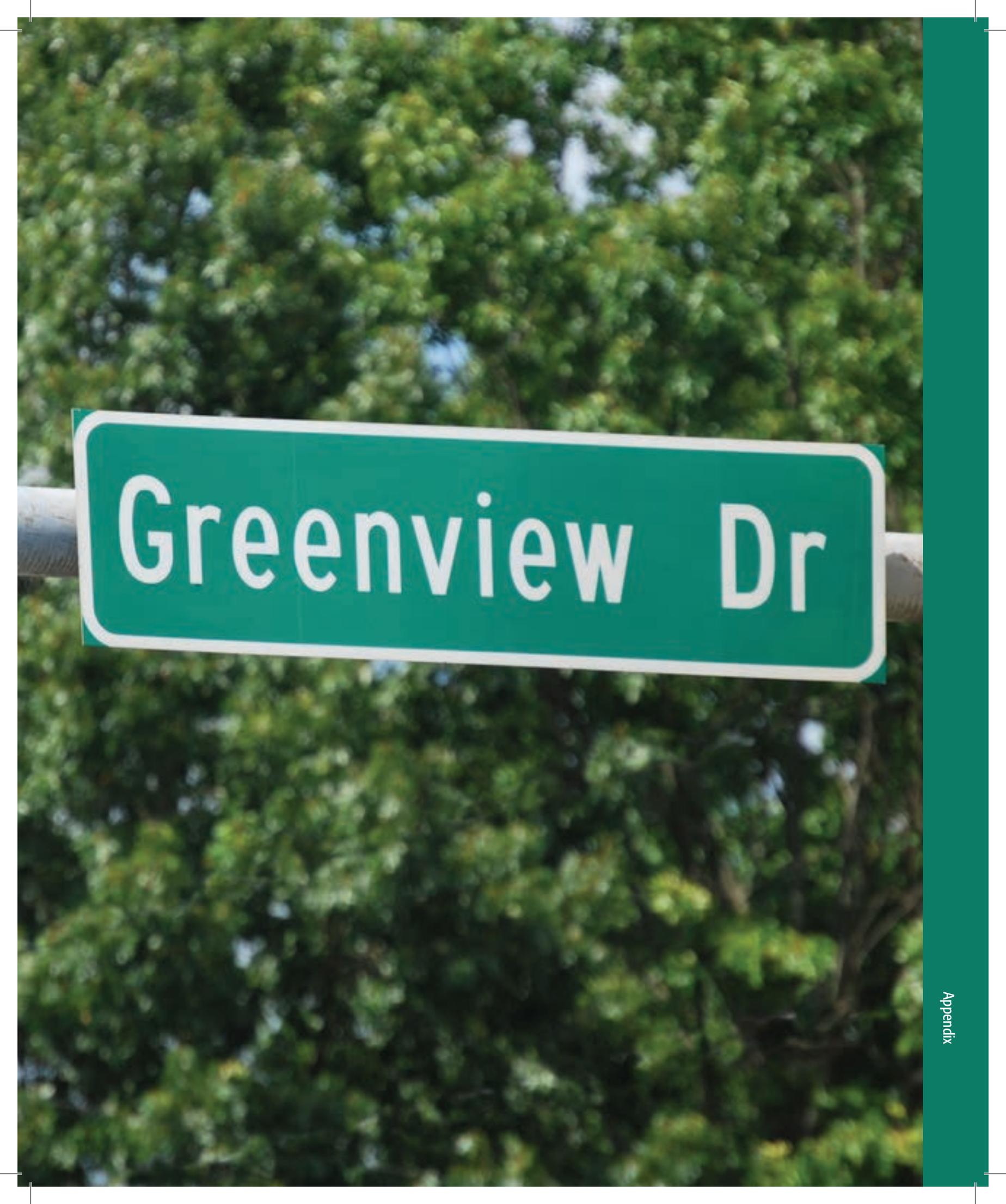
All right-of-way activities to include necessary design, title work, plats, all reviews, appraisals, offer packets, refusal reports, and actual closing will be included in our project CPM schedule. Each parcel will be broken down utilizing an appropriate work breakdown structure creating activities that are logically linked to all other preceding and subsequent activities so that the relocation process can be monitored and managed throughout the duration of the contract.

Additionally, the English/Parsons Brinckerhoff team will work proactively to obtain right-of-entry agreements on properties in advance of formal acquisition of the required property. This will ease the pressure of obtaining all of the right-of-way in advance of construction. We will pursue these options in an effort to advance construction work to remain on schedule. Our team includes a prequalified right-of-way manager, Tim Copeland with Stantec Consulting, Inc., to assist with the right-of-way acquisition process. Stantec's extensive VDOT experience and Parsons Brinckerhoff's working relationship with Stantec staff will help to streamline the process and further mitigate the risks associated with acquisition.

Ahead of right-of-way notice to proceed, we will work with our legal team to perform title searches in an effort to identify properties with liens and other encumbrances. Based on the findings of these searches we will develop a strategy to accelerate the schedule on these properties to allow more time to obtain releases and facilitate quick settlement. As the right-of-way plans are developed we will work with our appraisal team to properly scope the appraisal assignments and submit to VDOT for approval. Where practical, and in keeping with VDOT policy, we will recommend the use of Basic Administrative Reports (BARs) to allow the appraisers to concentrate on more complicated valuations and to maintain the project schedule. RUMS entries will be made on a daily basis to ensure that VDOT has access to the latest right-of-way acquisition information. All documents will be subjected to a rigid QA/QC process to ensure that deliverables to VDOT are accurate. This will help us avoid delays caused by rework and should expedite VDOT approvals.

### VDOT'S ROLE IN MITIGATING CRITICAL RISK NO. 3

VDOT will be requested to maintain contractual delivery times for approving just compensation and issuing Notices to Commence Acquisition. Upon completion of negotiations, either by voluntary conveyance or filing of certificate, VDOT will be expected to deliver Notices to Commence Construction in accordance with the contract.



Greenview Dr

## **Attachment 3.1.2: SOQ Checklist**

**ATTACHMENT 3.1.2**

**Project: U000-118-259, 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.

<b>Statement of Qualifications Component</b>	<b>Form (if any)</b>	<b>RFQ Cross reference</b>	<b>Included within 15-page limit?</b>	<b>SOQ Page Reference</b>
<b>Statement of Qualifications Checklist and Contents</b>	Attachment 3.1.2	Section 3.1.2	no	Appendix
<b>Acknowledgement of RFQ, Revision and/or Addenda</b>	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	Appendix
<b>Letter of Submittal (on Offeror's letterhead)</b>				1
Authorized Representative's signature	NA	Section 3.2.1	yes	2
Offeror's point of contact information	NA	Section 3.2.2	yes	1
Principal officer information	NA	Section 3.2.3	yes	1
Offeror's Corporate Structure	NA	Section 3.2.4	yes	2
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	2
Affiliated/subsidiary companies	Attachment 3.2.6	Section 3.2.6	no	Appendix
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	Appendix
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	Appendix
Evidence of obtaining bonding	NA	Section 3.2.9	no	Appendix

**ATTACHMENT 3.1.2**

**Project: U000-118-259, R201, C501**

**STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS**

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15- page limit?	SOQ Page Reference
<b>SCC and DPOR registration documentation (Appendix)</b>	Attachment 3.2.10	Section 3.2.10	no	Appendix
Full size copies of SCC Registration	NA	Section 3.2.10.1	no	Appendix
Full size copies of DPOR Registration (Offices)	NA	Section 3.2.10.2	no	Appendix
Full size copies of DPOR Registration (Key Personnel)	NA	Section 3.2.10.3	no	Appendix
Full size copies of DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.10.4	no	Appendix
<b>DBE statement within Letter of Submittal</b> confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.11	yes	2
<b>Offeror's Team Structure</b>				3
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	5
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	Appendix
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	Appendix
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	Appendix
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	Appendix
Organizational chart	NA	Section 3.3.2	yes	7
Organizational chart narrative	NA	Section 3.3.2	yes	6

**ATTACHMENT 3.1.2**

**Project: U000-118-259, R201, C501**

**STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS**

<b>Statement of Qualifications Component</b>	<b>Form (if any)</b>	<b>RFQ Cross reference</b>	<b>Included within 15- page limit?</b>	<b>SOQ Page Reference</b>
<b>Experience of Offeror's Team</b>				9
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	Appendix
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	Appendix
<b>Project Risk</b>				11
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	11

**Attachment 2.10:  
Form C-78-RFQ**

**ATTACHMENT 2.10****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00106320DB79  
 PROJECT NO.: U000-118-259, 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 06/30/2014  
(Date)
2. Cover letter of Addendum No. 1 – 07/24/2014  
(Date)
3. Cover letter of \_\_\_\_\_  
(Date)

  
 \_\_\_\_\_  
 SIGNATURE

Wilson L. Dickerson, Jr., PE, Senior Vice President

July 28, 2014  
 \_\_\_\_\_

DATE

**Attachment 3.2.6:  
Affiliates/Subsidiaries**

**ATTACHMENT 3.2.6**

**State Project No. U000-118-259, R201, C501**

**Affiliated and Subsidiary Companies of the Offeror**

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

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

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
<b>ENGLISH – Lead Contractor</b>		
RELATED OWNERSHIP	English Construction Company, Inc.	PO Box P-7000, Lynchburg, VA 24505
RELATED OWNERSHIP	Counts & Dobyns	37 Leland Rd, Rustburg, VA 24588
90% OWNERSHIP	Thomas Bros., LLC	494 Glenmore Drive, Salem, VA 24153
100% OWNERSHIP	Lee Construction Company of the Carolinas, Inc.	PO Box 7667, Charlotte, NC 28241
100% OWNERSHIP	MCC Acquisition, LC	PO Box 568, South Boston, VA 24592
BEVERLEY E. DALTON (Sole stockholder of W. C. English, Incorporated) and A. Douglas Dalton, Jr., (stockholder of English Construction Company) own 99.15%	Adams Construction Company	PO Box 12627, Roanoke, VA 24027
JOINT VENTURE	Sugar Creek Construction, LLC	615 Church Street Lynchburg, VA 24504
<b>PARSONS BRINCKERHOFF – Lead Designer</b>		
PARENT	Parsons Brinckerhoff Group Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff-FG, Inc.	506 Carnegie Center Blvd., 2nd Floor Princeton, NH 08540
AFFILIATE	PB Constructors, Inc.	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
AFFILIATE	PB Services Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff Advisory Services, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff Group Administration, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	ALLTECH, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Energy Storage Services Inc.	16285 Park Ten Place, Suite 400 Houston, TX 77084
AFFILIATE	Parsons Brinckerhoff International Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Facilities Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Power, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	Parsons Brinckerhoff Michigan, Inc.	500 Griswold Street Detroit, MI 48226
SUBSIDIARY	Parsons Brinckerhoff Ohio, Inc.	6235 Enterprise Court Dublin, OH 43016
SUBSIDIARY	PB Booker Associates Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	PB Architecture, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	Associated Engineers, Inc.	3311 E. Shelby St. Ontario, CA 91764
SUBSIDIARY	Keystone Environmental Planning, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	PB Panama, S.A.	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
SUBSIDIARY	Avid Engineering, Inc.	One Penn Plaza New York, NY 10119
JOINT VENTURE	CTA/PB	One Penn Plaza New York, NY 10119
JOINT VENTURE	Bay Area Trans Conslt	One Penn Plaza New York, NY 10119
JOINT VENTURE	B/PB Central Artery	One Penn Plaza New York, NY 10119
JOINT VENTURE	CDM Group	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Hirota	One Penn Plaza New York, NY 10119
JOINT VENTURE	Di Domenico/PB	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Metcalf & Eddy	One Penn Plaza New York, NY 10119
JOINT VENTURE	Potomac Crossing Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBQD & Ammann&Whitney	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Dewberry	One Penn Plaza New York, NY 10119
JOINT VENTURE	Transit Link Consultants, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Eastside LRT PRTS, A BP/JGM/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-Harris-A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Stone&Webster, A Joint Venture	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	PB/Wong	One Penn Plaza New York, NY 10119
JOINT VENTURE	Louisiana TIMED Managers (LTM)	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/Chas H Sells, A JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Chas H Sells/Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/Parsons	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff Quade&Douglas and Parsons Transportation Group,JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Bovis Lend Lease Lmb Inc./Parsons Brinckerhoff Quade & Douglas Inc., A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Wong/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	The Louis Berger Group Inc/PBQ&D Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	General Engineering Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	Urbitran/Parsons Brinckerhoff JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	The DEA/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	ICC CORRIDOR PARTNERS (f/k/a RK&K/URS/PBQ&D Joint Venture)	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	STV/WSA/PBQD Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/Weidlinger Assoc. Inc, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	P2D	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/AZ&B, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Century/PBQD Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/VHB, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/ Ammann&Whitney, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Trans Hudson Express Partnership	One Penn Plaza New York, NY 10119
JOINT VENTURE	CH2M/PB Water Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	RK&K/PBQD JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Whitman,Requardt&Assoc./PB Americas/Wallace Montgomery&Assoc. JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	EK-PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	ARUP PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	GF/PB JV 5	One Penn Plaza New York, NY 10119
JOINT VENTURE	Mccormick Taylor Inc/PB Americas Inc. Joint Venture	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	STV Incorporated/PB Americas Inc. JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/WBCM A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas/Chas H Sells-A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Roche-Parsons Brinckerhoff Joint Ventre	One Penn Plaza New York, NY 10119
JOINT VENTURE	AECOM/GPIPB Joint Venture (f/k/a DMJM Harris/GPI/PB Americas, A Joint Venture)	One Penn Plaza New York, NY 10119
JOINT VENTURE	TIC/PB 12-Pack Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Sand Hill Energy Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	Tollway Transportation Team	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas-Whitman Requardt & Assoc. Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Paducah Power Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB Americas II Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Dulles Rail Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Telamon Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Central Subway Design Group	One Penn Plaza New York, NY 10119
JOINT VENTURE	North Corridor Transit Partners LLC	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	Gannet Fleming/PB Americas, Inc/WRA, LLP	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc./Rummel, Klepper & Kahl, LLP	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/STV A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/H&A JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc/ Wallace Montgomery & Assoc./ Whitman, Requart & Assoc. -A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	LiRo Engineers, Inc./PB Americas, JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Connector Partnership, a JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc./McCormick Taylor, Inc. Joint Venture II	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBH – Berger	One Penn Plaza New York, NY 10119
JOINT VENTURE	ConnectLAX, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Sunnyside Yard Partnership, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	HDR - PB A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-Wong Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-PME JV	One Penn Plaza New York, NY 10119

## ATTACHMENT 3.2.6

State Project No. U000-118-259, R201, C501

### Affiliated and Subsidiary Companies of the Offeror

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	PB-AECOM Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB Americas III Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff Inc and Wallace Montgomery & Associates LLP Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff – FSB – H and A – A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	YU – Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	Weidlinger Associates Inc - Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	Gateway Trans Hudson Partnership	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-STR JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	HAKS-PB JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	KVPB Power Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	Ohio River Transportation Designers	One Penn Plaza New York, NY 10119
JOINT VENTURE	Ohio River Transportation Designers – East	One Penn Plaza New York, NY 10119
JOINT VENTURE	KPF – Parsons Brinckehroff Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-P Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	MAPLAX – A Joint Venture	One Penn Plaza New York, NY 10119

## **ATTACHMENT 3.2.6**

**State Project No. U000-118-259, R201, C501**

### **Affiliated and Subsidiary Companies of the Offeror**

<b>Relationship with Offeror (Affiliate or Subsidiary)</b>	<b>Full Legal Name</b>	<b>Address</b>
JOINT VENTURE	Parsons Brinckerhoff – WSP Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	BGP Airport Associates	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBCS/EBA, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Management Consultants (a/k/a PMC)	One Penn Plaza New York, NY 10119
JOINT VENTURE	URS Corp Nevada/PBCS Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-URS, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	FTS-MK/Alltech (OOCEA)	One Penn Plaza New York, NY 10119
JOINT VENTURE	Rummel Klepper Kahl LLP/PB Consult	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Consult Inc-Urbitran JV	One Penn Plaza New York, NY 10119

## **Attachment 3.2.7: Debarment Forms**

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT  
PRIMARY COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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

July 31, 2014  
Date

Wilson L. Dickerson, Jr., PE  
Senior Vice President  
Title

W.C. English, Incorporated  
Name of Firm

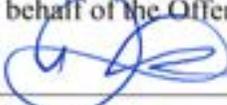
**ATTACHMENT NO. 3.2.7(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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                      July 23, 2014                      Senior Vice President  
Lloyd Graham                      Title

Parsons Brinckerhoff, Inc.

\_\_\_\_\_  
Name of Firm

ATTACHMENT NO. 3.2.7(b)

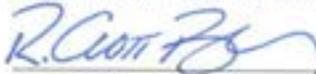
**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.



July 23, 2014

Managing Partner

Signature

Date

Title

Appraisal Review Specialists, LLC

Name of Firm

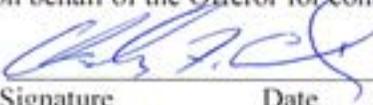
ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.

      7/22/17      Managing Partner  
Signature                      Date                      Title

Criden Dwyer Elliott & Goodwin  
Name of Firm

**ATTACHMENT NO. 3.2.7(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.

	7/18/2014	Vice President/Branch Manager
Signature	Date	Title

ECS Mid-Atlantic, LLC  
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.

William T. Kuntz      7/21/14      President  
Signature                      Date                      Title

NXL Construction Services, Inc.  
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.

	7/18/14	Partner
Signature	Date	Title

Pulsar Advertising, Inc.

\_\_\_\_\_  
Name of Firm



**ATTACHMENT NO. 3.2.7(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, 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 form.

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.

Joseph B. Copeland Jr.      07/18/2014      Senior Associate  
Signature                      Date                                      Title

Stantec Consulting Services, Inc.  
Name of Firm

**ATTACHMENT NO. 3.2.7(b)**

**CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS**

Project No: U000-118-259, 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 form.

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

July 22, 2014

Date

Executive Vice President

Title

Thompson & Litton, Inc.

Name of Firm

**Attachment 3.2.8:  
VDOT Prequalification Supporting Documentation**

=====

E009

W. C. ENGLISH, INCORPORATED

PREQ. EXP : 04/30/2015

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)  
P. O. BOX P-7000 002 - GRADING  
LYNCHBURG, VA 24505-7000 003 - MAJOR STRUCTURES  
PHONE : 434-845-0301 007 - MINOR STRUCTURES  
FAX : 434-845-0306

BUSINESS CONTACT: DICKERSON, JR., WILSON LAMBERT  
EMAIL: WDICKERSON@ENGLISHCONST.COM

-----DBE INFORMATION-----

DBE TYPE : N/A  
DBE CONTACT: N/A

=====

E992

ENVIRONMENTAL DESIGN & CONSTRUCTION, L.L.C.

PREQ. EXP : 04/30/2015

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)  
1108 GOOD HOPE ROAD, SE 033 - ROADSIDE DEVELOPMENT  
WASHINGTON, DC 20020 045 - UNDERGROUND UTILITIES  
PHONE : 202-266-5206 106 - LANDSCAPING  
FAX : 202-610-3151

BUSINESS CONTACT: CHRISTIAN, JAMES EDWARD  
EMAIL: JCHRISTIAN@ENVDES.COM

-----DBE INFORMATION-----

DBE TYPE : N/A  
DBE CONTACT: N/A

=====

**PANEL OF RIGHT OF WAY ACQUISITION CONSULTANTS**

**FIRMS WHO ARE PREQUALIFIED FOR VDOT ADMINISTERED CONTRACTS  
INCLUDES P3, DESIGN BUILD AND  
LOCALLY ADMINISTERED PROJECTS**

<b><u>COMPANY NAME</u></b>	<b><u>CONTACT</u></b>	<b><u>TELEPHONE NO.</u></b>
AECOM 4840 Cox Road Glen Allen, VA 23060	Richard Leininger, P.E.	(804) 515-8469
American Acquisition 5600 Mariner St., Suite 104 Tampa, Florida 33609	Wade Brown W. C. Miller	(813) 287-8191 (813) 287-8191
Cardno TBE 1100 Athens, Suite A Richmond, VA 23227-1145	Mike Woods	(804) 285-4811
Coates Field Service, Inc. 4800 N. Santa Fe Oklahoma City, OK 73118	Joe Coates	(405) 528-5676
Continental Field Services P. O. Box 915 (32 E. Field Rd.) Bedford, NY 10506 6320 Augusta Dr., Suite 401 Springfield, VA 22150	Michael Hill  Paul Shray	(914) 234-4194  (703) 451-5577
Diversified Property Services 20 E. Timonium Road, Suite 111 Timonium, MD 21093	Patricia E. Dablock	(410) 252-5075 or (800) 996-5499
Stantec Consulting Services Inc., (formerly Greenhorne & O'Mara) 10800 Midlothian Turnpike, Suite 310 Richmond, VA 23235	Tim Copeland  Project Director	(804) 897-6309  (757) 647-8474 (cell)

**APPRAISERS/APPRAISAL FIRMS  
APPROVED BY VDOT TO PERFORM  
APPRAISAL SERVICES**

**SENIOR APPRAISER DESIGNATION**

<b><u>NAME</u></b>	<b><u>ADDRESS &amp; TELEPHONE #</u></b>	<b>SWAM/ DBE</b>
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**BRISTOL**

Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 <a href="mailto:aaa@mountainempire.com">aaa@mountainempire.com</a>	
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Castle, David N. Certified General	310 W. Main Street <a href="mailto:P.O.Box.1296@bvu.net">P. O. Box 1296</a> Lebanon, Virginia 24266 (276) 889-4020 (276) 889-2749 – Fax <a href="mailto:Dcastle@bvu.net">Dcastle@bvu.net</a>	
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Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax <a href="mailto:jdew@jbdassociates.com">jdew@jbdassociates.com</a>	
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<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
Turbyfill, Sr., Mike	Telics 2439 Bethel Road Sugar Grove, North Carolina 28679 <a href="mailto:urbanreinc@yahoo.com">urbanreinc@yahoo.com</a> (828)297-5681	<b>All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work.</b>

**CULPEPER**

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Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 <a href="mailto:cforni@appraiser.com">cforni@appraiser.com</a> (281) 493-4444 (291) 493-6845	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax <a href="mailto:elizabeth@jmaappraisals.com">elizabeth@jmaappraisals.com</a>	<b>SWAM/DBE</b>
Kerr, Patrick	Integra Realty Resources Executive Plaza IV 11350 McCormick Road, Suite LL1 Hunt Valley, MD 21031-1002 ** <a href="mailto:pkerr@irr.com">pkerr@irr.com</a> (443) 578-4908 <b>All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work. – Also, contingent upon approval of the Title VI.</b>	
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Robinson, Walter A., Jr. GAA Certified General	7209 Candy Meadow Lane Warrenton, Virginia 20186-7662 (540) 347-9008 (540) 347-4840 <a href="mailto:warjr7209@aol.com">warjr7209@aol.com</a>	
Pape, Karen, MAI, SRA President SENIOR APPRAISER	Pape & Company, Inc. 1421 Sachem Place, Suite 1 Charlottesville, Virginia 22901 (434) 975-6640 (434) 975-6641 <a href="mailto:karen@papeandco.com">karen@papeandco.com</a>	<b>SWAM/DBE</b>
Turbyfill, Sr., Mike	Telics 2439 Bethel Road Sugar Grove, North Carolina 28679 <a href="mailto:urbanreinc@yahoo.com">urbanreinc@yahoo.com</a> (828)297-5681 <b>All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work.</b>	
Zogorski, Robert	RealPro Valuations 1845 Lititz Pike Lancaster, Pennsylvania 17601 (717) 581-0400 realprovaluation.com <b>All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work. – Also, contingent upon approval of the Title VI.</b>	

**FREDERICKSBURG**

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<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 <a href="mailto:rd@deedsco.com">rd@deedsco.com</a>	
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Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 <a href="mailto:cforni@appraiser.com">cforni@appraiser.com</a> (281) 493-4444 (291) 493-6845	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax <a href="mailto:elizabeth@jmaappraisals.com">elizabeth@jmaappraisals.com</a>	<b>SWAM/DBE</b>
Heric, Martha MAI Certified General	The Riemann Companies, Inc. P. O. Box 458 203 Prince George Street Urbanna, Virginia 23175 (804) 758-4975 (804) 758-3293 – Fax <a href="mailto:mhtrc@aol.com">mhtrc@aol.com</a>	<b>SWAM/DBE</b>

<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
<b><u>HAMPTON ROADS</u></b>		
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Colorito, Lawrence J. MAI, MRICS	Axial Advisory Group, LLC 656 Independence Pkwy. Suite 220 Chesapeake, VA 23320 <a href="mailto:icolorito@axialadvisory.com">icolorito@axialadvisory.com</a> (757) 410-1222 (757) 410-2956	
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Eckert, Peter S. MAI, SRA, CRE Certified General	Peter S. Eckert & Co., Inc. P. O. Box 12208 (23612 Zip) 601 Thimble Shoals Boulevard – Suite 200 Newport News, Virginia 23606 (757) 873-1918 (757) 873-0222 – Fax <a href="mailto:pse@eckertandco.com">pse@eckertandco.com</a>	<b>SWAM/DBE</b>

<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
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Grice, A. P., III MAI, FASA, CRB Certified General	A. P. Grice & Son, Inc. Bank of the Commonwealth Bldg. Suite 350 403 Boush Street Norfolk, Virginia 23510 (757) 622-7054 (757) 622-7056 – Fax <a href="mailto:apgrice@verizon.net">apgrice@verizon.net</a>	
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Gruelle, Dennis W. MAI, SRA Certified General	Appraisal Consultation Group 5511 Princess Anne Road, Suite 202 Virginia Beach, Virginia 23462 (757) 497-1229 (757) 497-1438 – Fax <a href="mailto:acgva@juno.com">acgva@juno.com</a>	
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<b><u>LYNCHBURG</u></b>		
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	<u>NOVA</u>	
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Austin, John F. ASA Certified General	John Austin Appraisers 9101 Ashmeade Drive Fairfax, Virginia 22032 (703) 323-5626 (703) 978-7565 - Fax <a href="mailto:jaustin503@aol.com">jaustin503@aol.com</a>	SWAM
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<b><u>RICHMOND</u></b>		
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Call, J. B., III MAI Certified General	Jay B. Call, III Associates, Inc. P. O. Box 509 (ZIP 23218) (Use POB for mailing) 5411 Patterson Avenue, Suite 100 Richmond, Virginia 23226-2039 (804) 780-0683 (804) 775-2672 <a href="mailto:jbcall3@aol.com">jbcall3@aol.com</a>	
Chavis, Harrison M. MAI Certified General	Harrison Chavis & Associates, Inc. 6021 West Broad Street P. O. Box 11536 Richmond, Virginia 23230 (804) 288-8005 (804) 282-3014 – Fax <a href="mailto:hcainc@erols.com">hcainc@erols.com</a>	
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Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 <a href="mailto:rd@deedsco.com">rd@deedsco.com</a>	
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax <a href="mailto:jdew@jbdassociates.com">jdew@jbdassociates.com</a>	

<b><u>NAME</u></b>	<b><u>ADDRESS &amp; TELEPHONE #</u></b>	<b><u>SWAM/ DBE</u></b>
Dorin, Allen G., Jr. MAI, SRA Certified General	KDR Real Estate Services 2500 Grenoble Road Richmond, Virginia 23294-3614 (804) 672-1368 Ext. 111 (804) 672-1373 – Fax <a href="mailto:adorin@KDRrealestate.com">adorin@KDRrealestate.com</a>	<b>SWAM/DBE</b>
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 <a href="mailto:cforni@appraiser.com">cforni@appraiser.com</a> (281) 493-4444 (291) 493-6845	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax <a href="mailto:elizabeth@jmaappraisals.com">elizabeth@jmaappraisals.com</a>	<b>SWAM/DBE</b>
Hoffmann, Harry F., Jr. SRA Certified General	Academy Appraisal, LLC 3016 Mountain Road, Suite 201 Glen Allen, Virginia 23060 P. O. Box 1188 Glen Allen, Virginia 23060 (804) 477-7068 (804) 477-6069 – Fax <a href="mailto:fhoffmann@comcast.net">fhoffmann@comcast.net</a> <a href="http://www.academyappraisal.net">www.academyappraisal.net</a> <a href="mailto:hoffman@academyAppraisal.net">hoffman@academyAppraisal.net</a>	

<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
<b><u>SALEM</u></b>		
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 <a href="mailto:aaa@mountainempire.com">aaa@mountainempire.com</a>	
Cole, W. Gordon MAI Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 ext. 128 (336) 275-9440 – Fax <a href="mailto:gordon@jmaappraisals.com">gordon@jmaappraisals.com</a>	<b>SWAM/DBE</b>
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax <a href="mailto:jdew@jbdassociates.com">jdew@jbdassociates.com</a>	
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 <a href="mailto:cforni@appraiser.com">cforni@appraiser.com</a> (281) 493-4444 (291) 493-6845	

<u>NAME</u>	<u>ADDRESS &amp; TELEPHONE #</u>	<u>SWAM/ DBE</u>
Wingate, Joseph G. ASA Certified General	Southwestern Appraisal Company 5111 Melrose Avenue, N. W. Roanoke, Virginia 24017 (540) 986-0472 (540) 986-0927 – Fax <a href="mailto:wwingatee@aol.com">wwingatee@aol.com</a>	

### STAUNTON

Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 <a href="mailto:aaa@mountainempire.com">aaa@mountainempire.com</a>	
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Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
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Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax <a href="mailto:jdew@jbdassociates.com">jdew@jbdassociates.com</a>	
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Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 <a href="mailto:crider@criderappraisals.com">crider@criderappraisals.com</a> (864) 232-1788 (864) 232-1890 – Fax	
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Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 <a href="mailto:cforni@appraiser.com">cforni@appraiser.com</a> (281) 493-4444 (291) 493-6845	
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<u><b>NAME</b></u>	<u><b>ADDRESS &amp; TELEPHONE #</b></u>	<b>SWAM/ DBE</b>
Pratt, Robert M. Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 <a href="mailto:appraisalreview@frontier.com">appraisalreview@frontier.com</a>	
Barber, R. Scott Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 <a href="mailto:appraisalreview@frontier.com">appraisalreview@frontier.com</a>	
Schwartz, Phil Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 <a href="mailto:appraisalreview@frontier.com">appraisalreview@frontier.com</a>	
Bradford, Jennings Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 <a href="mailto:appraisalreview@frontier.com">appraisalreview@frontier.com</a>	
Crawford, Steven M. CEO	Riverridge Valuations, Inc. 135 Brassy Court Johns Creek, Georgia 30022 <a href="mailto:stevencrawford@bellsouth.net">stevencrawford@bellsouth.net</a> (404) 401-3838 (Cell) (770) 640-1922 (Fax)	<b>SWAM</b>
Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 <a href="mailto:davisappraisals@embarqmail.com">davisappraisals@embarqmail.com</a> <a href="mailto:douglad@embarqmail.com">douglad@embarqmail.com</a>	<b>SWAM</b>

**Attachment 3.2.9:  
Surety Letter**



**Daniel J. Grygo, AFSB**  
Account Executive  
Travelers Bond & Financial Products  
Construction Services  
9954 Mayland Drive, Suite 6100  
Richmond, VA 23233  
(804)965-9272 (office)  
(804)229-7596 (mobile)  
dgrygo@travelers.com

July 14, 2014

Mr. Kevin Reichert, P.E.  
Virginia Department of Transportation  
1401 East Broad Street  
Richmond, VA 23219

**RE: *Greenview Drive Widening – Design Build Project, Lynchburg, VA***

To Whom It May Concern:

English Construction Company, Inc. has been a valued client of Travelers Casualty and Surety Company of America for over sixty years. During that time, we have maintained a working line of surety credit and have supported single bond requests up to the \$125,000,000. range and aggregate programs up to the \$500,000,000. range. These levels reflect our history with this client; however, they are not to be construed as limits. Given English's extensive experience and financial strength, we are certainly prepared to consider requests well in excess of these levels.

At this time, we are prepared to respond favorably should English Construction Company, Inc. accept an award and request performance and payment bonds. Our willingness to commit to any such request would, of course, be contingent upon our being satisfied with all prevailing underwriting conditions including but not limited to acceptable contract terms, acceptable bond forms, and confirmation of full financing.

Travelers Casualty and Surety Company of America is licensed to transact surety business in all 50 states and is listed on the United States Department of Treasury list of acceptable surety companies. Travelers Casualty and Surety Company of America carries an A.M. Best rating of A+ and has a Financial Size Category of XV. The information contained in this letter is valid for a period of three (3) months from date of this letter.

Please feel free to contact us if you have any questions.

Sincerely,

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

Frances M. Saunders  
Attorney-in-Fact

FMS/cw  
Power of Attorney Attached



**POWER OF ATTORNEY**

Farmington Casualty Company  
 Fidelity and Guaranty Insurance Company  
 Fidelity and Guaranty Insurance Underwriters, Inc.  
 St. Paul Fire and Marine Insurance Company  
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company  
 Travelers Casualty and Surety Company  
 Travelers Casualty and Surety Company of America  
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 213509

Certificate No. 005185026

**KNOW ALL MEN BY THESE PRESENTS:** That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Whitney D. Melton, and Frances M. Saunders

of the City of Altavista, State of Virginia, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of September, 2012.

Farmington Casualty Company  
 Fidelity and Guaranty Insurance Company  
 Fidelity and Guaranty Insurance Underwriters, Inc.  
 St. Paul Fire and Marine Insurance Company  
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company  
 Travelers Casualty and Surety Company  
 Travelers Casualty and Surety Company of America  
 United States Fidelity and Guaranty Company



State of Connecticut  
 City of Hartford ss.

By: *Robert L. Raney*  
 Robert L. Raney, Senior Vice President

On this the 11th day of September, 2012, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.  
 My Commission expires the 30th day of June, 2016.



*Marie C. Tetreault*  
 Marie C. Tetreault, Notary Public

**Attachment 3.2.10:  
SCC/DPOR Table**

## ATTACHMENT 3.2.10

### State Project No. U000-118-259, R201, C501

#### SCC and DPOR Information

Offerors shall complete the table and include the required state registration and licensure information. By completing this table, Offerors certify that their team complies with the requirements set forth in Section 3.2.10 and that all businesses and individuals listed are active and in good standing.

<b>SCC &amp; DPOR INFORMATION FOR BUSINESSES (RFQ Sections 3.2.10.1 and 3.2.10.2)</b>							
<b>Business Name</b>	<b>SCC Information (3.2.10.1)</b>			<b>DPOR Information (3.2.10.2)</b>			
	<b>SCC Number</b>	<b>SCC Type of Corporation</b>	<b>SCC Status</b>	<b>DPOR Registered Address</b>	<b>DPOR Registration Type</b>	<b>DPOR Registration Number</b>	<b>DPOR Expiration Date</b>
W.C. English, Inc.	00689448	Corporation	Active	615 Church Street Lynchburg, VA 24504	Contractor Class A	2701003331	04.30.2016
Parsons Brinckerhoff, Inc.	F0501603	Foreign Corporation	Active	277 Bendix Road Virginia Beach, VA 23452	Business Entity Branch Office	0411000137	02.29.2016
Appraisal Review Specialists, LLC	T0490682	Foreign Limited Liability Company	Active	3058 Mount Vernon Road Hurricane, WV 25523	Appraisal Business Registration	4008001735	04.30.2016
Crider, Bouye, Elliott	T0501512	Foreign Limited Liability Company	Active	2 Ridgeway Avenue Greenville, SC 29607	Appraisal Business Registration	4008001745	06.30.2016
ECS Mid-Atlantic, LLC	S1208216	Limited Liability Company	Active	20436 Lynchburg Highway Lynchburg, VA 24502	Business Entity Branch Office	0411000832	02.29.2016
				5320 Peters Creek Road Roanoke, VA 24019	Business Entity Branch Office	0411000381	02.29.2016
NXL Construction Company, Inc.	03497427	Corporation	Active	114 E Cary Street Richmond, VA 23219	Business Entity Registration	0407003031	12.31.2015
				110 Wenn Drive Christiansburg, VA 24073	Business Entity Branch Office	0411001067	02.29.2016
Pulsar Advertising, Inc.	F1608555	Foreign Corporation	Active	N/A	N/A	N/A	N/A
Sabra, Wang & Associates, Inc.	F1343203	Foreign Corporation	Active	101 W Broad Street Falls Church, VA 22046	Business Entity Registration	0407005636	12.31.2015

## ATTACHMENT 3.2.10

State Project No. U000-118-259, R201, C501

### SCC and DPOR Information

SCC & DPOR INFORMATION FOR BUSINESSES (RFQ Sections 3.2.10.1 and 3.2.10.2)							
Business Name	SCC Information (3.2.10.1)			DPOR Information (3.2.10.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
Stantec Consulting Services, Inc.	F1493198	Foreign Corporation	Active	10800 Midlothian Turnpike, Suite 310 Richmond VA 23235	Real Estate Appraiser Board Business Registration	4008001770	03.31.2015
Thompson & Litton, Inc.	01314111	Corporation	Active	726 Auburn Avenue Radford, VA 24141	Business Entity Branch Office	0411000211	02.29.2016

DPOR INFORMATION FOR INDIVIDUALS (RFQ Sections 3.2.10.3 and 3.2.10.4)						
Business Name	Individual's Name	Office Location Where Professional Services will be Provided (City/State)	Individual's DPOR Address	DPOR Type	DPOR Registration Number	DPOR Expiration Date
Parsons Brinckerhoff, Inc.	Julie Perkoski	Virginia Beach, VA	4000 Monitor Drive Hampton, VA 23669	Professional Engineer	0402026174	06.30.2015
Parsons Brinckerhoff, Inc.	Derek Piper	Virginia Beach, VA	277 Bendix Road Virginia Beach, VA 23452	Professional Engineer	0402046886	12.31.2015

**Attachment 3.2.10.1:  
SCC Supporting Documentation**

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#### Court Services

#### Additional Services

#### General

SCC ID: 00689448  
 Entity Type: Corporation  
 Jurisdiction of Formation: VA  
 Date of Formation/Registration: 4/6/1954  
 Status: Active  
 Shares Authorized: 6000

#### Select an action

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#### Principal Office

615 CHURCH STREET  
 PO BOX P7000  
 LYNCHBURG VA24505

#### Registered Agent/Registered Office

JAMES P KENT JR  
 525 7TH STREET  
 ALTAVISTA VA 24517  
 CAMPBELL COUNTY 115  
 Status: Active  
 Effective Date: 3/15/2005

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#### Parsons Brinckerhoff, Inc.

SCC ID: F0501603  
 Business Entity Type: Foreign Corporation  
 Jurisdiction of Formation: NY  
 Date of Formation/Registration: 2/11/1986  
 Status: Active  
 Shares Authorized: 30000

#### Principal Office

ONE PENN PLAZA  
  
 NEW YORK NY 10119

#### Registered Agent/Registered Office

CT CORPORATION SYSTEM  
 4701 COX RD STE 301  
  
 GLEN ALLEN VA 23060-6802  
 HENRICO COUNTY 143  
 Status: Active  
 Effective Date: 1/5/2004

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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: T0490682  
 Entity Type: Foreign Limited Liability Company  
 Jurisdiction of Formation: WV  
 Date of Formation/Registration: 2/3/2012  
 Status: Active

#### Select an action

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#### Principal Office

3058 MOUNT VERNON RD  
 HURRICANE WV25526

#### Registered Agent/Registered Office

INCorp SERVICES INC  
 7288 HANOVER GREEN DR  
 MECHANICSVILLE VA 23111  
 HANOVER COUNTY 142  
 Status: Active  
 Effective Date: 2/3/2012

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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: T0501512  
 Entity Type: Foreign Limited Liability Company  
 Jurisdiction of Formation: SC  
 Date of Formation/Registration: 5/22/2012  
 Status: Active

#### Select an action

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#### Principal Office

2 RIDGEWAY AVE  
 GREENVILLE SC29607

#### Registered Agent/Registered Office

NATIONAL REGISTERED AGENTS INC  
 4701 COX ROAD, SUITE 285  
 GLEN ALLEN VA 23060  
 HENRICO COUNTY 143  
 Status: Active  
 Effective Date: 10/4/2013

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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: S1208216  
 Entity Type: Limited Liability Company  
 Jurisdiction of Formation: VA  
 Date of Formation/Registration: 4/16/2004  
 Status: Active

#### Select an action

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#### Principal Office

14026 THUNDERBOLT PL STE 100  
 CHANTILLY VA20151

#### Registered Agent/Registered Office

JAMES A ECKERT  
 14026 THUNDERBOLT PL STE 100  
 CHANTILLY VA 20151  
 FAIRFAX COUNTY 129  
 Status: Active  
 Effective Date: 4/16/2004

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### SCC eFile Business Entity Details



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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

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

#### Select an action

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#### Principal Office

114 E CARY STREET SUITE 200  
 RICHMOND VA23219

#### Registered Agent/Registered Office

NICOMEDES L DE LEON  
 9606 GEORGE'S BLUFF RD  
 RICHMOND VA 23229  
 HENRICO COUNTY 143  
 Status: Active  
 Effective Date: 10/8/1998

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##### SCC eFile

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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: F1608555  
 Entity Type: Foreign Corporation  
 Jurisdiction of Formation: NY  
 Date of Formation/Registration: 11/22/2004  
 Status: Active  
 Shares Authorized: 200

#### Select an action

- [File a registered agent change](#)
- [File a registered office address change](#)
- [Resign as registered agent](#)
- [File an annual report](#)
- [Pay annual registration fee](#)
- [Order a certificate of good standing](#)
- [View eFile transaction history](#)
- [Manage email notifications](#)

#### Principal Office

10940 WILSHIRE BLVD., SUITE 1050  
 LOS ANGELES CA90024

#### Registered Agent/Registered Office

CT CORPORATION SYSTEM  
 4701 COX ROAD, SUITE 285  
 GLEN ALLEN VA 23060  
 HENRICO COUNTY 143  
 Status: Active  
 Effective Date: 10/4/2013

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Screen ID: 01000

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### SCC eFile Business Entity Details



#### SABRA, WANG & ASSOCIATES, INC.

##### SCC eFile

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- [Certificate Verification](#)
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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: F1343203  
 Entity Type: Foreign Corporation  
 Jurisdiction of Formation: MD  
 Date of Formation/Registration: 6/30/1998  
 Status: Active  
 Shares Authorized: 5000

#### Select an action

- [File a registered agent change](#)
- [File a registered office address change](#)
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- [Pay annual registration fee](#)
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#### Principal Office

101 WEST BROAD STREET  
 SUITE 301  
 FALLS CHURCH VA22046

#### Registered Agent/Registered Office

RAYMOND H SUTTLE JR  
 701 TOWN CENTER DRIVE  
 SUITE 800  
 NEWPORT NEWS VA 23606  
 NEWPORT NEWS CITY 211  
 Status: Active

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### SCC eFile Business Entity Details



#### Stantec Consulting Services Inc.

##### SCC eFile

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##### Business Entities

##### UCC or Tax Liens

##### Court Services

##### Additional Services

#### General

SCC ID: F1493198  
 Entity Type: Foreign Corporation  
 Jurisdiction of Formation: NY  
 Date of Formation/Registration: 12/4/2001  
 Status: Active  
 Shares Authorized: 3250000

#### Select an action

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#### Principal Office

200, 10160 - 112 STREET  
 AB T5K 2L6  
 EDMONTON

#### Registered Agent/Registered Office

CORPORATION SERVICE COMPANY  
 Bank of America Center, 16th Floor  
 1111 East Main Street  
 RICHMOND VA 23219  
 RICHMOND CITY 216  
 Status: Active

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### SCC eFile Business Entity Details



#### THOMPSON & LITTON, INC.

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<b>Business Entities</b>
<b>UCC or Tax Liens</b>
<b>Court Services</b>
<b>Additional Services</b>

#### General

SCC ID: 01314111  
Entity Type: Corporation  
Jurisdiction of Formation: VA  
Date of Formation/Registration: 4/8/1971  
Status: Active  
Shares Authorized: 125000

#### Select an action

- [File a registered agent change](#)
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#### Principal Office

103 E MAIN STREET  
POB 1307  
WISE VA24293

#### Registered Agent/Registered Office

LEONARD D ROGERS  
401 BIRCHFIELD RD  
PO BOX 1097  
WISE VA 24293  
WISE COUNTY 197  
Status: Active

[New Search](#) [Home](#)

**Attachment 3.2.10.2:  
DPOR Supporting Documentation for Each Office**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
02-29-2016

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

NUMBER  
0411000137

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

PROFESSIONS: ENG, ARC

PARSONS BRINCKERHOFF INC  
277 BENDIX ROAD  
SUITE 300  
VIRGINIA BEACH, VA 23452



*Nick A. Christner*  
Nick A. Christner, Interim Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

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02-29-2016

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

NUMBER  
0411000832

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

BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG

ECS-MID-ATLANTIC LLC  
20436 LYNCHBURG HWY STE L  
LYNCHBURG, VA 24502



*Nick A. Christner*  
Nick A. Christner, Interim Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
02-29-2016

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

NUMBER  
0411000381

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

PROFESSIONS: ENG

ECS-MID-ATLANTIC LLC  
5320 PETERS CREEK RD STE F  
ROANOKE, VA 24019



*Nick A. Christner*  
Nick A. Christner, Interim Director

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COMMONWEALTH OF VIRGINIA  
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS,  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY BRANCH OFFICE REGISTRATION  
NUMBER: 0411000381 EXPIRES: 02-29-2016  
PROFESSIONS: ENG  
ECS-MID-ATLANTIC LLC  
5320 PETERS CREEK RD STE F  
ROANOKE, VA 24019



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9960 Mayland Dr., Suite 400, Richmond, VA 23233

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COMMONWEALTH OF VIRGINIA

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

NUMBER  
0411001067

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

PROFESSIONS: ENG

NXL CONSTRUCTION COMPANY INC  
110 WENN DRIVE  
CHRISTIANSBURG, VA 24073



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

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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



*Charles N. Dixon*  
Charles 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  
12-31-2015

NUMBER  
0407005636

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

PROFESSIONS: ENG

SABRA, WANG & ASSOCIATES, INC  
101 W BROAD ST  
SUITE 301  
FALLS CHURCH, VA 22046



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

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BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS  
AND LANDSCAPE ARCHITECTS  
BUSINESS ENTITY REGISTRATION  
NUMBER: 0407005636 EXPIRES: 12-31-2015  
PROFESSIONS: ENG  
SABRA, WANG & ASSOCIATES, INC  
101 W BROAD ST  
SUITE 301  
FALLS CHURCH, VA 22046



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

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Telephone: (804) 367-8500

NUMBER  
0411000211

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

PROFESSIONS: ARC, ENG, LS

THOMPSON & LITTON INC  
726 AUBURN AVE  
RADFORD, VA 24141



*Nick A. Christner*  
Nick A. Christner, Interim Director

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**Attachment 3.2.10.3:  
DPOR Supporting Documentation for Key Personnel**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

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06-30-2015

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Telephone: (804) 367-8500

NUMBER

0402026174

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

JULIANNE PERKOSKI  
4000 MONITOR DRIVE  
HAMPTON, VA 23669



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

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Telephone: (804) 367-8500

NUMBER  
0402046886

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

DEREK JOHN PIPER  
PB AMERICAS, INC.  
277 BENDIX ROAD  
SUITE 300  
VIRGINIA BEACH, VA 23452



*Geoffrey N. Dixon*  
Geoffrey N. Dixon, Director

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**Attachment 3.2.10.4:  
DPOR Supporting Documentation for  
Non-APELSCIDLA Regulated Services**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION  
COMMONWEALTH OF VIRGINIA

EXPIRES ON  
04-30-2016

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

NUMBER  
2701003331

BOARD FOR CONTRACTORS  
CLASS A CONTRACTOR  
\*CLASSIFICATIONS\* BLD H/H

W C ENGLISH INC  
PO BOX P-7000  
LYNCHBURG, VA 24505



*Nick A. Christner*  
Nick A. Christner, Interim Director

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EXPIRES ON  
04-30-2016

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

NUMBER  
4008001735

REAL ESTATE APPRAISER BOARD  
APPRAISAL BUSINESS REGISTRATION

APPRAISAL REVIEW SPECIALISTS LLC  
3058 MOUNT VERNON ROAD  
SUITE 12  
HURRICANE, WV 25523



*Nick A. Christner*  
Nick A. Christner, Interim Director

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COMMONWEALTH OF VIRGINIA  
REAL ESTATE APPRAISER BOARD  
APPRAISAL BUSINESS REGISTRATION  
NUMBER: 4008001735 EXPIRES: 04-30-2016

APPRAISAL REVIEW SPECIALISTS LLC  
3058 MOUNT VERNON ROAD  
SUITE 12  
HURRICANE, WV 25523



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COMMONWEALTH OF VIRGINIA

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

EXPIRES ON  
06-30-2016

NUMBER  
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REAL ESTATE APPRAISER BOARD  
APPRAISAL BUSINESS REGISTRATION

CRIDER BOUYE & ELLIOTT LLC  
2 RIDGEWAY AVE  
GREENVILLE, SC 29607



*Jay W. DeBoer*  
Jay W. DeBoer, Director

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COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

03-31-2015

NUMBER

4008 001770

REAL ESTATE APPRAISER BOARD  
BUSINESS REGISTRATION

STANTEC CONSULTING SERVICES INC  
10800 MIDLOTHIAN TURNPIKE SUITE 310  
NORTH CHESTERFIELD VA 23235



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

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COMMONWEALTH OF VIRGINIA

REAL ESTATE APPRAISER BOARD  
BUSINESS REGISTRATION  
NUMBER: 4008 001770 EXPIRES: 03-31-2015  
STANTEC CONSULTING SERVICES INC  
  
10800 MIDLOTHIAN TURNPIKE SUITE 310  
NORTH CHESTERFIELD VA 23235

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9960 Mayland Dr., Suite 400, Richmond, VA 23233

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**Attachment 3.3.1:  
Key Personnel Resume Forms**

**ATTACHMENT 3.3.1**  
**KEY PERSONNEL RESUME FORM**

<b>Brief Resume of Key Personnel anticipated for the Project.</b>		
a. Name & Title: <b>JUDSON DALTON, LEED-AP   Design-Build Project Manager</b>		
b. Project Assignment: <b>Design-Build Project Manager</b>		
c. Name of Firm with which you are now associated: <b>W.C. English Incorporated</b>		
<p>d. Years experience: With this Firm <u>13</u> Years With Other Firms <u>0</u> Years  Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p><b>W. C. English, Inc. , 2007 – Present.</b> Design-Build Project Manager &amp; Estimator: Jud’s responsibilities include managing the QA/QC program and all design, construction, utility relocations, right-of-way acquisitions, third-party coordination, and project scheduling as well as total contract administration for his projects. He is also responsible for estimating and budget controls for many other projects.</p> <p><b>W. C. English, Inc. , 2005 – 2006.</b> Assistant Project/Construction Manager: Jud’s responsibilities included: managing all construction activities; managing subcontractors; managing project schedule; coordinating the QC program; and contract administration. He was also the on-site point of contact for the Owner.</p> <p><b>W. C. English, Inc. , 2003 – 2004.</b> Assistant Construction Manager: Jud’s responsibilities included: managing all construction activities; managing subcontractors; managing project schedule; coordinating the QC program; and contract administration.</p> <p><b>W. C. English, Inc. , 2001 – 2002.</b> Foreman: Jud’s responsibilities included managing grading operations and subcontractors, and coordinating the QC program.</p>		
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Randolph Macon College, Ashland, Virginia / B.A. / 2001 / Business and Economics		
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2009 / LEED Certification / VA Registration #10382156; OSHA 10; Competent Person Training – Trench & Excavation; Confined Space-Coble Trench; Confined Space; CPR First Aid-7/15/2016; MSHA-Part 46 (New Miner); WZTC Training		
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> <li>Note your specific responsibilities and authorities for each project, not those of the firm.</li> <li>Note whether experience is with current firm or with other firm.</li> <li>Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.</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>		
<b>NORTH GAYTON ROAD, Henrico, Virginia</b>		
<b>Name of Firm:</b>	W.C. English, Inc.	<b>Project Role:</b> <b>Design-Build Project Manager</b>
<b>Beginning Date:</b>	2007 (Design), 2009 (Construction)	<b>End Date:</b> 2012
<p>As the Design-Build Project Manager, Jud oversaw the entire project design, construction, quality management, and contract administration for the project. He also coordinated with the client and local stakeholders. English was responsible for the overall project management of the North Gayton Road project, an estimated 2.10 mile stretch that continues across Pouncey Tract Road and terminates at the intersection of Shady Grove Road (North End) and Twin Hickory Drive (South End). The project involved the widening of the existing 2-lane facility to four lanes at both ends of the project. The 4-lane divided typical section required a closed drain system and called for shared use paths to provide a means for off-road transportation. <b>Construction for the project was complete in 2012.</b></p>		



**Specific Responsibilities:** Jud provided overall project management, including extensive construction engineering and inspection, QA/QC, and third party coordination/relations. He managed all right-of-way acquisition; oversaw the development/execution of the TMP; managed the design construction of retaining walls; managed the design and construction of a roadway on existing and new alignment; built and managed the project CPM schedule; managed the subcontractors, including signal installation; led all project progress meetings; coordinated and paid for all utility relocations; managed design and installation of temporary and permanent traffic control devices; managed hydraulic design and construction including stormwater management; managed geotechnical investigation and foundation design; oversaw the environmental assessment and permitting; managed personnel/equipment resources self-performing work; and planned events and communicated with the owner, inspectors, and engineers.

**Project Relevance:** Jud served as the Design-Build Project Manager for this design-build roadway widening project for VDOT. The project included maintenance of traffic, third-party coordination, right-of-way acquisition, utility relocations, a shared use path, and new and modified signal installation.

**2. COWAN BOULEVARD, City of Fredericksburg, Virginia**

<b>Name of Firm:</b> W.C. English, Inc.	<b>Project Role:</b> Assistant Construction Manager
<b>Beginning Date:</b> 2002	<b>End Date:</b> 2005

Jud assisted in oversight of all construction activities for this \$11 million project, which included the widening of a 2-lane roadway to a 4-lane divided highway through an urban corridor including a shared use path. Jud participated in the construction management for: the intersection of Central Park Boulevard and Carl D. Silver Parkway (project extension); construction of the bridge over I-95; and the widening of Cowan Boulevard from I-95 to Route 1 (new and existing alignment). Jud’s work included oversight of 194,000 CY of excavation, extensive traffic control and phasing, a large arch culvert with a pedestrian trail and bridge, and two signalized intersections. It also included replacing a 12-inch water line which paralleled the roadway. English, as the prime contractor, also had to work with an elementary school adjacent to the project to provide proper and safe access for the students, and Jud participated in this process. **Construction for the project was completed in 2005.**

**Specific Responsibilities:**

Jud planned and coordinated project progress meetings; supervised personnel/equipment usage for self-performed work, including grading and structure operations; scheduled and managed subcontractors; planned and coordinated with VDOT inspectors and engineers; and managed and implemented all traffic control in accordance with the phased Traffic Management Plan.

**Project Relevance:** This VDOT project included the widening of an existing 2-lane facility to a divided 4-lane facility. The project included maintenance of traffic, a shared use path, and new and modified signal installation.

**3. Route 895 Connector Design-Build, Henrico County, Virginia**

<b>Name of Firm:</b> W.C. English, Inc.	<b>Project Role:</b> Assistant Construction Mgr.	
<b>Beginning Date:</b> 1998	<b>End Date:</b> 2002	

Jud participated in the management of construction for this \$85 million project—the first PPTA project initiated in the Commonwealth of Virginia. While assisting with construction management and serving as foreman of a construction crew, Jud provided services for building eight miles of roadway (which had 10 major drainage structures); 3,200,000 cubic yards of grading; 450,000 tons of stone and asphalt; and 14 bridges with 1,260,000 square feet of MSE walls. He also provided these services for the rebuilding the interchange of Chippenham Parkway (Route 150) and I-95, which included the connection with the 895 connector and then continuing the 895 connector to the tie-in with Route 295. English was a subcontractor for FD/MK (prime). **Construction for the project was complete in 2002**

**Specific Responsibilities:**

Jud supervised personnel/equipment usage for self-performed work on heavy grading operation through new alignment; executed the TMP and all necessary traffic control to include all traffic control along I-295 (temporary and permanent); scheduled and assisted with inspectors and engineers; supervised the stormwater management facilities, specifically along I-295 at the new interchange; managed the installation and maintenance of all erosion control measures; and coordinated and managed subcontractors.

**Project Relevance:** This design-build project for VDOT included maintenance of traffic, improvements to the intersection of existing Laburnum Avenue and Route 5 and new and modified signal installation.

\* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

**ATTACHMENT 3.3.1**

**KEY PERSONNEL RESUME FORM**

<b>Brief Resume of Key Personnel anticipated for the Project.</b>	
a. Name & Title: <b>JULIE PERKOSKI, PE</b>   Lead Construction Engineer	
b. Project Assignment: <b>Quality Assurance Manager (QAM)</b>	
c. Name of Firm with which you are now associated: <b>Parsons Brinckerhoff, Inc.</b>	
<p>d. Years experience: With this Firm <u>21</u> Years With Other Firms <u>8</u> Years                  Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p><b>Parsons Brinckerhoff, 1993-Present.</b> Julie serves as Quality Assurance Manager (QAM), providing quality assurance services for various VDOT DB projects. Julie has nearly 30 years of construction oversight experience and has provided quality assurance services for various VDOT DB projects. She is thoroughly familiar with VDOT <i>Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012</i>. Julie has served as QAM on three VDOT design-build projects: the I-295/Meadowville Road Interchange Improvements, Virginia Capital Trail (Sherwood Forest Phase), and the I-66 Advanced Traffic Management System (ATMS). Additionally, in 2013, she served as Acting Area Construction Engineer in the Richmond District South Area. She also has experience as a Project Lead Construction Engineer, providing construction management and design services for numerous highway, military, governmental, recreational, and residential facilities. <b>Julie is a registered, licensed Professional Engineer in the Commonwealth of Virginia.</b></p>	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Pennsylvania State University, University Park, PA / B.A.E. / 1985 / Architectural Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1995 / <b>Professional Engineer</b> / VA #0402027950 <b>Virginia DCR Erosion &amp; Sediment Control Contractor Certification #2752</b> (Expiration 11.30.2015)	
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> <li>Note your specific responsibilities and authorities for each project, not those of the firm.</li> <li>Note whether experience is with current firm or with other firm.</li> <li>Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.</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>	
<b>1. I-295 MEADOWVILLE INTERCHANGE, Chesterfield County, Virginia</b>	
<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> QA Manager (QAM)
<b>Beginning Date:</b> October 2010	<b>End Date:</b> April 2012
<p><b>Specific Responsibilities:</b> Julie was the Quality Assurance Manager (QAM) for the Meadowville Road Interchange project which included the design and construction of the new diamond interchange at Interstate 295 and Meadowville Road in Chesterfield County. Julie's responsibilities included: the development of the QA/QC Manual; managing daily quality assurance operations; monitoring and reviewing inspection diaries; ensuring material testing was performed in accordance with the project specifications; and working with the contractor, engineer, and VDOT to resolve construction issues. <b>Construction for the project was complete in 2012.</b></p> <p><b>Project Relevance:</b> Julie served as the QAM for this project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to Greenview Drive Widening project including: roadway widening, stormwater management, and utility relocation. The project was a DB project for VDOT.</p>	
<b>2. I-66 ADVANCED TRAFFIC MANAGEMENT SYSTEM, Arlington/Fairfax Counties, Virginia</b>	
<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> QA Manager (QAM)
<b>Beginning Date:</b> January 2013	<b>End Date:</b> December 2014
<p><b>Specific Responsibilities:</b> The \$34 million project installed integrated systems along I-66 from the DC/VA border to Gainesville, including lane usage signals, dynamic message signs, temporary shoulder use, variable speed limit displays, queue warning and emergency pull off areas equipped with surveillance and communication tools. As QAM, Julie has been responsible for the overall administration of the project QA Plan. <b>Construction for the project is anticipated to be complete in 2014.</b> Julie will be available for this project in 2015.</p>	

**Project Relevance:** Julie is serving as the QAM for this VDOT DB project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to the Greenview Drive Widening project including: roadway widening, MOT, utility relocations, day and night operations, coordination with DB manager and VDOT project manager, project documentation, foundations, project material certifications and ITS installations.

**3. VDOT I-295/I-64 INTERCHANGE CONSTRUCTION MANAGEMENT, Richmond, Virginia**

<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> QA/QC Manager
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<b>Beginning Date:</b> July 2009	<b>End Date:</b> January 2010
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**Specific Responsibilities:** Julie was responsible for the final audit of VDOT project records, finalizing the project records and assisting VDOT's consultant in the review of the final project estimate. **Construction for the project was complete in 2010.**

**Project Relevance:** Julie served as the final records QA/QC Manager, a role that is similar to the proposed role for this project. This project involved roadway widening.

**4. VDOT PINNER'S POINT INTELLIGENT TRANSPORTATION SYSTEM (ITS), Portsmouth, Virginia**

<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Resident Engineer
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<b>Beginning Date:</b> October 2002	<b>End Date:</b> May 2007
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**Specific Responsibilities:** Julie served as the Resident Engineer responsible for managing the CE&I services provided to VDOT for the traffic management system portion of the project. Her duties included reviewing contractor's shop drawing submittals, resolution of conflicts, assisting VDOT with management of the project, coordination between the hardware and software contracts and tabulation of the contractor's pay quantities. **Construction for the project was complete in 2007.**

**Project Relevance:** As Resident Engineer for the traffic management system portion of this project, Julie was responsible for and coordinated many of the same items as a QAM on a DB project including: utility relocations and installations, managing project documentation, managing project materials, freeway MOT, overhead sign installations, foundations and ITS installations.

\* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

## ATTACHMENT 3.3.1

### KEY PERSONNEL RESUME FORM

<b>Brief Resume of Key Personnel anticipated for the Project.</b>	
a. Name & Title: <b>DEREK PIPER, PE, AICP</b>   Senior Supervising Project Manager	
b. Project Assignment: <b>Design Manager</b>   Design QA/QC Manager	
c. Name of Firm with which you are now associated: <b>Parsons Brinckerhoff, Inc.</b>	
d. Years experience: With this Firm <u>18</u> Years With Other Firms <u>11</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): <b>Parsons Brinckerhoff, 1999-Present.</b> Derek's technical specialties include program/project management, highway and intersection design, stormwater management plan development, permitting, environmental documentation, and utility design. His responsibilities as a Project Manager have included coordinating the individual design disciplines and ensuring overall project design is in conformance with contract documents and delivered on time and within budget. He has specific expertise in managing arterial roadway widening projects involving right-of-way acquisition, environmental permitting, complex maintenance of traffic phasing/staging, and utility relocations. He is responsible for conducting quality reviews for all deliverables and ensuring client satisfaction.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Pittsburgh, Pittsburgh, PA / B.S. / 1985 / Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1990 / <b>Professional Engineer</b> / PA # PE-039967-E; 1999 / <b>Professional Engineer</b> / SC #20046; 2000 / <b>Professional Engineer</b> / VA #0402046886; 2000 / <b>Certified Planner</b> / #017279	
g. Document the extent and depth of your experience and qualifications relevant to the Project. <ol style="list-style-type: none"><li>1. Note your specific responsibilities and authorities for each project, not those of the firm.</li><li>2. Note whether experience is with current firm or with other firm.</li><li>3. Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.</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>	
<b>1. SC 602 PLATT SPRINGS ROAD, Lexington County, South Carolina</b>	
<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Design Project Manager
<b>Beginning Date:</b> August 1999	<b>End Date:</b> October 2002
<b>Specific Responsibilities:</b> Derek served as the Design Project Manager overseeing development of right-of-way and construction plans for this \$30 million, 5.5-mile suburban widening project. The project involved widening an existing 2-lane roadway to a 5-lane roadway and included: new 2-span bridge over I-26 constructed with staged construction; railroad coordination for widening an existing at-grade crossing; nearly 200 property acquisitions, significant utility relocations, and numerous stormwater management ponds. <b>Construction for the project was complete in 2006.</b>	
<b>Project Relevance:</b> Derek served as the Design Project Manager for this project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to the Greenview Drive Widening project including: significant roadway widening project with maintenance of traffic for high traffic volumes; design of stormwater ponds/basins; environmental permitting, and right-of-way and utility coordination.	
<b>2. SC 6 and SC 60 WIDENING, Lexington County, South Carolina</b>	
<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Design Project Manager
<b>Beginning Date:</b> January 2001	<b>End Date:</b> October 2004
<b>Specific Responsibilities:</b> Derek served as the Design Project Manager overseeing development of right-of-way and construction plans for this \$60 million, 7.5-mile suburban widening project. The project involved widening an existing 2-lane roadway to a 5-lane roadway and included one widened bridge structure, one new 5-lane, 560-ft. bridge structure, and 1.5 miles of new northbound lanes constructed on an existing earthen dam. The project also included over 250 property acquisitions, significant utility relocations, and numerous stormwater management ponds. <b>Construction for the project was complete in 2008.</b>	

**Project Relevance:** Derek served as the Design Manager for this project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to the Greenview Drive Widening project including: significant roadway widening project with MOT with staged construction; design of stormwater ponds/basins; design of aesthetic treatments; environmental permitting, and right-of-way and utility coordination.

### 3. TWO NOTCH ROAD IMPROVEMENTS, Columbia, South Carolina

<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Design Manager
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<b>Beginning Date:</b> August 2009	<b>End Date:</b> November 2011
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**Specific Responsibilities:** Derek served as Design Manager for planned improvements to this 1.8-mile urban gateway corridor. The project included traffic capacity and safety and streetscape improvements, drainage system improvements, traffic signals (with interconnects), and substantial utility relocation coordination. The project included an environmental assessment prepared under Derek’s direction and decorative lighting, street trees, and aesthetic treatments. **Construction for the project is complete.**

**Project Relevance:** Derek served as the Design Manager for this project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to the Greenview Drive Widening project including: significant roadway widening project with MOT; design of stormwater ponds/basins; design of aesthetic treatments; environmental permitting and utility coordination.

### 4. I-264 WIDENING/INTERCHANGE AND MLK EXTENSION (DB), Portsmouth, Virginia

<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Design Manager	
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<b>Beginning Date:</b> May 2009	<b>End Date:</b> June 2013
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**Specific Responsibilities:** Derek served as the Design Manager for over \$200 million worth of improvements to I-264 and the MLK Extension. Specific scope elements included: widening of I-264 to accommodate the new interchange, widening of two interstate bridges; the elevated multi-lane MLK Extension (a controlled access facility) over CSX’s Portsmouth Yard; 11 stormwater ponds/basins (including significant aesthetic treatments to two); three noise barriers; eight new bridges; 18 retaining walls; significant overhead highway signage; landscaping and aesthetic treatments; ITS system replacement/upgrades along I-264; and new ITS systems along the MLK Extension. Derek managed the design effort associated with delivering final roadway, structure & bridge, and maintenance of traffic plans; managed environmental and stormwater permitting, preparation of the Noise Abatement Design Report (NADR), aesthetic treatments design, utility coordination and utility relocation design; and coordinated design and right-of-way issues with the Contractor and VDOT. Derek was responsible for ensuring the project design was in conformance with the contract documents. He established and oversaw a QA/QC program for the disciplines involved in the design of the project, including review of the design, working plans, shop drawings, specifications and constructability for the project. **The design for this project is complete. Construction is estimated to be complete in 2017.** Parsons Brinckerhoff is currently providing design support during construction, including shop drawing reviews, preparing responses to RFIs, and As-Built documentation.

**Project Relevance:** Derek served as the Design Manager for this project, the same role as proposed for the Greenview Drive Widening project. This project has several similarities to the Greenview Drive Widening project including: roadway widening, maintenance of traffic for high traffic volumes on interstate; design of stormwater ponds/basins; design of landscaping and aesthetic treatments; preparation of the NADR, design of interstate pavement markings, signage, and ITS elements; design of interstate bridge widening; and utility coordination. The project was a DB project, delivered under a PPTA agreement for VDOT in Hampton Roads.

### 5. US 17 (DOMINION BOULEVARD) WIDENING, Chesapeake, Virginia

<b>Name of Firm:</b> Parsons Brinckerhoff	<b>Project Role:</b> Design QA/QC
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<b>Beginning Date:</b> July 2009	<b>End Date:</b> January 2014
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**Specific Responsibilities:** **Derek performed QA/QC of roadway plans** for this \$188 million improvement to Dominion Boulevard. He provided formal review of the civil plans, including roadway, stormwater, maintenance of traffic and utility relocations. Derek coordinated plan reviews with various discipline leads and provided constructability comments to improve traffic control and reduce property impacts. The project involved roadway widening under heavy traffic volumes to convert an existing 2-lane suburban roadway into a 4-lane limited access facility with grade separated interchanges throughout the project limits. The project design included a phased TMP/MOT plan to construct grade separated interchanges while maintaining existing traffic flows at the major intersections with Dominion Boulevard. The project included six new stormwater management facilities; modifications to both lengthen and convert an existing twin-cell box culvert to a triple-cell box culvert; stream modifications; 120,000 sf of MSE wall at 20 locations; noise barriers; landscaping; and significant utility relocations. **The design for this project is complete.** Construction is currently underway with expected completion in 2017.

**Project Relevance:** Derek provided design QA/QC for the Roadway Plans package. Relevant scope items include: widening of this controlled-access roadway; significant stormwater management ponds/basins; MOT with staged construction; utility coordination; right-of-way acquisition; and, environmental permitting.

\* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

**ATTACHMENT 3.3.1**  
**KEY PERSONNEL RESUME FORM**

<b>Brief Resume of Key Personnel anticipated for the Project.</b>	
a. Name & Title: <b>DAVID SCOTT</b>   Project Superintendent	
b. Project Assignment: <b>Construction Manager</b>	
c. Name of Firm with which you are now associated: <b>W.C. English Incorporated</b>	
<p>d. Years experience: With this Firm <u>29</u> Years With Other Firms <u>11</u> Years  Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p><b>W. C. English, Inc. , 1997 – Present.</b> Construction Manager: David’s role includes being on site for all projects in which he participates. He also manages construction operations and processes, E&amp;S installation and maintenance, oversees all MOT operations, subcontractors, and project schedules, and manages and coordinates the QC program.</p>	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:	
<p>f. Active Registration: Year First Registered/ Discipline/VA Registration #:</p> <p><b>As permitted in the Request for Qualifications, David will obtain a Virginia Department of Environmental Quality (DEQ) Responsible Land Disturber (RLD) Certification and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC) prior to the commencement of construction.</b></p> <p>Competent Person Training – Trench &amp; Excavation, Confined Space, CPR/FirstAid-10-2015, E&amp;S Stormwater Level II- NCDOT, MSHA General Mineral Miner, OSHA 10 hour, OSHA 10 hour</p>	
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> <li>Note your specific responsibilities and authorities for each project, not those of the firm.</li> <li>Note whether experience is with current firm or with other firm.</li> <li>Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.</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>	
<b>1. NORTH GAYTON ROAD, Henrico, Virginia</b>	
<b>Name of Firm:</b> W.C. English, Inc.	<b>Project Role:</b> <b>Construction Manager</b>
<b>Beginning Date:</b> 2007 (Design), 2009 (Construction)	<b>End Date:</b> 2012
	
<p>As one of the Construction Managers on site, David oversaw the all construction operations, quality control activities, the installation and maintenance for all E&amp;S activities, and implemented and maintained all MOT controls. English was responsible for the overall project management of the North Gayton Road project, an estimated 2.10 mile stretch that continues across Pouncey Tract Road and terminates at the intersection of Shady Grove Road (North End) and Twin Hickory Drive (South End). The project involved the widening of the existing 2-lane facility to 4 lanes at both ends of the project. The 4-lane divided typical section required a closed drain system and called for shared use paths to provide a means for off road transportation. <b>Construction for the project was complete in 2012.</b></p> <p><b>Specific Responsibilities:</b> David managed all self- performed grading operations, including pipe and arch culvert installation; installed and maintained all E&amp;S; implemented all MOT; scheduled and coordinated subcontractors; coordinated with QC activities; and communicated directly with the DBPM, Jud Dalton.</p> <p><b>Project Relevance:</b> David served as the one of the Construction Managers, the same role as proposed for the Greenview Drive Widening project. This design-build project for VDOT included roadway widening, MOT, third-party coordination, right-of-way acquisition, utility relocations, a shared use path, and new and modified signal installation.</p>	

2. I-64/295 FLYOVER INTERCHANGE, Henrico County, Virginia		
<b>Name of Firm:</b>	W.C. English, Inc.	<b>Project Role:</b> Construction Manager
<b>Beginning Date:</b>	2006	<b>End Date:</b> 2009
<p>As one of the Construction Managers, David supervised personnel/equipment usage, coordinated subcontractors, planned/coordinated project progress meetings, and planned events with DOT inspectors and engineers. This project consisted of the reconstruction of the I-64/295 interchange in Henrico County. The 2.52 mile project involved a 2-lane flyover ramp for traffic movement from Eastbound I-64 to Eastbound I-295. It also relocated and widened the ramp from Westbound I-295 to Westbound I-64; widened I-64 to the East and West of I-295; and widened a section of Pouncey Tract Road.</p> <p><b>Specific Responsibilities:</b> David managed all self-performed grading operations; installed and maintained all E&amp;S; implemented all MOT; scheduled and coordinated subcontractors; and coordinated with QC activities.</p> <p><b>Project Relevance:</b> David served as one of the Construction Managers, the same role as proposed for the Greenview Drive Widening project. The project included the widening of existing Pouncey Tract Road with extensive phasing and traffic control.</p>		
3. ROUTE 895 CONNECTOR DESIGN-BUILD, Henrico County, Virginia		
<b>Name of Firm:</b>	W.C. English, Inc.	<b>Project Role:</b> Construction Mgr.
<b>Beginning Date:</b>	1998	<b>End Date:</b> 2002
		
<p>As one of the Construction Managers, David supervised personnel/equipment usage for self-performed work and coordinated with subcontractors. W. C. English was a subcontractor for FD/MK who was the prime contractor for VDOT. This was the first PPTA project initiated in the Commonwealth of Virginia and had a very aggressive schedule. English's work consisted of building eight miles of roadway which had 10 major drainage structures, 3,200,000 CY of grading, 450,000 tons of stone and asphalt, and 14 bridges with 1,260,000 SF of MSE Walls. English was responsible for rebuilding the interchange of Chippenham Parkway (Route 150) and I-95 to include the connection with the 895 connector, and then continuing the 895 connector to the tie-in with Route 295. <b>Construction for the project was complete in 2002.</b></p> <p><b>Specific Responsibilities:</b> David managed all self-performed grading operations; installed and maintained all E&amp;S; implemented all MOT; scheduled and coordinated subcontractors; and coordinated with QC activities.</p> <p><b>Project Relevance:</b> This DB project for VDOT included MOT, improvements to the intersection of existing Laburnum Avenue, and Route 5 and new and modified signal installation.</p>		
* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.		
h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment.		
Project	Role	Anticipated Duration
US 29 Bus. (Freeway Drive), Rockingham County, NC	Construction Manager	November 1, 2015
*David is available to be transitioned from this to Greenview Drive at onset of the project.		

# **Attachment 3.4.1: Work History Forms**

**ATTACHMENT 3.4.1(a)**  
**LEAD CONTRACTOR - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
 Name: <b>North Gayton Road</b> Location: <i>Henrico County, VA</i>	Name: EarthTech/AECOM	Name of Client / Owner: County of Henrico Phone: (804) 501-5985 Project Manager: Rob Tieman Phone: (804) 501-5985 Email: tie@co.henrico.va.us	April 2012	December 2012 (Final date change requested/design changes and aesthetic improvements requested and approved by Owner)	\$38,600	\$38,300 (cost savings provided by English at the Owner's request)	\$21,700

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



English was responsible for the overall project management of the North Gayton Road Design-Build project, an estimated 2.10 mile stretch that continues across Pouncey Tract Road and terminates at the intersection of Shady Grove Road (North End) and Twin Hickory Drive (South End). The project involved the widening of the existing 2-lane facility to 4-lanes at both ends of the project. The 4-lane divided typical section required a closed drain system and called for a shared use path to provide additional means for pedestrian and bicycle transportation.

This project encompassed design, environmental, permitting, a traffic management plan, Right-of-Way acquisition, coordination and construction of private/public utility relocations, quality assurance/quality control, and public involvement/relationships. An extensive traffic management plan was required for traffic control and phasing to construct the widening of Shady Grove Road.

Highlights and challenges to this project included a detailed MOT plan to accommodate construction. The MOT plan not only had to accommodate the existing thru traffic but also countless private residential and church entrances due to existing development throughout the project footprint.

Private utility relocations presented a variety of challenges, as relocation of nearly a mile of overhead Dominion power lines, Comcast and Verizon lines, and City of Richmond Gas necessitated synchronization with construction and scheduling, totaling in value of over \$1M. Construction work had to be performed to accommodate the relocations, and in some cases, had to be performed while the relocations were taking place.

With over 70 parcels of right-of-way acquisition, the Design-Build team's involvement was critical. English participated in all public meetings for the project as well as meetings with individual property owner throughout the duration of the project. English's greatest challenge was prioritizing acquisition to coincide with construction phasing. The use and management of a detailed CMP schedule that included activities for each parcel was key to the success and delivery of the project.

**SIMILARITIES TO THIS PROJECT:**

- ✓ Design-build
- ✓ Judson Dalton served as the DBPM
- ✓ David Scott served as the CM
- ✓ Roadway widening: 2 to 4-lane divided facility
- ✓ Extensive and complicated maintenance of traffic
- ✓ Third-party coordination
- ✓ Right-of-way acquisition
- ✓ Significant utility conflicts and coordination (public/private)
- ✓ Shared use path
- ✓ New and modified traffic signals

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

**ATTACHMENT 3.4.1(a)**  
**LEAD CONTRACTOR - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: <b>Route 221</b> Location: <i>Bedford, VA</i>	Name: VDOT	Name of Client / Owner: VDOT Phone: (540) 387-5353 Project Manager: Jeff Echols Phone: (540) 387-5353 Email: jeff.echols@vdot.virginia.gov	July 2009	November 2010 (final date change due to additional stormwater components added to the plan, Owner requested approved change orders)	\$15,000	\$16,900 (final value change due to additional stormwater components added to the plan, Owner requested approved change orders)	\$9,400

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



English completed the widening and improvements to Route 221 in Bedford for approximately 2.6 miles. The project widened a divided 2-lane highway to 4-lanes with a bi-directional center turn lane. The construction also included the upgrade of two very congested intersections at both Rte. 221 / Rte. 811(Thomas Jefferson Rd.) and Rte. 221 / Rte. 663 (Perrowville Rd.) Three new signals were also installed with this project. The project also included box culvert construction with temporary shoring to accommodate the existing traffic and elevation changes, curb and gutter, stormwater management, public utility relocation and coordination (water & sewer). The project entailed approximately 3.5 miles of piping and more than 130 drainage structures.

The phased MOT plan included both temporary and permanent phased widening to accommodate the existing traffic to include countless private, business, residential and church entrances. All aspects of the project were affected by the phased approach MOT, including the storm drain, box culvert construction, and the public utility work (water & sewer). Shutdowns and tie-ins for the both the water and sewer had to be scheduled in a manner as to not impact the active use of the local businesses and residents resulting in a great deal of night work to accomplish these tasks.



**SIMILARITIES TO THIS PROJECT:**

- ✓ Judson Dalton served as Assistant Project Manager
- ✓ Similar project value
- ✓ Roadway widening: 2 to 4-lane divided facility
- ✓ Extensive and complicated maintenance of traffic
- ✓ Significant utility conflicts and coordination (public/private)
- ✓ Extensive storm drainage
- ✓ Public Utility relocation
- ✓ Third-party coordination (traffic signals)
- ✓ Urban setting

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

**ATTACHMENT 3.4.1(a)**  
**LEAD CONTRACTOR - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: <b>Cowan Boulevard</b> Location: <i>Fredericksburg, VA</i>	Name: VDOT	Name of Client / Owner: VDOT Phone: (804) 814-5782 Project Manager: Robert Shackelford Phone: (804) 814-5782 Email: rshackelford@wrallp.com	October 2005	April 2006 (final date change due to added grading work, plan grading summary was incorrect, changes approved by Owner)	\$10,600	\$11,00 (final cost increase due to added grading work, plan grading summary was incorrect, changes approved by Owner)	\$5,800

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



English provided construction activities for this \$11 million project, which extended the existing 2-lane roadway in both directions and widened the existing facility to a 4-lane divided highway through an urban corridor. With a shared use path and connecting to Jefferson Davis Highway (U.S. 1 Bypass) to the east and Carl D. Silver Parkway to the west, existing lanes were widened to a 4-lane divided facility. Components of this project included the intersection of Central Park Boulevard and Carl D. Silver Parkway (project extension); the median of I-95 and construction of a bridge over I-95 and; and new alignment and widening of existing alignment at Cowan Boulevard from I-95 to Route 1. The project also included oversight of 194,000 CY of excavation, extensive traffic control and phasing, a large arch culvert with a pedestrian trail and bridge, and two signalized intersections. A 12-inch water line which paralleled the roadway was replaced. This project required that English work with an elementary school adjacent to the project to provide proper and safe access for the students.

**SIMILARITIES TO THIS PROJECT:**

- ✓ Judson Dalton served as the Assistant CM
- ✓ Similar project value
- ✓ Roadway widening: 2 to 4-lane divided facility
- ✓ Extensive and complicated maintenance of traffic
- ✓ Heavy excavation
- ✓ Third-party coordination
- ✓ Right-of-way acquisition
- ✓ Significant utility conflicts and coordination (public)
- ✓ Public relations/public involvement
- ✓ Shared use path
- ✓ New and modified traffic signals

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

**ATTACHMENT 3.4.1(b)**  
**LEAD CONTRACTOR - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
 Name: <b>I-295/Meadowville Road Widening and Interchange Improvements</b> Location: <i>Chesterfield, VA</i>	Name: Curtis Contracting, Inc.	Name of Client / Owner: VDOT Phone: (804) 674-2800 Project Manager: Jeff Roby Phone: (804) 674-2800 Email: jeffrey.robby@vdot.virginia.gov	December 2011	October 2011	\$11,715	\$11,820 (overage due to additional concrete pavement replacement requested by Owner)	\$994

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. **This project was managed and executed from Parsons Brinckerhoff's Virginia Beach office.**



As Lead Designer for this DB project, Parsons Brinckerhoff designed a new interchange and the widening of Meadowville Road and Interstate 295 in Chesterfield, VA. The project included 1.1 miles of widening to Meadowville Road to a four lane facility from North Kingston Ave. to Meadowville Lane. The half mile section from North Kingston Avenue to the bridge over I-295 is a four-lane divided section with a raised median, that is similar to the typical section of Greeview Drive. The widening of Meadowville Road also included intersection improvements to North Kingston Avenue with the addition of turn lanes to increase capacity. Two Signalized intersection were also included along Meadowville Road at the interchange ramp termini.

The improvements to Meadowville Road required significant amounts of utility coordination and relocation, similar to that of the Greenview Drive Project. Both Dominion Power and Verizon were present in the corridor and the Project required them to relocate. Dominion had a overhead high power facility that ran parallel to Meadowville Road that was in conflict with the interchange ramps. Similarly, Verizon also had a fiber optic facility parallel to Meadowville Road. Both utility providers served the Top Secret facilities at Northrop Grumman, which required implementation of measures to insure that power and communications were not interrupted to this facility at anytime. As a 30-inch waterline owned by Chesterfield County also ran parallel to Meadowville Road, redesign of the Meadowville Road improvements was necessary to mitigate relocation of this line. The only impact to the 30-inch water line was concrete encasement due to minimum cover requirements.

Parsons Brinckerhoff provided a full range of design services that developed initial "approved for construction" documents within three months from Notice to Proceed. Parsons Brinckerhoff developed an early construction package that included erosion and sediment control plans, the design of major drainage structures, and geotechnical investigations to advance rough grading activities. This allowed the contractor to expedite construction activities while the final design documents were completed. The early construction package was also used to coordinate with the public and private utility providers that ultimately lead to undergrounding a high voltage power line and fiber optic cable, as well as the encasement of a 30" water line. The early construction package was used to commence the permit process with the Department of Environmental Quality and the U.S. Army Corps of Engineers for the stream and wetland impacts associated with the project.

The Quality Assurance Team was led by Parsons Brinckerhoff. The QAM and team provided inspection and testing to assess construction processes relative to the applicable standards and specifications. The QAM & staff performed independent control testing in accordance with the VDOT approved QA/QC Plan which was based on VDOT's "Minimum Quality Control and Quality Assurance requirements for Design-Build & Public Private Transportation Act Projects" dated August, 2007 (Guidelines). PB provided feedback to the Project Manager to assure all QA/QC inspections and testing of materials and in-place construction was performed according to plans, all project documentation was performed and submitted and verified that all design and construction adhered to the contract before any payment was approved. PB QAM had the written authority to stop or hold work.

**SIMILAR SCOPE ELEMENTS:**

✓ roadway widening	✓ survey
✓ geotechnical	✓ environmental
✓ traffic control	✓ hydraulics/SWM
✓ utilities	✓ TMPs
✓ public involvement	✓ right-of-way
✓ QA/QC	✓ landscaping
	✓ project management

**PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT**

**Michelle Martin:** Design Manager  
**Julie Perkoski:** QAM  
**Derek Piper:** QA Review  
**Melissa Pritchard:** Lead Hydraulics Engineer  
**Tim Rayner:** Lead Traffic Engineer

**NOTABLE FEATURES:**

This project not only received high praise and appreciation from VDOT, but has also been recognized numerous times in the transportation industry. The first opportunity was when the Governor chose the project site to sign a \$3B transportation funding package, the largest allocation to transportation in Virginia in the last 20 years. The second was when the project was selected as one of five in the Commonwealth of Virginia to be presented at the 2011 Governor's Transportation Conference for its unique influence by Chesterfield County and the successful implementation. Finally, this project was recognized with a Merit Award at the 2013 Design Build Institute of America (DBIA) National Conference.

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

**ATTACHMENT 3.4.1(b)**  
**LEAD DESIGNER - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: <b>US 17 (Dominion Boulevard) Widening</b> Location: <i>Chesapeake, VA</i>	Name: Dominion Boulevard Constructors, Joint Venture (a Joint Venture of McLean Construction, R.R. Dawson, E.V. Williams, and Bryant Construction)	Name of Client: City of Chesapeake Phone: (757) 382-6101 Project Manager: Kevin Lundgren Phone: (757) 382-6383 Email: klundgren@cityofchesapeake.net	April 2017 (design is complete)	Estimated February 2017 (early delivery)	\$188,000	\$194,400 (Overage due to Owner-directed change orders)	\$12,604

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the **prime designer** or a subconsultant. **This project was managed and executed from Parsons Brinckerhoff's Virginia Beach office.**



Parsons Brinckerhoff delivered final construction plans for the widening and improvements to US 17 (Dominion Boulevard) using VDOT's Concurrent Engineering Process and meeting VDOT/FHWA standards. The firm is currently providing design support during construction, including shop drawing reviews, preparing responses to RFIs, and As-Built documentation.

The project involved roadway widening under heavy traffic volumes to convert an existing two-lane suburban roadway into a four-lane limited access facility with grade separated interchanges throughout the project limits. The project design included a phased TMP/MOT plan to construct grade separated interchanges while maintaining existing traffic flows at the major intersections with Dominion Boulevard. The project included six new stormwater management facilities; modifications to both lengthen and convert an existing twin-cell box culvert to a triple-cell box culvert; stream modifications; 120,000 sf of MSE wall at 20 locations; noise barriers; landscaping; and significant utility relocations. The project also involved replacement of the existing bascule bridge over the Atlantic Intracoastal Waterway (AIW) with a mile-long, high-level, fixed span providing 95 ft of vertical clearance, and grade separated bridges carrying Dominion Boulevard over Cedar Road; Dominion Boulevard over Great Bridge Boulevard; and Bainbridge Boulevard over Dominion Boulevard. Modifications to existing structures were also required to accommodate widening of ramps passing under existing bridges at the Oak Grove Interchange.

The project design involved development of the roadway plans package to include a detailed and specific construction sequence and maintenance of traffic plan for the project in order to maintain traffic on existing Dominion Boulevard during construction. The northbound

lanes and 1-mile structure over the AIW is being constructed as an initial phase and will carry Dominion Boulevard traffic while the new southbound bridge and widening is constructed, generally on existing alignment. The plan includes several stages of construction involving maintenance of roadway traffic as well as coordination with marine traffic on the AIW. Maintenance of traffic activities included the design of temporary traffic devices as well as the coordination of the installation of permanent traffic devices during the various phases of construction in order to facilitate the most effective traffic flow. Traffic devices included in this coordination include all temporary and permanent signal equipment, variable message signs, overhead sign structures, ground mounted signs, and pavement markings. Each phase of construction was modeled using Synchro software in order to assess the effects of each phase of construction and document such. The project involved a completely new signage system due to the conversion to a four-lane limited access facility with 14 new overhead sign structures and detailed foundation designs for each. The Final NADR included requirements for relocating / modifying on existing noise barrier and constructing one new noise barrier. The project included wetlands permitting and mitigation and stream modifications permitting.

As the **Prime Designer**, Parsons Brinckerhoff performed major components of the design effort including: roadway widening and bridge design; TMP/MOT plans; stormwater management design; utility coordination and relocation; preparation of the Noise Abatement Design Report (NADR); ITS design; signing & pavement marking plans; and environmental permitting (including wetlands impacts and mitigation, and stream modifications).

**SIMILAR SCOPE ELEMENTS:**

✓ roadway widening	✓ survey
✓ geotechnical	✓ environmental
✓ traffic control	✓ hydraulics/SWM
✓ noise walls	✓ TMPs
✓ utilities	✓ right-of-way
✓ public involvement	✓ landscaping
✓ QA/QC	✓ project management

**PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT**

**Michelle Martin:** Roadway Engineer  
**Julie Perkoski:** Bid Item Review, Constructability Review  
**Derek Piper:** Design QA  
**Melissa Pritchard:** Lead Hydraulics Engineer  
**Tim Rayner:** Lead Traffic Engineer

**LESSONS LEARNED:**

One of the key lessons learned from the Dominion Boulevard Widening project is the importance of having a well-coordinated sequence of construction to minimize impacts to the public. The team developed a Transportation Management Plan that evaluated the impacts to traffic during each phase of construction. In addition, we prepared a Contract Time Determination Report to establish the time needed to complete construction. Through this process, the team determined that the additional cost of upgrading a parallel route (which would serve as a detour for a portion of the construction) was more than offset by the savings that were realized by shortening construction. The detour route allowed for a major portion of the project to be constructed unimpeded and provided a safe, reliable alternative for the travelling public.

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

**ATTACHMENT 3.4.1(b)**  
**LEAD DESIGNER - WORK HISTORY FORM**  
**(LIMIT 1 PAGE PER PROJECT)**

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: <b>US Route 1 Widening, Neabsco Mills Road to Featherstone Road</b> Location: <i>Prince William County, VA</i>	Name: Lane Construction Company	Name of Client: Prince William County Phone: (703) 792-6822 Project Manager: Sherry Djouharian Phone: (703) 792-6822 Email: sdjouharian@pwcgov.org	December 2016 (Design was 100% complete in 2009, but construction was delayed until 2012 due to funding constraints))	December 2016	\$44,000	\$44,000	\$1,600

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. **This project was managed and executed primarily from Parsons Brinckerhoff's Herndon office.**

As prime designer, Parsons Brinckerhoff designed improvements for the intersection of Route 1 and Dale Boulevard in Prince William County. The initial objective of this project was to prepare preliminary design plans for a grade-separated interchange at the intersection of Route 1 and Dale/Rippon Boulevard and to widen and improve Route 1 to a six lane divided road from the Neabsco Mills Road to Featherstone Road—approximately two miles. Initial engineering efforts included the development of concepts for an interchange with Route 1 over Dale/Rippon Boulevard, Route 1 under Dale/Rippon Boulevard, and at-grade improvements to the existing intersection. Value engineering and solicitation of stakeholder input determined that the most cost-effective solution included

the integration of improvements to the existing intersection with the widening and improvement of Route 1.

The construction plans consisted of widening the existing four-lane undivided highway to a six-lane divided highway. Opposing lanes are separated by a raised median approximately 16 feet wide, except at intersections where turn lanes occupy part of the median area. Curb and gutter was installed along the outside edges; a 6-foot wide sidewalk was installed along one side of Route 1 and a 10-foot wide trail was installed along the other side. Additional design features included wide outside lanes to accommodate bicyclists, turn lanes at intersecting roadways, landscaping, and improved lighting and signing.

The scope of work included traffic data collection, capacity analysis using Highway Capacity Manual, signal timing analysis using Synchro, simulation modeling analysis using CORSIM, and traffic operations analysis; a geotechnical feasibility study, including soil borings and soil laboratory classification testing; wetlands delineation and mitigation, agency coordination and preparation of Joint Permit Application. Drainage design included conversion of an open system to a closed system, stormwater management design, and replacement of the Cow Branch Bridge with a quad 10' x 8' concrete box culvert.



**SIMILAR SCOPE ELEMENTS:**

✓ roadway widening	✓ survey
✓ geotechnical	✓ environmental
✓ traffic control	✓ hydraulics/SWM
✓ noise walls	✓ TMPs
✓ utilities	✓ right-of-way
✓ public involvement	✓ landscaping
✓ QA/QC	✓ project management

**PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT**

**Justin Lennon:** Hydraulics Engineer  
**Surendra Omkaram:** Traffic Engineer  
**Joe Powers:** Roadway Engineer

**UNIQUE FEATURES:**

The team worked closely with multiple planned developments within the project limits in order to minimize conflicts and the resulting inconvenience to the traveling public during construction.

\*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.



Greenview Dr

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