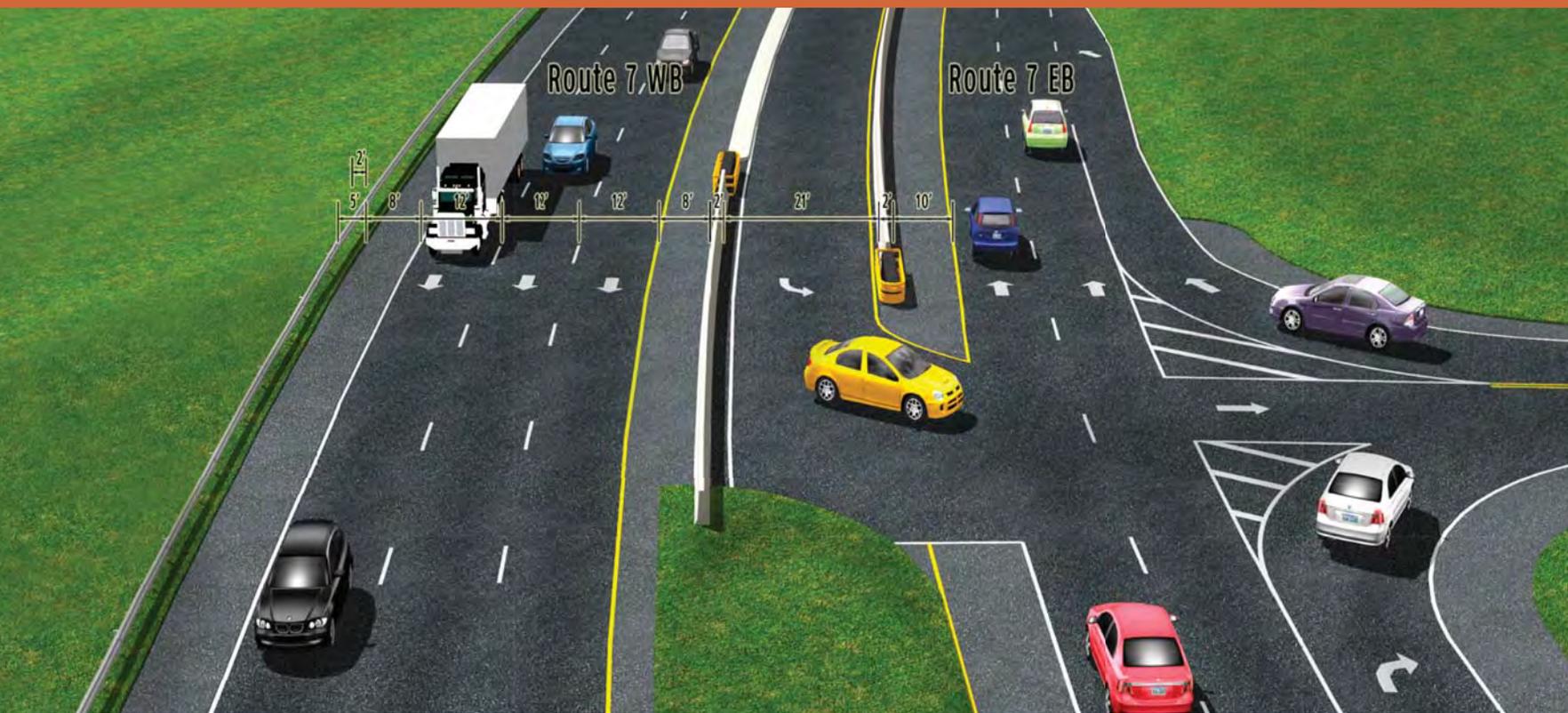


Route 7 – Westbound Truck Climbing Lane From: Route 9 To: West Market Street

State Project No: 6007-053-133, R201, C501
Federal Project No.: STP-5401 (518)
Contract ID Number: C00058599DB54



STATEMENT OF QUALIFICATIONS | JANUARY 10, 2013

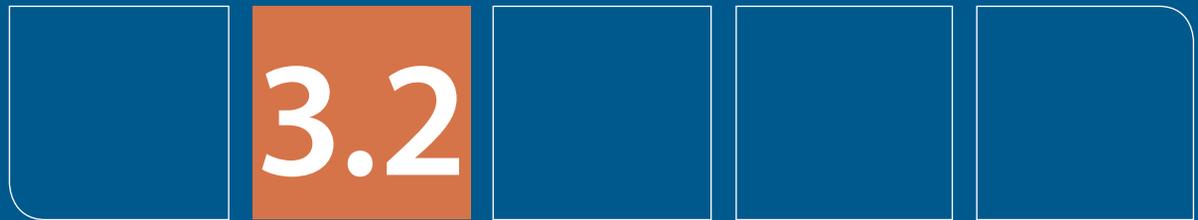
Submitted to



Submitted by



Route 7 – Westbound Truck Climbing Lane From: Route 9 To: West Market Street
Virginia Department of Transportation



Letter of Submittal



14500 Avion Parkway, Suite 200
Chantilly, VA 20151
Ph: (703) 222-5670
Fax: (703) 222-5960

Kevin Reichert, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

January 10, 2013

RE: Route 7 – Westbound Truck Climbing Lane, Loudoun County, Virginia, a Design-Build Project
State Project No.: 6007-053-133, R201, C501
Federal Project No.: STP-5401(518)
Contract ID Number: C00058599DB54

Dear Mr. Reichert:

The Lane Construction Corporation (LANE) is pleased to submit this Statement of Qualifications for the above-referenced Design-Build project to the Virginia Department of Transportation (VDOT). Founded in 1890, LANE is one of the premier heavy civil construction companies in the nation, building high quality bridges, highways, locks, dams, mass-transit and airport systems. LANE has successfully completed projects in the Commonwealth of Virginia for nearly 40 years. LANE has never failed to complete a contract in its 121-year history.

LANE understands the importance of the Design-Build (D-B) partnership and has successfully led teams that have constructed over \$2.8B in D-B projects during the last decade. LANE's teaming and leadership experience enables us to deliver the innovative and technically sound results that VDOT and Virginia residents deserve.

LANE is the Offeror and will be the overall authority on the project as well as the Lead Contractor. LANE has teamed with Vanasse Hangen Brustlin, Inc. (VHB), Lead Design Consultant, to provide VDOT a team with a solid reputation for completing complex projects on time and within budget. Quinn Consulting Services Incorporated (QCS) will lead the construction Quality Assurance Management (QAM) effort and will be responsible for the independent QA inspection and testing of all materials used on the Project. The LANE team provides committed personnel with proven experience in delivering VDOT's requirements and will meet or exceed the quality, safety and schedule demands of the Project.

LANE has carefully selected specialty firms and personnel to provide priority services in the areas of structural design, transportation management planning, and lighting, most of whom worked together on the LANE team to deliver the award-winning roundabouts on the Route 50 Traffic Calming D-B Project at Gilberts Corner. Other disciplines of expertise in geotechnical, environmental compliance, right-of-way capabilities and certifications, and utilities will be provided by reputable firms experienced with VDOT processes and procedures. Likewise, we are cognizant of the numerous projects in the region and have specifically designated a Public Relations Manager and an MOT Coordinator to keep the public informed and to coordinate with stakeholders and other project(s) peers to minimize impacts. We are confident in our team structure and experience, both individually and collectively, and have elaborated on our unparalleled qualifications in the subsequent sections.

3.2.2 Offeror's Point of Contact Information. Mr. Richard A. McDonough is the official representative and point of contact for the LANE team for all matters associated with this qualifications submittal.

Richard A. McDonough, District Manager

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

Tel: (703) 222-5670

Fax: (703) 222-5960

Cell: (703) 898-3811

Email: RAMcdonough@laneconstruct.com

3.2.3 Offeror's Principal Officer Information. Mr. Mark A. Schiller is a principal officer of The Lane Construction Corporation and the legal entity with whom a Design-Build contract with VDOT will be written.

Mark A. Schiller, Regional Vice President, Mid-Atlantic Region

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

Tel: (703) 222-5670

Fax: (703) 222-5960

Email: MASchiller@laneconstruct.com

3.2.4 Offeror's Corporate Structure. The Lane Construction Corporation, founded in 1890, is structured as a corporation and was incorporated in the State of Connecticut on April 5, 1902.

3.2.5 Lead Contractor and Lead Designer. LANE is the Offeror as well as the Lead Contractor. LANE has teamed with VHB, the Lead Design Consultant. As the Offeror and Lead Contractor, LANE will be responsible for administering the contract, providing the bond, scheduling, quality control, supervising construction, the safety program, maintenance of traffic (MOT), and coordination of all subcontractors and trades. VHB will be under a subcontract with LANE for all design efforts pertaining to this project, including MOT. The additional sub-consultants and/or specialty consultants, required by VHB in its design efforts, will be under a direct subcontract to VHB. Quinn Consulting Services Incorporated, providing the Quality Assurance Manager and support, will also be under direct contract to LANE.

3.2.6 Affiliated/Subsidiary Companies. LANE's parent company is Lane Industries, Inc. There are no affiliated or subsidiary companies.

3.2.7 Debarment Forms. Certifications for Debarment for both Primary and Lower Tier Covered Transactions have been completed and executed for the Offeror and all sub-consultants, subcontractors and other entities as identified as members of the Lane team. These may be found in the Appendix.

3.2.8 Offeror's VDOT Prequalification Evidence. Evidence from VDOT's online Prequalified List may be found in the Appendix demonstrating that LANE (L002/Active) is prequalified for this SOQ's submission.

3.2.9 Letter of Surety. A surety letter from the bonding companies is included herein, indicating their willingness to provide any and all bonds for this project. The co-sureties will furnish a single 100% performance bond and a single 100% payment bond.

3.2.10 Professional Services Evidence. The SCC/DPOR Table delineates the respective state registrations and licensures of the LANE team. The Offeror and all team members are eligible at the time of the SOQ submittal, under the law and relevant regulations, to offer and to provide any services proposed or related to the Project. Respective copies of the business and individual licenses may be found in the Appendix.

3.2.11 DBE Statement (15% Commitment). LANE supports the Disadvantaged Business Enterprise program and is committed to meeting or exceeding 15% of the design and construction of this project utilizing the services of organizations certified in Virginia as Disadvantaged Business Enterprises. It is also LANE's intention to take all necessary and reasonable steps to ensure that SWaM firms have the maximum opportunity to compete for and perform services in this Design-Build contract.

Through implementation of proven project controls and scheduling, the LANE team will deliver this Project on time and within budget. We appreciate you accepting this Statement of Qualifications and look forward to working with VDOT on this project.

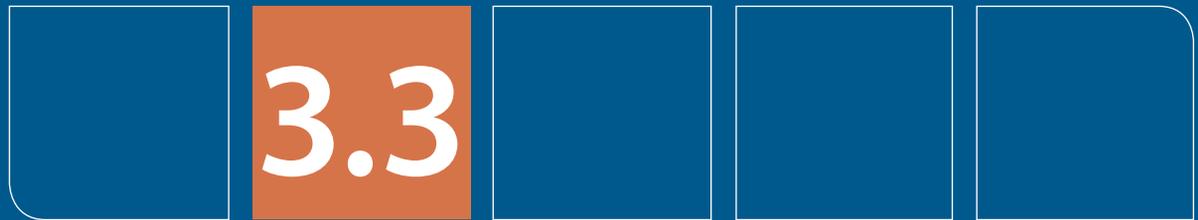
Respectfully submitted,



Richard A. McDonough

Design-Build Project Manager

Route 7 – Westbound Truck Climbing Lane From: Route 9 To: West Market Street
Virginia Department of Transportation



Offeror's Team Structure



3.3. OFFEROR'S TEAM STRUCTURE

The Lane Construction Corporation (LANE) will lead the Design-Build (D-B) team and be ultimately responsible to VDOT for the completion of the Route 7 – Westbound Truck Climbing Lane Design-Build Project. LANE's role will include managing *all* aspects of the project, supervising the construction and performing major work elements. LANE's proven experience on more than 50 PPTA and D-B projects ranging in scope and value from \$15 million to the \$1.5 billion I-495 Express [HOT] Lanes D-B project in Northern Virginia demonstrates LANE's ability to tackle the region's most challenging projects and the value obtained in having the right team. LANE's careful and strategic selection of this particular team provides the Department tremendous value due to our past successful performance on similar projects. LANE has selected Vanasse Hangen Brustlin, Inc. (VHB) as the Lead Designer for their proven efforts in providing value-added solutions and innovations in their approach to D-B projects and will provide all engineering design services except for geotechnical design. VHB possesses the same integrity and standard of quality philosophy comparable to LANE's core principles, understanding that the right choice may not always reside in the economics when dealing with context sensitivity and public safety. LANE has a strong history with VHB that includes the very successful Route 50 Traffic Calming D-B at Gilberts Corner (Gilberts Corner) – the construction of four roundabouts and connector road on the Route 50 Corridor in Loudoun County as well as other recent D-B pursuits, in which both firms gained valuable first-hand, local D-B experience. VHB exhibits overall strength in managing multi-discipline D-B projects with a thorough understanding of the Department's design and D-B requirements.

The LANE team will provide the Department with the finest specialty talent, national experience, and local knowledge ...all under the direction of experienced design-build project management leaders.

Together, LANE and VHB have selected specific subcontractor and subconsultant partners that share in our commitment to provide the best value solutions and whose fortes match the required practice areas identified in this procurement. The team that we have assembled is essentially the same as that which successfully delivered the Gilberts Corner project under-budget and ahead of schedule. Listed below are the firms that make up the LANE team. Please note that VHB and Quinn Consulting will subcontract to LANE. The remaining firms will be design subconsultants to VHB.

LANE has carefully chosen a group of technically diverse and skilled team members to create a team structure that capitalizes on our strongest, respective attributes. ***The LANE team will provide the Department with the finest specialty talent, national experience, and local knowledge ... all under the direction of experienced design-build project management leaders.***

Using the "Task Force" Approach

The LANE team's extensive D-B experience has shown that the Task Force approach during the design stage is key to realizing a successful project. This open forum of discussion, in the spirit of partnering, serves to clearly define project criteria, ensure the owner's intentions are being met, address corridor-wide constructability issues, and provide consistency in design *before* becoming schedule-critical.

The Task Force Approach is a proven mechanism to ensure quality, consistency, and integrated design and construction.

Task forces serve as a conduit for disseminating project-critical information. The Task Force, with the D-B Project Manager at the head, is the central point of decision-making and communication among all involved in the project. As part of this process, the Task Force members - VDOT, the Lane D-B Project Manager, and the VHB Designer Manager - are charged with reaching a consensus on project issues. This approach of equal representation by the Owner, Contractor and Designer is integral to the partnering process. The Design Manager will meet with discipline leaders from every design segment, the Contractor and the Owner on a weekly basis. The focus of these meetings will be to coordinate technical design issues, emphasize the appropriate design criteria and develop standardization of the designs to meet VDOT criteria. This approach encourages real-time, over-the-shoulder reviews and timely issue resolution. The Task Force will meet weekly at first, then as required as the project progresses. The Task Force meeting agenda will address project coordination, schedule review and implementation, and the overall project work plan. The Task Force meetings will be formal, with agenda and meeting minutes required. Additional project and/or Owner personnel will be included in these meetings to discuss their respective topics as necessary.

To gain the innovation benefits of Design-Build delivery, it is imperative that the design team remain integrated with construction staff experienced in the development of design from concept through final RFC plans. To the LANE team, innovation means design concepts that consider schedule, means and methods, construction equipment, and available labor. Innovation is the development of plans and strategies that deliver a high-quality product in an expedited manner.

The Task Force approach is a hallmark of LANE’s D-B process that results in schedule and budgetary success:

- Contractor input on all phases of the design for optimizing materials, means, and methods
- Analysis of feasible alternatives by the contractor organization
- Ability to focus on and accelerate key elements of the design as needed by the construction
- Phased construction by early development and approval of design packages
- Ability to handle program changes identified throughout the contract
- High-quality results, leading to owner satisfaction

The LANE Team

 <p>B LANE Offeror & Lead Contractor</p>	 <p>B VHB Design Manager Public Outreach Environmental Utilities</p>	 <p>B Quinn Consulting QA/QC QA Manager Inspectors</p>
 <p>B GeoConcepts Engineering, Inc.* Geotechnical Engineering Construction QC Testing</p>	 <p>B Athavale, Lystad & Associates, Inc.* Roadway and Trail Design Structure/Bridge</p>	 <p>B Cervantes and Associates* Stormwater Management Utilities</p>
 <p>B J.M. Morales & Associates, P.C.* Maintenance of Traffic Traffic Management Plan</p>	 <p>B Rinker Design Associates, P.C.** Right-of-Way Acquisition Survey</p>	 <p>B Traffic Signals Plus, PLLC.* Lighting</p>
 <p>B Specialized Engineering QA Testing</p>	<p>*DBE **SWaM</p>	

B Each of our team member firms have VDOT D-B experience as do the personnel so designated with this unique D-B qualification logo.

Construction Subcontractors

LANE will self-perform the heavy civil activities for the Route 7 project. Among LANE’s primary subcontractors is **Quinn Consulting Services Incorporated (QCS)**, a local Virginia certified DBE firm, who will provide the Quality Assurance Manager (QAM), Mr. John Vicinski, PE, DBIA, and his supporting staff of quality assurance inspectors. QCS has provided similar specialized consulting and quality assurance management on numerous D-B projects throughout northern Virginia such as the Dulles Metrorail Extension (Phase 1 and 2), Fairfax County Parkway (Phase III), Waxpool Road, Battlefield Parkway Design-Build, Gilberts Corner, and the I-495 Express [HOT] Lanes. Mr. Vicinski has had a direct working relationship with LANE, having worked on both the Gilberts Corner (as an Alpha Corporation employee) and the I-495 Express (HOT) Lanes projects. As the QAM, Mr. Vicinski, will report directly to the Design-Build Project Manager, Mr. Rich McDonough. Additionally, other construction subcontractors including DBE and SWaM firms will be selected utilizing LANE’s two step subcontracting plan.

Each of these key personnel described below were LANE team members that designed and constructed the award-winning Gilberts Corner D-B project.

3.3.1 Qualifications and Functional Relationships of Key Personnel

We consider VDOT management and staff true Project partners, working alongside the LANE team members. Our relationships are effective, functional, and benefit from a common accountability initiative — to safely and soundly complete the project expeditiously. The LANE team is led by experienced and capable professionals with local roots, strong D-B experience, and traffic management support for both design and construction with extensive experience regionally and nationally. All of the proposed Key Personnel have noteworthy experience on transportation projects similar to the roles they will serve on the Route 7 project.

B Leading the LANE team is *Design-Build Project Manager, Mr. Richard A. McDonough (LANE)* who is responsible for the overall project, construction quality management, and contract administration. He is the primary contact for VDOT for this Project. He will facilitate communication among team partners and adjacent projects, monitor design efforts to proactively eliminate potential constructability issues prior to breaking ground, and delegate resources to deliver the project on time. It will be his responsibility to work with the designer to ensure that the design is on time and within the owner's specifications. Mr. McDonough's interaction from design through construction will include "task force" meetings, weekly design meetings and construction meetings to discuss how the LANE team will build the project. Should any issues arise, it is his responsibility to ensure and address project issues with the designer, construction team and the owner. He will interact with the Quality Assurance Manager (QAM) continuously to ensure that the project is compliant with the specifications.

B *Quality Assurance Manager, Mr. John Vicinski, PE, DBIA (QCS)*, [reports directly to the D-B Project Manager], is a registered licensed, Professional Engineer in the Commonwealth of Virginia. Mr. Vicinski has previously served as a Quality Assurance Manager, Inspector Coordinator and a Project Director on 10 D-B projects, 15 VDOT district-wide and regional contracts and 6 VDOT project specific jobs. His responsibilities have included construction management, inspection, scheduling, claims analysis, utility coordination, bidding, subcontractor coordination, hiring and managing inspectors, work order processing, shop drawing review and surveying. He is knowledgeable of the Department's Construction Program, VDOT's Road and Bridge Specification and Standards, Site Manager, and the Virginia Work Area Protection Manual. Mr. Vicinski will ensure that the construction quality of the Route 7 project meets or exceeds the *Minimum Quality Control and Quality Assurance Requirements for Design-Build and PPTA Projects*, dated January 2012. Mr. Vicinski understands the importance of quality and the benefit of a strong QA/QC program, having served as the QAM on several Design-Build projects in northern Virginia. He understands the overriding imperative of the separation between quality assurance and construction and will maintain that independence throughout the duration of the project. Mr. Vicinski will coordinate with both the Design-Build Project Manager and the Construction Manager on all quality issues. Should issues arise, he and his inspection staff will immediately document and suggest remediation to construction personnel. Any item of work failing to meet minimum standards will be rejected outright.

As QAM, Mr. Vicinski holds the authority to shut down the job if quality issues warrant.

B *Design Manager, Mr. Charles O'Connell, PE (VHB)*, [reports directly to the D-B Project Manager], is a registered, licensed Professional Engineer in the Commonwealth of Virginia. He has 26 years' experience in the management and design of complex transportation projects involving roadway and structural design, geotechnical investigations and environmental permitting/mitigation. Mr. O'Connell has served as the president of the Potomac (Northern Virginia) ASHE section and is an instructor for the National Highway Institute where he conducts workshops in the design and operation of intersections for safety and roundabout design. Mr. O'Connell is intimately familiar with VDOT policies and procedures having served with VDOT for 11 years and subsequently having been on contract to VDOT for multiple projects. As the Design Manager on this project, Mr. O'Connell is responsible for coordinating the individual design disciplines, and ensuring the overall project design is in conformance with the Contract Documents. He is also responsible for establishing and overseeing the QA/QC program for all pertinent disciplines including review of design, working plans, specifications, and constructability. Mr. O'Connell is very familiar with the Route 7 corridor and the unique MOT challenges that will be presented in this project. Mr. O'Connell will utilize his past experience as the Design Manager for the Gilberts Corner project where he played a significant role in developing the final design by implementing advanced concepts in roundabout design such as the offset left in the approaches and "fish hook" pavement markings which were later approved and incorporated into the Manual of Uniform Traffic Control Devices (MUTCD). In addition to design responsibilities, Mr. O'Connell was instrumental in developing public relations materials, working with adjacent land owners, coordinating with utilities, resolving design problems associated with drainage and flood plain, and monitoring construction to protect the historic properties.

Mr. O'Connell has lectured on the benefits of roundabouts to the Prince William County Planning Commission, Herndon Town Council, members of the Fairfax County Board of Supervisors as well as various Home Owners Associations. He has also been a contributor to various Federal Highway Administration projects, developing manuals or programs associated with roundabouts and mini-roundabouts. Mr. O'Connell also contributed to the recent revisions to the VDOT

Work Area Protection Manual providing a keen understanding of construction and safety in construction or maintenance of roundabouts.

B Construction Manager, Mr. Jim Vogt (LANE), [reports directly to the D-B Project Manager], has 17 years’ experience in the construction industry as a Manager and a Superintendent. He has worked his way from Project Engineer to Project/Construction Manager, successfully accepting more responsibilities for field operations, safety, project staffing, means and methods of construction, project oversight and on-site engineering calculations and drawings. On the Route 7 project, Mr. Vogt will be in charge of the general day-to-day activities of this project at the construction site. His duties will include working with the owner, senior management, sub-contractors and the LANE work crews. He will be responsible for implementing and adhering to all safety and quality measures as well as maintaining schedule milestones, organizing manpower, managing the project budget and delivering the project on a timely basis and within budget. He will hold ultimate responsibility for managing the project schedule and coordinating daily with any adjacent projects underway. He will lead daily meetings with the Project Inspector and the Quality Assurance Manager (QAM) and will review all reports and lab results. Anything not meeting standards will be addressed immediately.

Mr. Vogt holds a current Virginia Department of Conservation and Recreation (DCR) Responsible Land Disturber (RLD) Certification and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC).

Additional Gilberts Corner Team Veteran Personnel

B Design QA/QC Manager - Mr. Tyson Rosser, PE (VHB), [reports directly to the Design Manager] is a registered licensed, Professional Engineer in the Commonwealth of Virginia. He will provide independent design QA review support for the design. Along with the Design Manager, he will also ensure that the Design QC reviews are being independently completed at the location of the work being performed. He has over 19 years of experience providing transportation design projects in the role of lead designer and project manager, including several D-B projects. He has significant experience on several important VDOT projects. For those projects, efficient design and management approaches were required to ensure the various design disciplines and teams met the common goals of the projects. Mr. Rosser was the Design Manager for VDOT’s first D-B project, APM Terminals Roadway Improvement project. He was also an integral part of the Gilberts Corner project as the Lead Designer and is functioning in a similar QA role for VHB's design responsibilities as part of their work on VDOT's Middle Ground Boulevard Extension D-B project. He brings to this role a unique blend of technical expertise, ongoing relationships with many of the staff from other firms on this team, and an understanding of VDOT requirements and expectations.

B Utilities – Ms. Michelle Cavucci, PE (VHB), [reports directly to the Design Manager] is a registered licensed, Professional Engineer in the Commonwealth of Virginia. She has 17 years of experience in traffic control device design, traffic studies, safety, and utilities coordination. For the past 10 years, Ms. Cavucci has served as the VDOT Northern Virginia District’s Traffic Design Consultant, coordinating regularly with VDOT NOVA District Location & Design, Utilities & ROW Personnel, Preliminary Engineering, and Land Development sections; and as the Project Manager for the Loudoun County On-Call Engineering Services contract. As the Lead Project Engineer for utility relocation and traffic on the Gilberts Corner project, Ms. Cavucci worked directly with utility companies to assist in the identification of conflicts, evaluation of proposed relocation design and adjustments, and coordination with VDOT Utilities Division. These are the same Department individuals that will be involved in the utilities relocation issues for the Route 7 project. These existing relationships with both utilities providers as well as VDOT staff allow Ms. Cavucci to work expeditiously to identify and mitigate issues involving utilities relocation. Ms. Cavucci will report directly to the Design Manager but will also coordinate regularly with both the Construction Manager and D-B Project Manager with regard to the utilities.

Additional New Team Members

B ROW Coordinator – Mr. James Moore, CGREA (RDA) [reports directly to the Design Manager] is a licensed Certified General Real Estate Appraiser with nearly 40 years of years of experience in real estate appraisal services. Mr. Moore joined Rinker Design Associates in September 2010 after 35 years with VDOT when he retired as the Assistant District Right-of-Way Manager in the Northern Virginia District. Mr. Moore has managed all aspects of the appraisal process for land acquisitions and has served as an expert witness on Real Estate Appraisals. He has reviewed or prepared

appraisals in Loudoun County, Fairfax County, Prince William County, Albemarle County and the City of Charlottesville. Mr. Moore served as VDOT's liaison for Right-of-Way on Local Administered Projects. He has procured Professional Appraisal Services and has also managed consultants preparing appraisals for VDOT. Mr. Moore will report directly to the Design Manager but will also coordinate regularly with both the Construction Manager and D-B Project Manager with regard to the utilities.

B *MOT Coordinator – Mr. Juan Morales, PE (JMA)* [reports directly to the Design Manager] is a registered licensed, Professional Engineer in Virginia. He is also the principal of the JMA consulting firm specializing in transportation engineering and planning. His company specializes in the areas of traffic engineering, specifically traffic safety and operations, traffic management, application of advanced technologies, traffic simulation, traffic studies, including traffic control devices, temporary traffic control in work zones, Maintenance of Traffic (MOT) design, traffic modeling and research. Mr. Morales brings more than 30 years of experience to the position he will fill on the Route 7 project predominantly in the areas of traffic management, work zone safety, MOT, and traffic safety and operations. As Chief Instructor for the American Traffic Safety Services Association (ATSSA), he is recognized as an expert in these fields; he develops and delivers work zone safety courses nationwide.

B *GeoConcepts Engineering, Inc. (GeoConcepts)* will provide geotechnical services for the project [reports directly to the Design Manager]. In addition to geotechnical services, this firm will provide construction QC support through inspection and testing services [reports directly to the Construction QC Manager]. GeoConcepts is certified as a disadvantaged business enterprise (DBE) located in nearby Ashburn, Virginia that provides professional geotechnical engineering, hydrogeologic, and environmental consulting services. GeoConcepts has worked on several design/build projects, including two roadway projects for VDOT (Pacific Boulevard and Battlefield Parkway Extension, respectively). They have performed in each of these capacities as part of these D-B efforts.

Functional Relationships with VDOT and Third Parties

The LANE team understands the critical importance of close, frequent communication, coordination, and collaboration with both VDOT and the myriad third parties involved in this Project. The LANE team is familiar with VDOT district policies and the local personnel who are likely to be involved in the project process on the owner's behalf. That Lane team understanding and familiarity also covers the other third parties with whom the Design-Builder must coordinate. To foster open lines of communication, the LANE team will develop a Project work-plan and schedule that includes each third party's availability and schedule requirements. Required Federal, Commonwealth, Loudoun County, Town of Leesburg, and any other regulatory agency permits will be appropriately acquired and liaisons will be identified to establish availability, scheduling, and jurisdictional coordination. Similarly, a liaison will be identified at the Northern Virginia Regional Park Authority to coordinate trail and parkland jurisdictional issues. Our public involvement plan will also ensure that commuters, homeowners and business owners are kept apprised of the Project progress, schedule, and potential impacts.

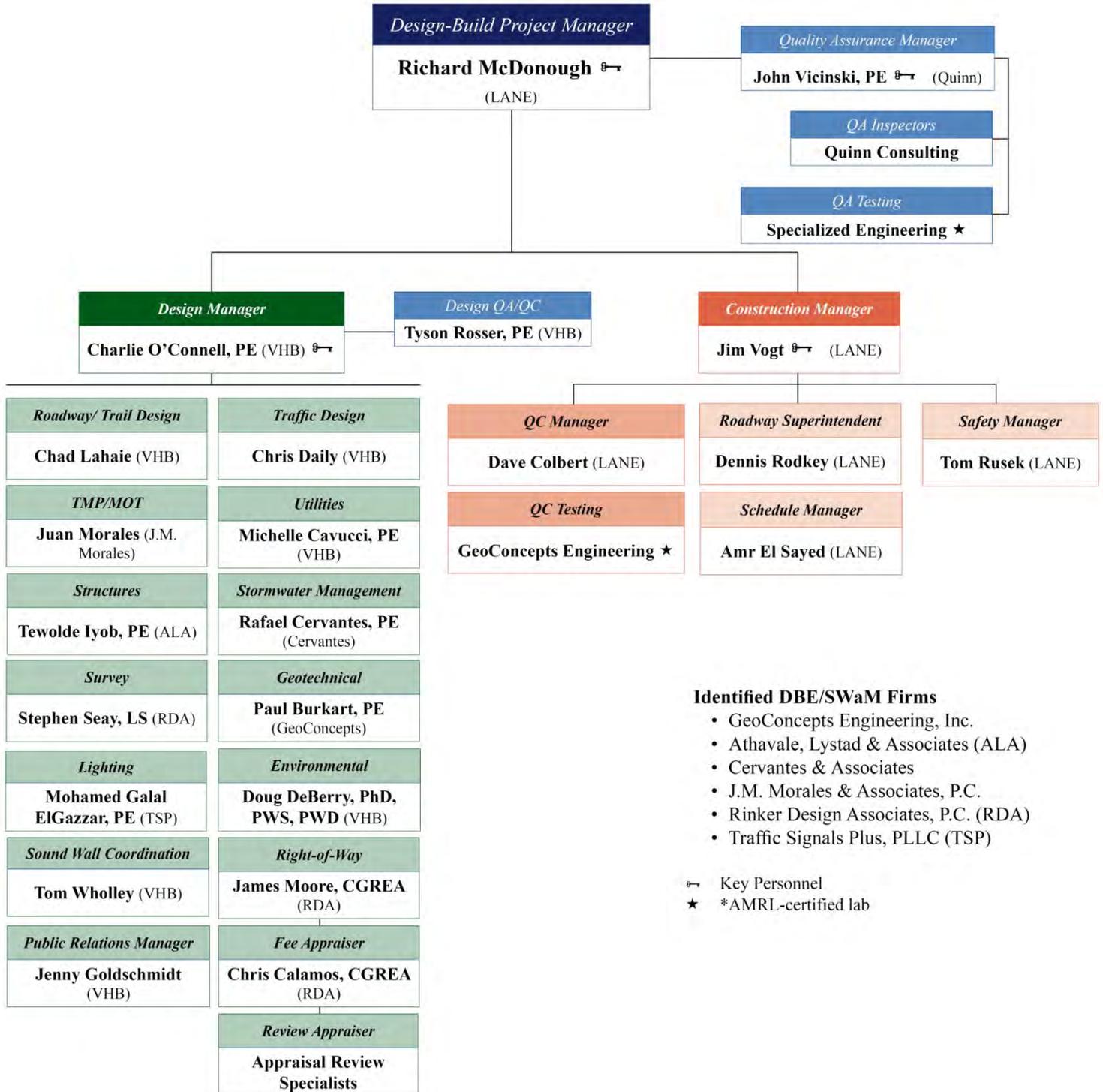
We are prepared to address all the items necessary for environmental permitting including acquisition of water quality permits (Loudoun Water) in the name of The Lane Construction Corporation as well as comply with the Virginia State Noise Abatement Policy and the Highway Traffic Noise Impact Analysis Guidance Manual for any permanent noise mitigation (to be specified in the RFP Information Package). Likewise, the LANE team will fulfill all commitments included in the NEPA Categorical Exclusion for this Project (dated March 7, 2012).

In order to effectively perform the relocations, adjustments, and coordination of utilities, the LANE team will align with each of the providers for timely planning of these activities. Our staff is already familiar with many of these providers' policies and processes which should augment the expeditious accomplishment of these tasks.

3.3.2 Organization Chart

The LANE team is organized to provide VDOT with a single source point of contact, responsible for all design and construction activities. The LANE team organization has a straightforward chain of command, with individual tasks and responsibilities clearly identified. The following Organization Chart identifies key personnel and major functions to be performed for the design and construction of the Route 7 – Westbound Truck Climbing Lane Project. As demonstrated in the Organization Chart, the identified Key Personnel will report directly to the Design-Build Project Manager, leading their

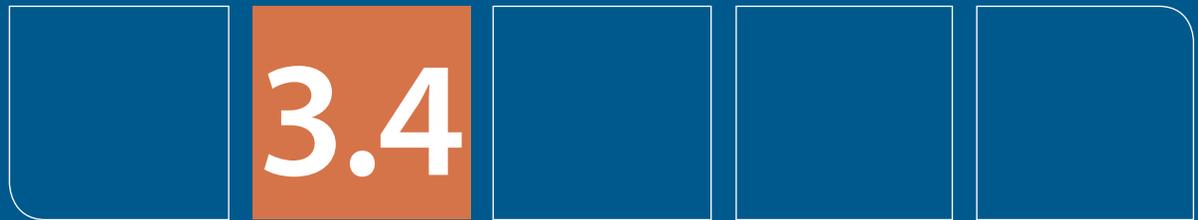
respective groups. The chart shows the clear separation and independence that exists between QA and Construction QC Inspection and field/laboratory testing.



- Identified DBE/SWaM Firms**
- GeoConcepts Engineering, Inc.
 - Athavale, Lystad & Associates (ALA)
 - Cervantes & Associates
 - J.M. Morales & Associates, P.C.
 - Rinker Design Associates, P.C. (RDA)
 - Traffic Signals Plus, PLLC (TSP)

↔ Key Personnel
 ★ *AMRL-certified lab

Route 7 – Westbound Truck Climbing Lane From: Route 9 To: West Market Street
Virginia Department of Transportation



Experience of Offeror's Team



3.4. EXPERIENCE OF OFFEROR'S TEAM

The Lane Construction Corporation (LANE), established in 1890 and incorporated in 1902 in the State of Connecticut, is one of the largest and most well-respected transportation contractors in the nation. LANE is headquartered in Cheshire, CT and maintains several regional offices, including the Mid-Atlantic Regional Office in Chantilly, Virginia, which supports the multiple project locations throughout the Commonwealth. LANE's successful delivery methods consistently rank us among the top 10 transportation contractors in the nation. LANE has successfully participated in over 50 Design-Build (D-B) projects ranging in scope from \$15M to \$1.5B. LANE understands the importance of partnering to make the D-B process a success and has led D-B teams that have constructed more than \$2.8B in projects over the last decade.

Engineering News-Record currently ranks LANE as the nation's 8th largest transportation contractor.

3.4.1 Work History Forms

Work History Forms (Attachments 3.4.1(a) and 3.4.1(b)) for both LANE (Lead Contractor) and VHB (Lead Designer) are included in the Appendix.

Proven Cooperative Work History

The benefits of the D-B delivery method are enhanced when team members have worked together and understand the value of each team member. This LANE team has worked on a number of projects together and is proud to have successfully delivered many using this contracting method. LANE and VHB were first introduced during the construction of the **Dulles Airport North Area Roadway Improvements** where LANE was responsible for construction and VHB represented the Airports Authority in matters of Maintenance of Traffic, work zones, and customer service. A partnering relationship evolved based on effective problem solving in the interest of advancing construction to completion in the safest manner with minimal impacts to Dulles Airport customers. LANE and VHB continued to successfully work together on the **Route 50 Traffic Calming D-B Project at Gilberts Corner** project (Gilberts Corner). Based on these previous working relationships, our two firms have joined to bring VDOT a highly skilled team with knowledge of the D-B process and a commitment to quality and value. Previous applicable experience, established relationships among partners, and reputations in the industry were key decision makers in establishing this project team. This LANE team is comprised of the same core firms that effectively delivered the Gilberts Corner project. A project/team participation matrix has been provided at the end of this section to demonstrate our team members' past working relationships.

LANE & VDOT

LANE is fully committed to the Commonwealth of Virginia, maintaining a full-time presence and employing a workforce in excess of 900 craftsmen in Northern Virginia alone. Two of our Virginia Paving plants are conveniently located in Loudoun County proximate to the project. As local residents, we understand the issues that drive the region and recognize the transportation investment that VDOT is making with this D-B project. Our experienced Virginia workforce is very familiar with the stakeholders that need to be represented and kept informed to ensure successful delivery of this project.

The reputations established over the years for providing consistent quality service to VDOT speaks volumes for the capabilities of LANE and the members of the LANE team.

LANE has been the active leader on numerous high profile projects for VDOT and other stakeholders over the last 30 years. The relevant Gilberts Corner project included the design and construction of four roundabouts, a connector road and improvements to Route 50 and Route 15 in Loudoun County. This project, completed in 2009, received numerous awards, was completed on-budget, and was delivered ahead of schedule.

Additional LANE projects in Virginia include:

- I-495 Express [HOT] Lanes D-B, \$1.5B (early delivery and on-budget)
- I-95 Express Lanes D-B, \$691M (on-going)
- I-66 Spot Improvements, \$10M (completed)
- Springfield Interchange, \$75M (completed 2007–early delivery)
- Purcellville Southern Collector Road, \$4M (on-going)

- Emergency Repair Projects for NOVA District
- I-66 Arlington, \$28.5M (completed)
- I-66 Glebe Road, \$41.4M (completed)
- I-66 Rosslyn, \$18M (completed)
- Route 234 Prince William, \$21.6M (completed)
- Dulles Access Road, \$19M (completed)
- I-95 Woodbridge, \$20M (completed)
- Fairfax County Parkway, \$12M (completed)
- Route 28, \$5.4M (completed)
- Dulles Toll Road Ramps, \$5.9M (completed)
- Route 7, Sterling, \$16M (completed)



The LANE team has worked on numerous projects where our inventive construction staging and sequencing played *the* integral factor in maintaining public access during construction and for minimizing impacts to adjacent stakeholders including businesses, communities and other transportation users. The LANE team provided custom pavement markings and signage approaching each of the roundabouts; these provided driver instructions unique to the navigation of roundabouts. This team understands the complexities of constructing a roundabout under heavy traffic and the need to consider larger vehicles and their turning radius in design.

We complete thorough constructability reviews early in the design process to identify and mitigate potential impacts to project stakeholders. LANE and VHB, as a team, have successfully delivered projects that included the same relevant construction elements as the Route 7 – Westbound Truck Climbing Lane D-B Project and performed this work under heavy traffic; we understand the significance of effective maintenance of traffic to both the local citizenry and thru freight traffic.

LANE and VHB together were responsible for the successful delivery of the Gilberts Corner project. The accelerated schedule provided a challenge to the team and required the contractor and designer to develop a critical path with various important milestones in order to prevent delays. Our integrated design and construction process concentrated on effective management of critical activities including right-of-way acquisition, utility relocation, maintenance of traffic, the VDOT review process, and public inputs.

More recently, LANE has been constructing a project with similar elements in nearby Purcellville. The Southern Collector Road project for the Town of Purcellville (partially funded by VDOT) involves interactive coordination with both VDOT and municipal staff in the construction of the new roadway, capacity, and safety improvements to business Route 7 that includes roundabout re-construction and widening, MSE retaining walls, a triple box culvert, drainage structures and storm drain piping. This project is on schedule and expected to be completed June 2013.

We hold in high regard the reputation we have achieved through these and other projects. We take pride in maintaining this reputation on every project we construct. The LANE Lead Contractor History forms demonstrate the experience, capability, and commitment that LANE brings as a firm and instills in each of our team members. These same characteristics are also found in our Lead Designer, VHB, and lower tier team members which further enhance the strength and productivity of this unified team.

VHB's Proven Experience

VHB has worked for VDOT throughout Virginia, supporting the Department through a variety of projects and contracts: roadway location and design, environmental permitting, traffic, topographic survey and structures. VHB has held several on-call contracts including Traffic Engineering Services with the Central Office and the Northern Virginia District; these are contracts for which VHB has been awarded multiple terms. VHB's four Virginia offices have extensive experience working with VDOT. Design services for this proposed project will be managed from VHB's Tysons Corner office located on Route 7, a short distance east of this project.

VHB has been at the forefront of the Design-Build methodology. Testimony to this valued capability is evidenced in VHB's additional contractual support to numerous other states (Vermont, Massachusetts, Florida, and New Hampshire.) in the development of their own alternative project delivery method procurement processes which are fundamentally based on VDOT's successful program.

In addition to these on call contracts, project specific work has included the preliminary engineering for the I-81 Truck Climbing Lanes in Staunton (which ultimately became a D-B project), and the environmental impact statement for I-77/I-81 Overlap in Wytheville. VHB's VDOT portfolio also includes significant D-B projects. VHB was the Lead Designer for the Gilberts Corner project; this project's importance cannot be overstated, not only because it is an award-winning project designed and built by the LANE/VHB team but because of the innovative solutions that provided both operational and safety enhancements. The Gilberts Corner project was designed and constructed relatively early in the establishment of roundabouts as an accepted intersection solution in Virginia. It is located on the high volume primary roads of Routes 15 and 50 in Loudoun County, approximately 10 miles from the Route 7 project. The innovative design and ultimate success of the project has helped other VDOT Districts as well as local municipalities to acknowledge the benefits of roundabouts, laying the framework for more to be built throughout the state. VHB also served as the Lead Designer on VDOT's inaugural D-B project for the APM Terminals in Portsmouth, which encompasses the roadways and bridges that provide access to these terminals. Similarly, VHB is providing traffic signal design, permitting, and survey services on the Middle Ground Boulevard Extension D-B Project in Newport News.

Additional Relevant Projects Matrix

Project Name	Relevance	Description
Duval Street and 7th Street Intersection Improvements <i>Richmond, VA</i>	Roundabout design	Developed alternatives for the interchange and adjacent intersection of 7 th & Duval Streets. Intersection improvements address increased traffic volumes while improving vehicle and pedestrian safety.
Belmont-Ferry Farm Trail <i>Stafford County, VA</i>	Design of multi-use trail	Developed conceptual planning and engineering design of a multi-use trail to link to these two important historical sites along the Rappahannock River.
Loudoun County Transportation Services On-Call <i>Loudoun County, VA</i>	Established relationships with County staff	Conducting signal feasibility studies, developing signal timing plans for new installations, and developing traffic signal design plans to meet the standards and practices VDOT.
Sarasota Rails to Trails: The Legacy Trail <i>Sarasota County, FL</i>	Multi-use trail design with defined right-of-way	Prepared the preliminary and final construction plans, ensured that all necessary permits were approved, provided value engineering collaboration, and designed road crossings and signals.
Downtown Cross Street/Court Street/Main Street Improvements <i>Middlebury, VT</i>	D-B project New roadway and roundabout design	Provided engineering, environmental, and construction services for an award winning bridge structure, new roadway, and a roundabout.
FHWA Mini Roundabouts <i>Nationwide</i>	Demonstrated expertise in roundabout design	Researching, promoting, marketing, assisting agency deployment, and conducting before- and after-implementation studies on mini-roundabouts.
Northern Virginia Roundabout Feasibility Study <i>Northern Virginia</i>	Demonstrated expertise in roundabout design	Evaluated seven locations for installation of mini-roundabouts.
Maine Avenue & Texas/Vermont Avenues Roundabout Design <i>Maine</i>	High volume traffic Bicycle and pedestrian access	Developed a design involving the introduction of a roundabout that serves as the access for a highly travelled commercial truck and commuter route that serves the Bangor airport commercial district.
North State Street Reconstruction <i>Concord, NH</i>	Roundabout design	Designed a series of traffic calming measures and roundabouts.

Major Subconsultants / Subcontractors

Our team has been assembled based upon past successful working relationships with firms and/or individuals. We first identified project tasks that require specific expertise and then considered our working relationships with team members. Our subconsultants and subcontractors have all worked together on successful traditional and non-traditional pursuits in the past.

Both LANE and VHB personnel have been active members of the VTCA/VDOT Design-Build Committee that provides vital advisory contributions to the Department toward the staying power of the D-B process.

Collaborative Team Experience

The LANE team brings to the Department a highly-skilled team with insight into the applied D-B process with a commitment to quality and value. Previous working relationships and reputations in the industry were the key criteria used in assembling this team. As demonstrated below, LANE and VHB have successfully collaborated with our subconsultants ALA, Cervantes, GeoConcepts, Quinn, RDA, and TSP on numerous occasions, delivering projects throughout the region.

	Route 50 Traffic Calming D-B at Gilberts Corner	I-81 Corridor Truck Climbing Lane and EIS	I-495 Express [HOT] Lanes	Tysons Corner Pedestrian Bridges (Route 7 & 123)	Dulles Airport North Area Roadway Improvements	Various Loudoun County Transportation Projects
LANE	✓		✓	✓	✓	✓
VHB	✓	✓	✓	✓	✓	✓
ALA	✓	✓	✓			
Cervantes	✓				✓	✓
GeoConcepts			✓			✓
Quinn	✓		✓			✓
RDA			✓		✓	✓
TSP			✓			

Lessons Learned

Every member of our team possesses extensive D-B experience in their respective designated area of expertise. In addition, the LANE team continues to draw upon our experience with a “lessons learned” review in order to refine, stream-line, and continuously improve the process for future projects. We have a stockpile of valuable methods and practices that we have learned while working on projects for VDOT and other public clients. These lessons learned will enable us to mitigate the risks that we have elaborated in the following section.

Our team members’ strong communication skills and relationships with VDOT staff, third parties and other stakeholders, along with our keen understanding of local concerns, helps to ensure that coordination with the local community, public officials, utilities, facilities owners, and other stakeholders will be organized, thorough, and successful.

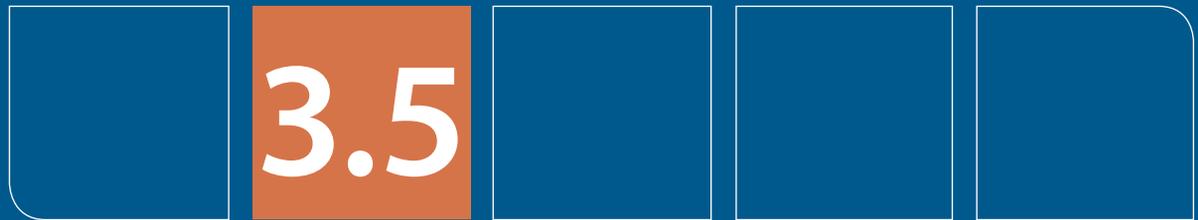
In summary, the LANE team offers:

- A long history of successful VDOT work
- Extensive experience on similar roadway projects
- Solid reputation for quality and on-time delivery
- Successful design-build experience together
- Proximity of Lane’s Virginia Paving Company asphalt plants in Loudoun County
- Developed longstanding relationships with VDOT, Loudoun County and Town of Leesburg
- Established relationships with subconsultants, subcontractors, utilities, permitting agencies, and suppliers within the Northern Virginia area.

We are very confident that we can demonstrate our ability to provide VDOT with the expertise required to meet your goals and objectives for an early project completion.



Route 7 – Westbound Truck Climbing Lane From: Route 9 To: West Market Street
Virginia Department of Transportation



Project Risks



3.5. PROJECT RISKS

Identifying, understanding and managing a project's risks are crucial to the success of any project. The Route 7 – Westbound Truck Climbing Lane Design-Build Project presents a broad range of risks. The extensive experience of the LANE team positions it to recognize and effectively manage each of these risks to reduce impacts to the public and minimize the involvement of VDOT and other agencies.

3.5.1 Project Risks

The LANE team has identified the following three relevant and critical risks based on our knowledge of the Route 7 D-B project and our experience working in this region and corridor:

1. **Maintenance of Traffic**
2. **Right-of-Way Acquisition**
3. **Project Schedule**

These three risks have the greatest potential for significant negative impacts on construction to include time, cost, safety and quality. Identifying these risks allows the LANE team to thoroughly analyze the potential impacts each may cause, develop mitigation strategies, and manage the course of action to maintain control of the project.

RISK 1 - Maintenance of Traffic (MOT)

Risk Identification: Maintaining safe and unimpeded vehicular and bicycle/pedestrian access through the construction work zone.

Why is the Risk Critical: The project requires the complete reconstruction of a portion of existing Route 7 and widening all of it throughout the project. The Contract requires that traffic be allowed to travel through the project unrestricted during peak periods, with minimal impedance at all other times.

Risk Impact to the Project: Traffic flow through the work zone must be designed and maintained properly or the Project will not proceed on schedule and the safety of the public and the workforce will be in jeopardy.

Risk Mitigation Strategies and Team Experience in a Similar Situation: LANE has been building roadways for over a century. We understand how impacts to traffic can affect a project of this nature – a project in which significant interaction with high volumes of vehicles (commuter, freight, and local traffic) within tight constraints will occur.

The LANE construction team will work hand in hand with our design team, VHB, to devise a functional TMP and MOT plan that fosters safe and efficient construction. We anticipate having the designer on site for all changes to the work zone MOT as well as on a regular basis to evaluate conditions and make modifications in the field as necessary. The plan will be designed in accordance with the Virginia Work Area Protection Manual, the MUTCD, and the Virginia Supplement to the MUTCD (a document developed by VHB in concert with VDOT).

The construction team is VDOT-certified and experienced with proper maintenance of traffic procedures and techniques.

Experience: The LANE team has successfully executed the MOT on several of the most complex projects in the immediate region, each of which was delivered on time or ahead of schedule and under or on budget:

- *Dulles Rail Utilities on Route 7 in Tysons Corner*  - LANE designed the MOT and installed the same;
- *I-495 Express [HOT] Lanes*  - LANE worked with the design team to establish the MOT and then installed the same;
- *Gilberts Corner*  - this same LANE team designed and constructed the project; additionally, we developed instructional signage to introduce the use of roundabouts in the area both during the transitional phase as well as upon completion.
- *I-66 Third Lane Widening in Arlington* - LANE installed the Department's design in accordance with the Virginia Work Area Protection Manual.

Role of VDOT and Other Agencies: VDOT's role in the MOT process for this project will be simply one of owner oversight. We do not anticipate any additional role for VDOT unless unforeseen outside influences such as scope changes or work restrictions alter the Contract.

RISK 2 - Right-of-Way (ROW) Acquisition

Risk Identification: RFQ concept plans suggest there are approximately nine (9) parcels in need of some form of ROW acquisition, fifteen (15) drainage easements and, while not identified, there appear to be five (5) parcels where some form of temporary construction easement or permission may be required to properly construct the project.

Why this Risk is Critical: This project is limited to two construction seasons. Failure to have the ROW/necessary easements properly acquired in time will result in construction delays. Most utilities will not relocate under a right of entry and will require the utility easement to be in place; easement acquisition must take place early in the critical path. Similarly, in order to construct outside of the ROW, appropriate construction easements, drainage easements, land owner permission(s) or land acquisition(s) must occur.

Risk Impact to the Project: Significant elements of the project are outside of existing ROW. The sequence of construction will be impacted if these ROW and easements are not acquired in sufficient time. Negotiations and/or condemnation must occur in a timely fashion; lack of timely acquisition will negatively impact the schedule.

Risk Mitigation Strategies and Team Experience in a Similar Situation: ROW acquisition can be a timely activity depending upon the number of parcels being impacted and difficulties encountered when dealing with landowners. To ensure ROW is obtained in a timely and successful manner, our strategy will follow the VDOT process and also factor in the critical path and timeline. A typical rural project with strip acquisitions for ten parcels would follow this approximate schedule:

1. Prepare plats/plans (6 weeks)
2. Provide title exams for each parcel (3 weeks)
3. Send certified contact letters to landowners (1 week)
4. Notice-to-Proceed
5. Begin the appraisal process (2 months - for approximately 10 parcels via simple acquisition)
6. Review and approve appraisals (this process will overlap with the appraisal process, adding one more month)
7. Begin negotiation process (this process will overlap with appraisal and review, adding two more months)

To begin the ROW acquisition process, the LANE team needs to provide approved plans and plats for the appraisers and agents. The LANE team will establish the critical paths for construction, determining what will need to be done first and work with VDOT for partial plan approvals. For the Route 7 project, one such critical path would be the Fort Johnston Road improvements. By having this portion of the project identified as a critical path before the start of median work, we will be able to provide alternative access to the adjacent housing developments. Consequently, we would work with VDOT to finalize design and obtain approval for the critical roadway segments. With critical plan segments approved, plats could be prepared and Title Examination and appraisals completed. Once fair market values are established, and appraisals reviewed and approved, negotiations with land owners can begin. We anticipate that completing this ROW process, either through negotiation or the filing of a certificate, could take approximately six (6) months. All acquisition functions will conform with VDOT's ROW Manual of Instructions, The Code of Virginia and all appropriate Federal agencies.

Concurrent with the time required for acquisition of the initial critical parcels, the LANE team will move forward with other plan approvals and construction of elements of the project that are within the ROW and which do not require land or easement acquisition.

The LANE team will also be looking for subtle changes to the RFQ plan to reduce the number of land owners involved by minimizing the number of impacted properties. During the Gilberts Corner project, we successfully modified the design to reduce the number of impacted parcels thereby substantially reducing the number of negotiations.

The LANE team further acknowledges that not all negotiations revolve around final costs; some can focus on other factors important land owners. In the case of this project, we have noted that a horse paddock exists in the area where Fort Johnston Road crosses parcel 012, intersecting with Alysheba Drive. We anticipate that the land owner would probably like to maintain use of this land for his horses. This means the team needs to develop a balanced intersection design that provides the greatest intersection sight distance, reduces the skew of the intersecting road, all while trying to maintain the maximum acreage available for the paddock. Negotiations with this specific land owner could be made much easier by presenting a design that has minimal impact on his land and its use.

Role of VDOT and Other Agencies: The LANE team’s role for VDOT is limited to their own established ROW requirements per Commonwealth statutes and Department practices and regulations. We foresee no additional VDOT involvement in the ROW process.

RISK 3 - Project Schedule

Risk Identification: Designing and constructing the project within the stipulated Contract period of time.

Why is the Risk Critical: Route 7 is a critical primary transportation corridor for commuter, commerce, and local access. Trucks and heavy vehicles struggle to make the long climb up the westbound hill at speed. The slow moving vehicles are a hazard in any traffic condition but increased heavy commuter vehicle volume and local access vehicles makes a dangerous road condition *extreme*.

Risk Impact to the Project: Finishing the project late continues to expose the traveling public to a construction work zone and other temporary traffic control devices, delaying delivery of the required safety enhancements.

Risk Mitigation Strategies and Team Experience in a Similar Situation: The LANE team will implement a partnering approach to empower each stakeholder throughout design and construction. For the duration of the project, weekly team meetings will be held to identify status, schedule and future actions. These meetings will establish the basis for management and control of work as well as the mechanism used to alter the process in order to ensure schedule adherence.

To facilitate issue resolution before it becomes a problem, construction personnel will be integrally involved in all design reviews to provide constructability assessments. Furthermore, they will assist in the development of the design by providing over-the-shoulder reviews, especially as it relates to TMP, drainage, E&S and any elements of design that affects utilities. Lead Designer VHB adheres to a very detailed Quality Management Plan (QMP). This QMP includes mechanisms for tracking, altering and implementing changes to the design process to ensure that the integrity of the design is maintained with the ultimate goal of maintaining scope, budget and schedule.

Construction personnel are the first line of review for designers.

Design personnel don’t disappear during the Construction Phase ... they remain an integral project partner.

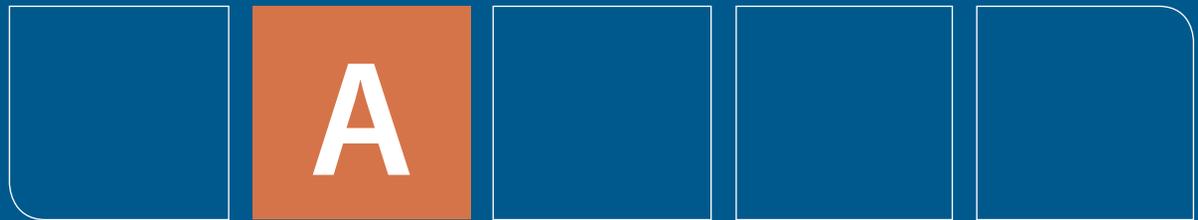
During construction, design personnel will remain involved with the project through final acceptance. This hands-on involvement will allow quick resolution to construction issues as they arise before they become delays to the schedule. LANE has an excellent track record of meeting aggressive schedules and delivering a quality project to the Owner.

LANE will proactively manage a project schedule using Primavera P-6 software as a key tool to complete the project on time and within budget. A project engineer will be assigned whose primary responsibility will be to maintain the schedule. As issues that could negatively affect the project are identified and defined, “fragnets” will be inserted into the Project Schedule for impact mitigation analysis to provide LANE Management with the information required to make sound decisions to regain the project schedule. LANE recognizes that on linear projects, such as this one, early resolution and mitigation of issues, with minor accelerations of critical areas where necessary, generally provide the most cost effective solution. Accordingly, the LANE team will invest the time and resource to work with VDOT, NVRPA, Loudoun County, the Town of Leesburg and other project stakeholders to ensure a timely and cost effective solution is implemented.

The project team will communicate pertinent roadway improvement activities via our public outreach process. The LANE team will strive for timely review of final design drawings by applicable reviewing agencies.

Experience: This LANE team successfully implemented this scheduling process on the Gilberts Corner project to overcome unanticipated subsurface soil condition issues and impacts related to changes requested by the local Route 50 Task Force. LANE also used this schedule-control process successfully on the recently completed I-495 Express [HOT] Lanes project related to dynamic MOT issues and weather impacts.

Role of VDOT and Other Agencies: The role of the Department and other regulatory agencies in the schedule process for this project will be one of oversight. The LANE team will hold regular schedule and progress meetings on the project to which we will invite VDOT and other relevant agencies/stakeholders to obtain their consensus and keep them informed of the progress. We do not anticipate a role for VDOT unless unforeseen outside influences, such as scope changes or work restrictions, change the Contract.



Appendix

ATTACHMENT 3.1.2

Project: 6007-053-133, R201, C501

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

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

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Statement of Qualifications Checklist and Contents	Attachment 3.1.2	Section 3.1.2	no	A-1 – A-3
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	A4
Letter of Submittal (on Offeror's letterhead)				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	2
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	A5
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	A-6 – A-15
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	A16
Evidence of obtaining bonding	NA	Section 3.2.9	no	A-17 – A-20

ATTACHMENT 3.1.2

Project: 6007-053-133, 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
Full size copies of SCC and DPOR registration documentation (appendix)	NA	Section 3.2.10	no	A-23 – A-46
SCC Registration	3.2.10	Section 3.2.10.1	no	A-23 – A-28
DPOR Registration (Offices)	3.2.10	Section 3.2.10.2	no	A-29 – A-34
DPOR Registration (Key Personnel)	3.2.10	Section 3.2.10.3	no	A-35 – A-42
DPOR Registration (Non-APELSCIDLA)	3.2.10	Section 3.2.10.4	no	A-43 – A-46
DBE statement within Letter of Submittal confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.11	yes	2
Offeror’s Team Structure				3
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	5-6
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	A-75 – A-76
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	A-77 – A-78
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	A-79 – A-80
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	A-81 – A-82
Organizational chart	NA	Section 3.3.2	yes	8
Organizational chart narrative	NA	Section 3.3.2	yes	7-8
Experience of Offeror’s Team				9

ATTACHMENT 3.1.2

Project: 6007-053-133, 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
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	A-83 – A-85
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	A-86 – A-88
Project Risk				13
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	13-15

ATTACHMENT 2.10

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00058599DB54
PROJECT NO.: 6007-053-133, 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 10/31/12
(Date)
2. Cover letter of Addendum #1 – 12/14/12
(Date)
3. Cover letter of _____
(Date)



Mark A. Schiller
Regional Vice President
Mid-Atlantic Region

SIGNATURE

January 10, 2013

DATE

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

	January 10, 2013	Mark A. Schiller
Signature	Date	Regional Vice President, Mid-Atlantic Region
		Title

The Lane Construction Corporation

Name of Firm

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

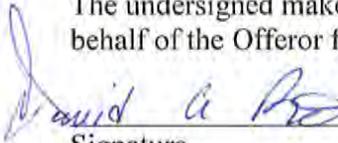
b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under 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 _____
Date 12/5/12

Mid-Atlantic Regional Manager
Title

Vanasse Hangen Brustlin, Inc.
Name of Firm _____

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

<u>T. L. Lystad</u>	<u>11/26/12</u>	<u>President</u>
Signature	Date	Title

Athavale, Lystad & Associates, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

<u>Rafael T. Cervantes, P.E.</u>	<u>JANUARY 10, 2013</u>	<u>PRESIDENT</u>
Signature	Date	Title
<u>RAFAEL T. CERVANTES, P.E.</u>		
<u>CERVANTES & ASSOCIATES, P.C.</u>		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

Paul L 11/26/12 Principal
Signature Date Title

GeoConcepts Engineering, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

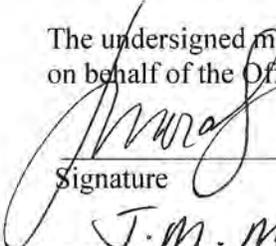
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

 11/16/12 President
Signature Date Title
J.M. Morales & Associates
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

	December 17, 2012	President
Signature	Date	Title
Quinn Consulting Services, Inc.		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

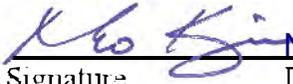
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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 _____

November 14, 2012
Date

Director of Transportation/VP of Operations
Title

RINKER DESIGN ASSOCIATES, P.C.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

<u>David Schmitt</u>	<u>12-14-12</u>	<u>Principal/Secretary</u>
Signature	Date	Title
<u>Specialized Engineering</u>		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 6007-053-133, 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.

	12/10/12	Managing Member
Signature	Date	Title

Traffic Signals Plus, PLLC
Name of Firm

TRANSPORT - E22
LSPPREQ

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PREQUALIFIED VENDORS SORTED BY VENDOR NAME
THIS LIST INCLUDES ALL PREQUALIFIED LEVELS
AS OF 11/02/2012

11/02/2012
2:01 PM
PAGE 240

- L -

=====
L002
THE LANE CONSTRUCTION CORPORATION
PREQ. EXP : 06/30/2013

--PREQ ADDRESS -----	WORK CLASSES (LISTED BUT NOT LIMITED TO)
90 FIELDSTONE COURT	002 - GRADING
CHESHIRE, CT 06770-1212	003 - MAJOR STRUCTURES
PHONE : 203-235-3351	004 - ASPHALT CONCRETE PAVING
FAX : 203-237-4260	006 - PORTLAND CEMENT CONCRETE PAVING
	007 - MINOR STRUCTURES
	045 - UNDERGROUND UTILITIES

BUSINESS CONTACT: ALGER, ROBERT EVERETT
EMAIL: VAPREQUAL@LANECONSTRUCT.COM

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

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

***Fidelity and Deposit Company of Maryland
Liberty Mutual Insurance Company***

November 28, 2012

Virginia Department of Transportation
Attention: Ian Millikan, PE
1401 East Broad Street
Richmond, VA 23219

**RE: The Lane Construction Corporation
Request for Qualifications
Route 7 – Westbound Truck Climbing Lane Design-Build
Contract Number: C00058599DB54
Estimated Value of Project: \$32,000,000.00**

Dear Ms. Millikan:

This letter will serve to confirm that The Lane Construction Corporation is a highly regarded and valued client of Aon Construction Services and the sureties, Fidelity and Deposit Company of Maryland and Liberty Mutual Insurance Company (the 'co-surety'). Each surety company is licensed to conduct surety business in the state of Virginia, and each surety company holds a Certificate of Authority as listed in the Department of the Treasury's Listing of Approved Sureties (Department Circular 570) dated July 1, 2012. Furthermore, each surety company is rated "A" or better by A.M. Best Company, both with Financial Size Category "XV".

The Lane Construction Corporation has developed a strong track record of completing complex construction projects on time and within the available budget. In the recent past, the co-surety has executed bonds on behalf of The Lane Construction Corporation for individual projects with contract values approaching \$350,000,000 and corresponding backlogs approaching \$2,000,000,000. At this time, The Lane Construction Corporation has more than sufficient bonding capacity available to meet the requirements of this project. The co-surety is prepared to provide 100% Performance and 100% Labor and Materials Payment Bonds for this Project as proposed in the RFQ, in the amount of the anticipated cost of construction should The Lane Construction Corporation be the successful bidder and enter into a contract for this Project.

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

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

Sincerely,

Fidelity and Deposit Company of Maryland
Liberty Mutual Insurance Company


Theresan E. Rowedder
Attorney-in-Fact

Aon Risk Services
One Federal Street
20th Floor
Boston, MA 02110
860-830-1769

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

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

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

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 23rd day of August, A.D. 2012.

ATTEST:

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



By: *Eric D. Barnes*
 Assistant Secretary
 Eric D. Barnes

Thomas O. McClellen
 Vice President
 Thomas O. McClellen

State of Maryland
 City of Baltimore

On this 23rd day of August, A.D. 2012, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLEN, Vice President, and ERIC D. BARNES, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

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

Maria D. Adamski
 Maria D. Adamski, Notary Public
 My Commission Expires: July 8, 2015



EXTRACT FROM BY-LAWS OF THE COMPANIES

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

CERTIFICATE

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

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

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

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

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

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 28th day of NOVEMBER, 2012.



Geoffrey Delisio

Geoffrey Delisio, Vice President

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

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

5400237

Certificate No. _____

American Fire and Casualty Company
The Ohio Casualty Insurance Company
West American Insurance Company

Liberty Mutual Insurance Company
Peerless Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of Ohio, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, that Peerless Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, **JEAN M. FEENEY, KEVIN A. WHITE, MARK P. HERENDEEN, SUSAN M. KEDIAN, JEAN CORREIA, MARIA CHAVES, BRIAN DRISCOLL, THERESAN E. ROWEDDER, JANE GILSON,**

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 23rd day of MAY, 2012.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
Peerless Insurance Company
West American Insurance Company

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

STATE OF WASHINGTON ss
COUNTY OF KING

On this 23rd day of MAY, 2012, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, Peerless Insurance Company and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: *KD Riley*
KD Riley, Notary Public

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

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 23th day of NOVEMBER, 20 12.



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

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

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

ATTACHMENT 3.2.10
State Project No. 0064-964-110, P101, C501, RW201
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.

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
The Lane Construction Corporation	F0254476	Foreign Corporation	Active	90 Fieldstone Court Cheshire, CT 06410	Class A Contractor	2701011871	1/31/14
Vanasse Hangen Brustlin, Inc.	F1170440	Foreign Corporation	Active	8300 Boone Boulevard, Suite 700 Vienna, VA 22182	Business Entity Branch Office	0411000427	2/28/14
Athavale, Lystad and Associates, Inc.	F0605842	Foreign Corporation	Active	8180 Greensboro Drive #550 McLean, VA 22103	Business Entity	0407002804	12/31/13
Cervantes and Associates, PC	02091239	Corporation	Active	4229 Lafayette Center Drive, Suite 1125 Chantilly, VA 20151	Professional Corporation	0405000317	12/31/13
GeoConcepts Engineering, Inc.	05167671	Corporation	Active	19955 Highland Vista Drive Suite 170 Ashburn, VA 20147	Business Entity	0407004404	12/31/13
J.M. Morales & Associates, PC	04400891	Corporation	Active	1320 Pavilion Club Way Reston, VA 20194	Professional Corporation	0405001845	12/31/13
Quinn Consulting Services Inc.	04925517	Corporation	Active	14160 Newbrook Drive Suite 220 Chantilly VA, 20151	Business Entity	0407003733	12/31/13
Rinker Design Associates, P.C.	02270627	Corporation	Active	9385 Discovery Boulevard Suite 200 Manassas, VA 20109	Professional Corporation	0405000502	12/31/13
Rinker Design Associates, P.C.	02270627	Corporation	Active	9385 Discovery Boulevard Suite 200 Manassas, VA 20109	Appraisal Business	4008001684	2/28/2013
Specialized Engineering Corp (DIW Group, Inc.)	F1281908	Foreign Corporation	Active	4845 International Blvd #104 Frederick, Md 21703	Business Entity Registration	0407004748	12/31/13
Traffic Signals Plus, PLLC	S2997577	Limited Liability Company	Active	621 French's Store Rd Cumberland, VA 23040	Professional Limited Liability Company	0413000317	12/31/13
Appraisal Review Specialists, LLC	T0490682	Foreign Limited Liability Company	Active	3058 Mount Vernon Road, Suite 12, Hurricane, West Virginia 25526	Appraisal Business	4008001735	4/30/14

ATTACHMENT 3.2.10
State Project No. 0064-964-110, P101, C501, RW201
SCC and DPOR Information

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
VHB	Charles O'Connell*	8300 Boone Boulevard, Suite 700 Vienna, VA 22182	12977 Hampton Forest CT Fairfax, VA 22030	Professional Engineer License	0402024735	2/28/2014
VHB	Tyson Rosser	Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, VA 23462	2428 Glenmore Hunt Trail Virginia Beach, VA 23456	Professional Engineer License	0402041066	5/31/13
VHB	Doug DeBerry	351 McLaws Circle, Suite 3 Williamsburg, VA 23185	351 McLaws Circle, Suite 3 Williamsburg, VA 23185	Professional Wetland Delineator Certification	3402000022	8/31/13
Athavale, Lystad and Associates, Inc.	Tewolde Iyob	8180 Greensboro Drive #550 McLean, VA 22103	12720 Autumn Crest Drive Oak Hill, VA 20171	Professional Engineer License	0402017408	6/30/13
Cervantes and Associates, PC	Rafael Cervantes	4229 Lafayette Center Drive, Suite 1125 Chantilly, VA 20151	4229 Lafayette Center Drive, Suite 1125 Chantilly, VA 20151	Professional Engineer License	0402008444	12/31/14
GeoConcepts Engineering, Inc.	Paul Burkart	19955 Highland Vista Drive, Suite 170 Ashburn, VA 20147	19955 Highland Vista Drive, Suite 170 Ashburn, VA 20147	Professional Engineer License	0402021556	3/31/14
J.M. Morales & Associates, PC	Juan Morales	1320 Pavilion Club Way Reston, VA 20194	1320 Pavilion Club Way Reston, VA 20194	Professional Engineer License	0402016676	1/31/14
Quinn Consulting Services Inc.	John Vicinski*	14160 Newbrook Drive Suite 220 Chantilly VA, 20151	4609 Marble Rock Ct Chantilly, VA 20151	Professional Engineer License	0402026380	8/31/13
Rinker Design Associates, P.C.	James Moore	9385 Discovery Boulevard, Suite 200 Manassas, VA 20109	3514 Delashmutt Drive Haymarket, VA 20151	Real Estate Appraiser	4001000502	2/28/14
Rinker Design Associates, P.C.	Chris Calamos	9385 Discovery Boulevard, Suite 200 Manassas, VA 20109	PO Box 7907 Fredericksburg, VA 22401	Real Estate Appraiser	4001012863	11/30/13
Rinker Design Associates, P.C.	Stephen Seay	9385 Discovery Boulevard, Suite 200 Manassas, VA 20109	9401 Oaklet Court Fredericksburg, VA 22407	Land Surveyor License	0403001763	6/30/14
Traffic Signals Plus, PLLC	Mohamed Galal ElGazzar	621 French's Store Rd Cumberland, VA 23040	15335 Edgehill Drive Dumfries, VA 22025	Professional Engineer License	0402039013	1/31/14

*Key Personnel

SCC Licenses



SCC eFile
Business Entity Details



THE LANE CONSTRUCTION CORPORATION

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

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

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](#)

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

Principal Office

90 FIELDSTONE COURT
CHESHIRE CT06410

Registered Agent/Registered Office

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



SCC eFile
Business Entity Details



Vanasse Hangen Brustlin, Inc.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: F1170440
Entity Type: Foreign Corporation
Jurisdiction of Formation: MA
Date of Formation/Registration: 3/18/1994
Status: Active
Shares Authorized: 15000

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](#)

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

Principal Office

101 WALNUT ST.
WATERTOWN MA02471

Registered Agent/Registered Office

REGISTERED AGENT SOLUTIONS INC
7288 HANOVER GREEN DR
MECHANICSVILLE VA 23111
HANOVER COUNTY 142
Status: Active
Effective Date: 12/11/2008



SCC eFile
Business Entity Details



ATHAVALA, LYSTAD & ASSOCIATES, INC.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: F0605842
 Entity Type: Foreign Corporation
 Jurisdiction of Formation: MD
 Date of Formation/Registration: 3/2/1989
 Status: Active
 Shares Authorized: 1000

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](#)

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

Principal Office

8180 GREENSBORO DR STE 550
 MCLEAN VA22102

Registered Agent/Registered Office

REES BROOME, PC
 1900 GALLOWES RD STE 700
 TYSONS CORNER VA 22182
 FAIRFAX COUNTY 129
 Status: Active
 Effective Date: 9/1/2012



SCC eFile
Business Entity Details



CERVANTES & ASSOCIATES, P.C.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: 02091239
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 8/28/1980
 Status: Active
 Shares Authorized: 25000

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](#)
[Submit a PDF for processing \(What can I submit?\)](#)
[View eFile transaction history](#)

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

Principal Office

4229 LAFAYETTE CENTER DR
 STE 1125
 CHANTILLY VA20151

Registered Agent/Registered Office

W THOMAS PARROTT III
 8065 LEESBURG PIKE STE 200
 VIENNA VA 22182
 FAIRFAX COUNTY 129
 Status: Active
 Effective Date: 9/25/2012



SCC eFile
Business Entity Details



GeoConcepts Engineering, Inc.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: 05167671
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 2/25/1999
 Status: Active
 Shares Authorized: 5000

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](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

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

Principal Office

19955 HIGHLAND VISTA DRIVE
 SUITE 170
 ASHBURN VA20147

Registered Agent/Registered Office

VIVIAN LEWIS
 GEOCONCEPTS ENGINEERING INC
 19955 HIGHLAND VISTA DR #170
 ASHBURN VA 20147
 LOUDOUN COUNTY 153
 Status: Active
 Effective Date: 11/24/2004



SCC eFile
Business Entity Details



J. M. MORALES & ASSOCIATES, P.C.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: 04400891
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 1/18/1995
 Status: Active
 Shares Authorized: 5000

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](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

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

Principal Office

1320 PAVILION CLUB WAY
 RESTON VA20194

Registered Agent/Registered Office

RICHARD JOHN RUDDY JR
 THE RUDDY LAW FIRM A PC
 10427 NORTH ST STE 200
 FAIRFAX VA 22030
 FAIRFAX CITY (FILED IN FAIRFAX COUNTY)
 303
 Status: Active
 Effective Date: 11/10/2010



SCC eFile
Business Entity Details

[Help](#)

QUINN CONSULTING SERVICES INCORPORATED

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

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

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](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

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

Principal Office

14160 NEWBROOK DRIVE
SUITE 220
CHANTILLY VA20151

Registered Agent/Registered Office

JOHN H QUINN JR
2208 S KNOLL ST
ARLINGTON VA 22202
ARLINGTON COUNTY 106
Status: Active
Effective Date: 10/24/1997



SCC eFile
Business Entity Details

[Help](#)

Rinker Design Associates, P.C.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

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

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](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

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

Principal Office

9385 DISCOVERY BOULEVARD
SUITE 200
MANASSAS VA20109

Registered Agent/Registered Office

JOHN S WISIACKAS
ODIN FELDMAN & PITTMAN PC
1775 WIEHLE AVENUE STE 400
RESTON VA 20190
FAIRFAX COUNTY 129
Status: Active
Effective Date: 8/27/2012



SCC eFile
Business Entity Details

[Help](#)

DIW GROUP, INC.

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: F1281908
Entity Type: Foreign Corporation
Jurisdiction of Formation: MD
Date of Formation/Registration: 1/30/1997
Status: Active
Shares Authorized: 2000000

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

4845 INTERNATIONAL BLVD.
#104
FREDERICK MD21703

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

Registered Agent/Registered Office

CHARLES MITCHELL
21601 AVENS CT
ASHBURN VA 20148
LOUDOUN COUNTY 153
Status: Active
Effective Date: 1/30/1997



SCC eFile
Business Entity Details

[Help](#)

Traffic Signals Plus, PLLC

SCC eFile
SCC eFile Home Page
Check Name
Distinguishability
Business Entity Search
Certificate Verification
FAQs
Contact Us
Give Us Feedback
Business Entities
UCC or Tax Liens
Court Services
Additional Services

General

SCC ID: S2997577
Entity Type: Limited Liability Company
Jurisdiction of Formation: VA
Date of Formation/Registration: 8/3/2009
Status: Active

Select an action

- [File a registered agent change](#)
- [File a registered office address change](#)
- [Resign as registered agent](#)
- [Pay annual registration fee](#)
- [Order a certificate of fact of existence](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

Principal Office

621 FRENCHS STORE RD
CUMBERLAND VA23040

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

Registered Agent/Registered Office

VIRGINIA PROFESSIONAL SERVICES LLC
3850 Gaskins Rd., Suite 120
Richmond VA 23233
HENRICO COUNTY 143
Status: Active
Effective Date: 5/4/2011

DPOR Firm Licenses

Details of license number 2701011871

Name: THE LANE CONSTRUCTION CORPORATION
License Number: 2701011871
License Description: Contractor (Class A)
[Class Definitions](#)
Trading Name: VIRGINIA PAVING COMPANY
Business Type: Corporation
Address: 90 FIELDSTONE COURT
CHESHIRE, CT 06410
Specialties/Classifications:

- BUILDING
- HIGHWAY / HEAVY

[Classification Definitions](#)
[Specialty Definitions](#)
Initial Certification Date: October 12, 1972
Expiration Date: January 31, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[\[Code of Virginia Section 54.1-108\]](#). Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Recovery Fund Claims include claims against a licensee where a judgment has been obtained for improper or dishonest conduct in a court of law. The Contractors Transaction Recovery Fund and the Real Estate Transaction Recovery Fund provide monetary relief to consumers who incur losses through the improper and dishonest conduct of a licensed contractor or licensed real estate professional. The funds are supported entirely by assessments paid by licensed contractors and licensed real estate professionals, not by any tax revenues.

Details of license number 0411000427

Name: VANASSE HANGEN BRUSTLIN INC
License Number: 0411000427
License Description: Business Entity Branch Office Registration
Trading Name: VHB
Address: 8300 BOONE BLVD STE 700
VIENNA, VA 22182
Initial Certification Date: January 11, 2006
Expiration Date: February 28, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[\[Code of Virginia Section 54.1-108\]](#). Members of the public may review official records and obtain copies only after a complaint investigation is closed.

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To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0407002804

Name: ATHAVALLE LYSTAD AND ASSOCIATES INC
License Number: 0407002804
License Description: Business Entity Registration
Address: 8180 GREENSBORO DRIVE #550
MCLEAN, VA 22102
Initial Certification Date: April 20, 1987
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0405000317

Name: CERVANTES & ASSOCIATES P C
License Number: 0405000317
License Description: Professional Corporation Registration
Business Type: PC
Address: 4229 LAFAYETTE CENTER DRIVE SUITE 1125
CHANTILLY, VA 20151
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0407004404

Name: GEOCONCEPTS ENGINEERING INC
License Number: 0407004404
License Description: Business Entity Registration
Business Type: CORP
Address: 19955 HIGHLAND VISTA DRIVE SUITE 170
ASHBURN, VA 20147
Initial Certification Date: March 28, 2003
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0405001845

Name: J.M. MORALES & ASSOCIATES P.C.
License Number: 0405001845
License Description: Professional Corporation Registration
Business Type: PC
Address: 1320 PAVILLION CLUB WAY
RESTON, VA 20194
Initial Certification Date: June 24, 2011
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0407003733

Name: QUINN CONSULTING SERVICES INC
License Number: 0407003733
License Description: Business Entity Registration
Address: 14160 NEWBROOK DR SUITE 220
CHANTILLY, VA 20151
Initial Certification Date: March 5, 1998
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0405000502

Name: RINKER DESIGN ASSOCIATES PC
License Number: 0405000502
License Description: Professional Corporation Registration
Business Type: PC
Address: 9385 DISCOVERY BOULEVARD SUITE 200
MANASSAS, VA 20109
Initial Certification Date: July 16, 1986
Expiration Date: December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0407004748

Name:	DIW GROUP INC
License Number:	0407004748
License Description:	Business Entity Registration
Trading Name	SPECIALIZED ENGINEERING
Business Type:	CORP
Address:	4845 INTERNATIONAL BLVD #104 FREDERICK, MD 21703
Initial Certification Date:	November 1, 2005
Expiration Date:	December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0413000317

Name:	TRAFFIC SIGNALS PLUS PLLC
License Number:	0413000317
License Description:	Professional Limited Liability Company
Business Type:	PLLC
Address:	621 FRENCH'S STORE RD CUMBERLAND, VA 23040
Initial Certification Date:	March 24, 2010
Expiration Date:	December 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

DPOR Individual Licenses

Details of license number 0402024735

Name: O'CONNELL, CHARLES KENNETH
License Number: 0402024735
License Description: Professional Engineer License
Address: FAIRFAX VA, 22030
Initial Certification Date: February 7, 1994
Expiration Date: February 28, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402041066

Name: ROSSER, TYSON NEALE
License Number: 0402041066
License Description: Professional Engineer License
Address: VIRGINIA BEACH VA, 23456
Initial Certification Date: May 5, 2005
Expiration Date: May 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 3402000022

Name: DEBERRY, DOUGLAS A
License Number: 3402000022
License Description: Professional Wetland Delineator Certification
Address: WILLIAMSBURG VA, 23185
Initial Certification Date: August 22, 2005
Expiration Date: August 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402034164

Name: CAVUCCI, MICHELLE SMITH
License Number: 0402034164
License Description: Professional Engineer License
Address: ROUND HILL VA, 20141
Initial Certification Date: January 31, 2000
Expiration Date: January 31, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402017408

Name:	IYOB, TEWOLDE A.
License Number:	0402017408
License Description:	Professional Engineer License
Address:	OAK HILL VA, 20171
Initial Certification Date:	June 23, 1987
Expiration Date:	June 30, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402008444

Name:	CERVANTES, RAFAEL T
License Number:	0402008444
License Description:	Professional Engineer License
Address:	CHANTILLY VA, 20151
Initial Certification Date:	November 7, 1975
Expiration Date:	December 31, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402021556

Name: BURKART, PAUL EDWARD
License Number: 0402021556
License Description: Professional Engineer License
Address: ASHBURN VA, 20147
Initial Certification Date: August 30, 1990
Expiration Date: March 31, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

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To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402016676

Name: MORALES, JUAN MANUEL
License Number: 0402016676
License Description: Professional Engineer License
Address: RESTON VA, 20194
Initial Certification Date: July 21, 1986
Expiration Date: January 31, 2014

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 0402026380

Name:	VICINSKI, JOHN KEVIN
License Number:	0402026380
License Description:	Professional Engineer License
Address:	CHANTILLY VA, 20151
Initial Certification Date:	August 10, 1995
Expiration Date:	August 31, 2013

[print](#)

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints**[[Code of Virginia Section 54.1-108](#)]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's [Public Records Access](#) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov.

Details of license number 4001000502

Name:	MOORE, JAMES M
License Number:	4001000502
License Status:	Active
License Description:	Real Estate Appraiser
Type	Certified General
Address:	HAYMARKET VA, 20169
Initial Certification Date:	February 19, 1992
Expiration Date:	February 28, 2014
Continuing Education:	Click here to view continuing education.

[print](#)

Complaints

No Open Complaints

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Details of license number 4001012863

Name: CALAMOS, CHRISTOPHER STAVROS
License Number: 4001012863
License Status: Active
License Description: Real Estate Appraiser
Type: Certified Residential
Address: FREDERICKSBURG VA, 22401
Initial Certification Date: November 30, 2007
Expiration Date: November 30, 2013
Continuing Education: [Click here to view continuing education.](#)

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Complaints

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Details of license number 0403001763

Name: SEAY, STEPHEN MONROE
License Number: 0403001763
License Description: Land Surveyor License
Address: FREDERICKSBURG VA, 22407
Initial Certification Date: June 27, 1990
Expiration Date: June 30, 2014

[print](#)

Complaints

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Details of license number 0402039013

Name:	ELGAZZAR, MOHAMED G
License Number:	0402039013
License Description:	Professional Engineer License
Address:	DUMFRIES VA, 22025
Initial Certification Date:	January 7, 2004
Expiration Date:	January 31, 2014

[print](#)

Complaints

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RFQ Section 2.2, Offeror's Scope of Work states:

“Right-of-way work includes all items necessary to acquire the right-of-way. The Offeror's Right-of-Way team member shall be a VDOT prequalified right-of-way contracting consultant, and must include a VDOT prequalified Fee Appraiser and a VDOT prequalified Review Appraiser. All Right of Way acquisitions and relocations shall be performed in accordance with the VDOT Right of Way Manual and all applicable state and federal laws and regulations.”

The LANE team has fulfilled this requirement through Rinker Design Associates and Appraisal Review Specialists, LLC. Licensure information can be found on the following page.

Information for VDOT Prequalified Fee and Review Appraisers/Appraisal Firms for this submission can be found on pages 26 and 29 of the attached document, titled “APPRAISERS/APPRAISAL FIRMS APPROVED BY VDOT TO PERFORM APPRAISAL SERVICES”.

Details of license number 4008001735

Name: APPRAISAL REVIEW SPECIALISTS LLC
License Number: 4008001735
License Description: Appraisal Business Registration
Business Type: L
Address: 3058 MOUNT VERNON ROAD SUITE 12
HURRICANE, WV 25523
Initial Certification Date: April 5, 2012
Expiration Date: April 30, 2014

[print](#)

Complaints

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Business Entity Details [Help](#)

Appraisal Review Specialists, LLC

SCC eFile <ul style="list-style-type: none">SCC eFile Home PageCheck NameDistinguishabilityBusiness Entity SearchCertificate VerificationFAQsContact UsGive Us Feedback	General <p>SCC ID: T0490682 Entity Type: Foreign Limited Liability Company Jurisdiction of Formation: WV Date of Formation/Registration: 2/3/2012 Status: Active</p>	Select an action <ul style="list-style-type: none">File a registered agent changeFile a registered office address changeResign as registered agentPay annual registration feeOrder a certificate of fact of registration in VirginiaSubmit a PDF for processing (What can I submit?)View eFile transaction historyManage email notifications
Business Entities	Principal Office <p>3058 MOUNT VERNON RD HURRICANE WV25526</p>	New Search Home
UCC or Tax Liens	Registered Agent/Registered Office <p>INCORP SERVICES INC 7288 HANOVER GREEN DR MECHANICSVILLE VA 23111 HANOVER COUNTY 142 Status: Active Effective Date: 2/3/2012</p>	
Court Services		
Additional Services		

Details of license number 4008001684

Name: RINKER DESIGN ASSOCIATES PC
 License Number: 4008001684
 License Description: Appraisal Business Registration
 Business Type: Corporation
 Address: 9385 DISCOVERY BOULEVARD SUITE 200
 MANASSAS, VA 20109
 Initial Certification Date: February 10, 2011
 Expiration Date: February 28, 2013

[print](#)

Complaints

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SCC eFile
Business Entity Details

[Help](#)

Rinker Design Associates, P.C.

SCC eFile

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- Check Name
- Distinguishability
- Business Entity Search
- Certificate Verification
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- Contact Us
- Give Us Feedback

Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

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

Principal Office

9385 DISCOVERY BOULEVARD
 SUITE 200
 MANASSAS VA20109

Registered Agent/Registered Office

JOHN S WISIACKAS
 ODIN FELDMAN & PITTLEMAN PC
 1775 WIEHLE AVENUE STE 400
 RESTON VA 20190
 FAIRFAX COUNTY 129
 Status: Active
 Effective Date: 8/27/2012

Select an action

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Details of license number 4001012863

Name: CALAMOS, CHRISTOPHER STAVROS
License Number: 4001012863
License Status: Active
License Description: Real Estate Appraiser
Type: Certified Residential
Address: FREDERICKSBURG VA, 22401
Initial Certification Date: November 30, 2007
Expiration Date: November 30, 2013
Continuing Education: [Click here to view continuing education.](#)

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Details of license number 4001000502

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License Number: 4001000502
License Status: Active
License Description: Real Estate Appraiser
Type: Certified General
Address: HAYMARKET VA, 20169
Initial Certification Date: February 19, 1992
Expiration Date: February 28, 2014
Continuing Education: [Click here to view continuing education.](#)

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

SENIOR APPRAISER DESIGNATION

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
<u>BRISTOL</u>		
Castle, David N. Certified General	310 W. Main Street P. O. Box 1296 Lebanon, Virginia 24266 (276) 889-4020 (276) 889-2749 – Fax Dcastle@naxs.com	
Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 davisappraisals@embarqmail.com douglad@embarqmail.com	SWAM
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (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 elizabeth@jmaappraisals.com	SWAM/DBE
Klutz, Warren MAI, SRA, CCIM Certified General	Warren Klutz & Company 1241 Volunteer Parkway, Suite 426 Bristol, Tennessee 37620 (423) 968-4546 (423) 968-4544 - Fax warren@warrenklutz.org	

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 Certified General
 ValueTech, Inc.
 3959 Electric Road, Suite 460
 Roanoke, Virginia 24018
Gratitude@netscape.com
 (540) 293-8095
 (866) 270-8173 - Fax

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davisappraisals@embarqmail.com
douglad@embarqmail.com
SWAM

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 (291) 493-6845

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SWAM/DBE

Meers, Rodney Allen.
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 124 W. Main Street
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 (540) 672-1878 – Fax
pat@piedmontappraisalco.com

Robinson, Walter A., Jr.
 GAA
 Certified General
 7209 Candy Meadow Lane
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 (540) 347-9008
 (540) 347-4840
warjr7209@aol.com

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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 jdew@jbdassociates.com	
Pape, Karen, MAI, SRA President SENIOR APPRAISER	Pape & Company, Inc. 1421 Sachem Place, Suite 1 Charlottesville, Virginia 22901 (434) 975-6640 (434) 975-6641 karen@papeandco.com	SWAM/DBE
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 - Fax	

FREDERICKSBURG

Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 davisappraisals@embarqmail.com douglad@embarqmail.com	SWAM
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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 elizabeth@jmaappraisals.com	SWAM/DBE
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 mhtrc@aol.com	SWAM/DBE
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	\$850.00 Duplicate
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 jdew@jbdassociates.com	
Meers, Rodney Allen. 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 rodney@jmaappraisals.com	SWAM/DBE
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 - Fax	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
<u>HAMPTON ROADS</u>		
Agnew, W. Frank Certified General	604 Queensgrove Court Virginia Beach, Virginia 23452 (757) 484-7100 (757) 484-7299 – Fax jharry4540@aol.com	
Dundon, Brian J. MAI Certified General	Brian J. Dundon & Associates 192 Ballard Court, Suite 104 Virginia Beach, Virginia 23462 (757) 456-1136 (757) 456-5278 - Fax dundon@dundonappraisals.com	
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 pse@eckertandco.com	SWAM/DBE
Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 davisappraisals@embarqmail.com douglad@embarqmail.com	SWAM
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 jdew@jbdassociates.com	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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 apgrice@verizon.net	
Grice, A. P., IV 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 apgrice@verizon.net	
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 acgva@juno.com	
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 elizabeth@jmaappraisals.com	SWAM/DBE
Harry, J. C., III MAI, SRA Certified General	John C. Harry, Inc. 3800 Poplar Hill Road, Suite G Chesapeake, Virginia 23321 (757) 484-7100 (757) 484-7299 – Fax JCHarryInc@live.com	
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 jdew@jbdassociates.com	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Jones, Evelyn W. Certified General	Appraisal Management Group 321 Northbrooke Avenue Suffolk, Virginia 23434 (757) 539-7264 (757) 636-2077 (757) 539-8607 – Fax calvinandevelynjones@verizon.net	
Meers, Rodney Allen. 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 rodney@jmaappraisals.com	SWAM/DBE
Petrie, Allen Certified General	524 Rodney Lane Virginia Beach, Virginia 23464 (757) 724-1027 (757) 420-1287 – Fax alpetrie@cox.net	
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Sanford, Bradley R. Principal, MAI Certified General	Dominion Realty Advisors, Inc. 5360 Robin Hood Road, Suite 101 Norfolk, Virginia 23513 (757) 858-1818 (757) 858-1619 – Fax bsanford@domreal.com	
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Crider, Charles F. MAI,	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Colorito, Lawrence J. MAI, MRICS	Axial Advisory Group, LLC 656 Independence Pkwy. Suite 220 Chesapeake, VA 23320 lcolorito@axialadvisory.com (757) 410-1222 (757) 410-2956	
Kapusta, Carolyn T. MAI	Axial Advisory Group, LLC 656 Independence Pkwy. Suite 220 Chesapeake, VA 23320 ckapusta@axialadvisory.com (757) 410-1222 (757) 410-2956	
<u>LYNCHBURG</u>		
Cole, W. Gordon MAI Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax gordon@jmaappraisals.com	SWAM/DBE
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Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	
Gentry, R. G. MAI Certified General	28 Preston Place Lynchburg, Virginia 24502 (434) 455-2314 (434) 239-4058 – Fax arghee@aol.com	SWAM/DBE
Gordon, Stephen H. 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 stephen@jmaappraisals.com	SWAM/DBE
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 elizabeth@jmaappraisals.com	SWAM/DBE
Johnston, James R. MAI, SRA Certified General	Hallmark Properties, Inc. 3713 Old Forest Road Lynchburg, Virginia 24501 (434) 385-9610 (434) 385-8131 – Fax Jim.Johnston@hallmarkprop.com	
King, Susan M. MAI Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 (336) 275-9440 – Fax susan@jmaappraisals.com	SWAM/DBE

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Meers, Rodney Allen. 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 rodney@jmaappraisals.com	SWAM/DBE
May, Sharon H. MAI Certified General	Milton-May Appraisal Company, Inc. P. O. Box 4288 Lynchburg, Virginia 24502 (434) 455-2301 (434) 455-0304 – Fax shmay@miltonmay.com	SWAM/DBE
McCracken, John M. MAI, SREA, CRE Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 (336) 275-9440 – Fax john@jmaappraisals.com	SWAM/DBE
Woods, Wesley D. Certified General	Myers & Woods Appraisal Group, Inc. 828 Main Street, 15th P. O. Box 363 (24505 Zip) Lynchburg, Virginia 24504 (434) 316-9625 (434) 316-9627 – Fax oh2farm@yahoo.com	
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 jdew@jbdassociates.com	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
White, Rebecca Certified General	ValueTech, Inc. 3959 Electric Road, Suite 460 Roanoke, Virginia 24018 Gratitude@netscape.com (540) 293-8095 (866) 270-8173 – Fax	
White, Donald Certified General	ValueTech, Inc. 3959 Electric Road, Suite 460 Roanoke, Virginia 24018 Gratitude@netscape.com (540) 293-8095 (866) 270-8173 - Fax	
<u>NOVA</u>		
Austin, John F. ASA Certified General	John Austin Appraisers 9101 Ashmeade Drive Fairfax, Virginia 22032 (703) 323-5626 (703) 978-7565 - Fax jaustin503@aol.com	SWAM
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<u>SALEM</u>		
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**APPRAISERS/APPRAISAL FIRMS
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APPRAISAL SERVICES**

APPRAISER ONLY DESIGNATION

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
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Stuchell, Richard	Richard Stuchell Sole Proprietor Stuchell Valuations 10012 Shadowridge Court Fredericksburg, Virginia 22407	
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LYNCHBURG DISTRICT

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**FEE REVIEW APPRAISERS/FEE REVIEW APPRAISAL FIRMS
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Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **RICHARD A. McDONOUGH / District Manager**

b. Project Assignment: **DESIGN-BUILD PROJECT MANAGER**

c. Name of Firm with which you are now associated: **THE LANE CONSTRUCTION CORPORATION**

d. YEARS EXPERIENCE: With this firm: **6 years** With other firms: **28 years**
Please list chronologically your employment history, position, and general experience or fields of practice for the last fifteen (15) years:

The Lane Construction Corporation, 2012 – Present: Design-Build and P3 Pursuits Manager – Mr. McDonough manages Lane’s Design-Build and Public-Private Partnership (P3) projects. Mr. McDonough’s first-hand experience in numerous VDOT Design-Build and P3 procurements including the recent Route 460 P3 project in southern Virginia has provided him with the insight into the nuances of Design-Build and P3 delivery methodologies and processes. He has acquired proficiency in the financing aspects of the P3 projects as well as the risk management expertise required in managing large highway and bridge projects utilizing alternative project delivery. Mr. McDonough’s Design-Build and P3 expertise overlap in his role as District Manager for the construction of the P3 South Norfolk Jordan Bridge (D-B) project.

The Lane Construction Corporation, 2009 – 2012: District Manager – Responsible for the construction operations in Virginia as well as serving as the D-B Project Manager on numerous projects for both public and private owners. Responsible for overall administration of projects, addresses project issues, communicates design progress to owners, adheres to project schedules. Interacts with the Construction Manager, the Owner, and all other involved stakeholders regarding the progress of construction, schedule, budget, quality control, and safety. He has managed/led construction for more than 30 miles of highway and 36 bridges.

The Lane Construction Corporation, 2006 – 2009: Rich joined The Lane Construction Corporation as a Project Manager through the Moore Brothers acquisition in October 2006. He was promoted to Assistant District Manager in December 2007. Assists with Lane Mid-Atlantic operations and Virginia Sign and Lighting company (division of Lane), Project Manager for Linton Hall Road, and Design-Build Project Manager for Route 50 Traffic Calming D-B Project at Gilberts Corner, VA. He participated in the development of new projects for construction, negotiations with Owners, and plan development. Responsible for overall administration of projects, addressed project issues and took corrective actions as necessary, communicated design progress to owners, adhered to project schedules. Interacted with the Construction Manager, the Owner, and all other involved stakeholders regarding construction, schedule, budget, quality control, and safety.

Moore Brothers Construction, 1998 – 2006: Vice President of Operations - Responsible for field operations: safety, project staffing, means and methods of construction, direct oversight of all bridge construction operations, estimating for bids and change orders, budget review, and project development.

e. Education: Name & Location of Institution(s)/Degree(s)/Year Specialization
Virginia Military Institute, Lexington, VA/BS/1979/Civil Engineering

f. ACTIVE REGISTRATION: Year First Registered/Discipline/VA Registration #: N/A
Virginia Transportation Construction Alliance (VTCA) Board Member (1999–2010)

- Served as VTCA President (2007–2008)
- Serves on the VTCA/VDOT Design-Build Subcommittee (2007–Present)

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

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

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

Project: South Norfolk Jordan Bridge P3 Project, Norfolk, VA (DESIGN-BUILD PROJECT)

Name of Firm: Lane Construction Project Role: District Manager

Start Date: 2009 Finish Date: Fall 2012

Responsibilities: Lane’s District Manager for this \$73M P3 project for the design-build of a new 5,375-foot-long bridge - two-lane, fixed-span, high-rise toll bridge over the Elizabeth River. Lane was a JV partner in the United Bridge Partners group and responsible for all construction on the project. When the mile-long toll bridge opened to traffic in Fall 2012, it became one of the few privately-owned structures in the U.S. Major project elements consist of a new bridge with two 12-foot-wide traffic lanes and two eight-foot-wide shoulders. An eight-foot-wide, ADA-compliant sidewalk is separated from traffic by a concrete barrier. The new bridge provides a much-needed route for emergency vehicles and an additional evacuation route for the area. A fully electronic tolling system with E-Z Pass offers maximum convenience for users. The work completely reconstructed the

former existing bridge. It included structural and highway design/construction, geotechnical work, hydraulics, hydrology and erosion control, permitting, utility coordination, project management, construction and QA/QC. As the Lane P3 and D-B Senior Manager, Mr. McDonough was responsible for overall management of the construction aspects of the project which included regular and frequent coordination with the United Bridge Partners P3 associate firms and financing parties as well as key state and local stakeholders. The project has been completed and opened to traffic by the Virginia Secretary of Transportation in October 2012.

Project: **Sudley Manor Drive Design-Build Project, Prince William County, VA (DESIGN-BUILD PROJECT)**
Name of Firm: **Lane Construction** **Project Role:** **Project Manager**
Start Date: **2006** **Finish Date:** **2009**
Responsibilities: Project Manager for this \$26M contract for design-build of roadway improvements. Major project elements consisted of three bridges, replacement of substandard 2-lane roadway with a new 4-lane divided highway and new multi-use trails. The work completely reconstructed the 2-lane secondary road into a 4-lane divided highway with turn lanes. It included bridges, highway, geotechnical work, hydraulics, hydrology and erosion control, permitting, utility coordination, project management, construction and QA/QC. As the Project Manager, he was responsible for the project(s) budget and schedule milestones; regular coordination with Prince William County staff; allocation of construction resources, both manpower and equipment; overseeing subcontractors; coordination and synchronization of work packages; and, most importantly, supervision and enforcement of quality control and safety measures. He worked with the project sponsor's designers providing input to the design for constructability, MOT, value engineering concepts and cost. He was responsible for overall administration for construction of project and was accountable for addressing all project construction issues and taking proactive measures to ensure issues did not impede progress of the project schedule. He also interacted with the Construction Manager, the owner, and all other involved stakeholders regarding the progress of construction, schedule, budget, quality control, and safety.

Project: **Route 50 Traffic Calming D-B Project at Gilberts Corner, Loudoun County, VA (DESIGN-BUILD PROJECT)**
Name of Firm: **Lane Construction** **Project Role:** **Design-Build Project Manager**
Start Date: **2007** **Finish Date:** **2009**
Responsibilities: Design-Build Project Manager of this innovative \$13 million dollar design-build traffic-calming project for VDOT. The scope for this project was to add four roundabouts within the existing roadway, under traffic, through this congested commuter corridor. As Design-Build Project Manager, his responsibilities included overall administration of the project to include design, public relations, construction, and quality management. He was also responsible for chairing weekly coordination meetings between Lane team members and VDOT to maintain a homogeneous work effort for design, construction, schedule and permitting. He was accountable for addressing all project issues and taking proactive measures to ensure unforeseen conflicts and problems did not impede progress of the project schedule. Mr. McDonough interacted with the all involved stakeholders regarding the progress of construction, schedule, budget, controls, and safety.

Project: **VDOT I-66 HOV Lane [Widening], Prince William County, VA**
Name of Firm: **Moore Brothers** **Project Role:** **Executive Sponsor**
Start Date: **2004** **Finish Date:** **2006**
Responsibilities: Executive Sponsor and off-site Construction Manager for all facets related to field management of this major \$37M project. The scope challenge for this project was to reconstruct four miles of four lane interstate and four new lanes. Project included highway, geotechnical work, hydraulics, hydrology and erosion control, permitting, utility coordination, project management and construction. As Executive Sponsor, he supervised project staffing, provided input to estimating costs and budget review and made recommendations for means and methods of construction. In addition, he facilitated, supported and participated in the formal Partnering process of the project to improve project communications, relations and problem solving on the project. Led the effort for several construction Value Engineering Proposals which resulted in financial savings and schedule construction Value Engineering Proposals which resulted in financial savings and schedule improvements. Supervised senior project staff, negotiations with the Owner, estimating, budget, and input for means and methods of construction. Direct supervision of superintendents and subcontractors for all structure construction to include bridges, retaining walls and shoring for support of excavation.

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **JOHN VICINKSI, PE, DBIA / Quality Assurance Manager**

b. Project Assignment: **QUALITY ASSURANCE MANAGER**

c. Name of Firm with which you are now associated: **QUINN CONSULTING SERVICES**

d. YEARS EXPERIENCE: With this firm: **4 years** With other firms: **25 years**
Please list chronologically your employment history, position, and general experience or fields of practice for the last fifteen (15) years:

Quinn Consulting Services, Inc., 2008 – Present: Quality Assurance Manager – As QAM, worked exclusively on design-build projects in lead QA and QC roles.

- Quality Assurance Manager (QAM) for the VDOT Design-Build Gilberts Corner Project which includes (4) traffic circles near the intersection of Rt.15 and Rt. 50 in Loudoun County, VA.; FHWA Fairfax County Improvements (Phase III) Design-Build Project; VDOT Waxpool Road and Loudoun County Parkway Interchange Improvements Design-Build Project; VDOT Pacific Boulevard Design-Build Project; and VDOT Battlefield Parkway Design-Build Project.
- Area Quality Control Engineer on the VDOT/FHWA PPTA Design-Build Project adding High Occupancy Toll (HOT) Lanes to 14 miles of the Virginia side of the Capital Beltway.

Alpha Corporation, 1998 – 2008: Vice President – As vice president and director of transportation services in Virginia, managed up to 25 contracts simultaneously primarily providing CEI services on design-build, district-wide, and project specific projects for VDOT and other transportation clients.

- Quality Assurance Manager (QAM) for the Route 50 Traffic Calming D-B Project at Gilberts Corner t in Loudoun County, VA and VDOT Battlefield Parkway Design-Build Project on the 56 million dollar, 5.6 mile rail and roadway design-build project in Portsmouth, VA.
- Project Director in charge of providing CEI inspectors and support services on I-66 Gainesville Interchange project.
- Project director on construction of 500 million dollar container terminal in Portsmouth, Va.
- Inspector Coordinator on VDOT Northern Virginia District-wide CEI Contracts; on three consecutive VDOT Culpeper District-wide CEI contracts; and on three VDOT Hampton Roads District-wide CEI contracts.
- Project Director and task manager on task order contract providing constructability review and CPM scheduling services.
- Project Director in charge of providing CEI services on multiple transportation projects including Monroe Street Design-Build project, transportation projects in Prince William County, I-81 Maury River Bridge Replacement Project near Lexington, VA.
- Project Director in charge of providing transportation inspectors to the Town of Herndon and in charge of providing CEI services on environmental and building projects in Fairfax County and CEI Services on Rt. 17 spur Project in Warrenton, VA.
- Inspector coordinator in charge of providing bridge and painting inspectors in Northern Virginia, Culpeper, and Fredericksburg.
- Inspector coordinator in charge of providing inspectors throughout the VDOT Staunton District.

e. Education: Name & Location of Institution(s)/Degree(s)/Year Specialization
University of Pittsburgh at Johnstown, Johnstown, PA/BS/1982/Civil Engineering Technology

f. ACTIVE REGISTRATION: Year First Registered/Discipline/VA Registration #: N/A
1992/Civil Engineer/#0402 026380

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

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

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

Project: **Fairfax County Parkway Design-Build, Fairfax, VA** **(DESIGN-BUILD PROJECT)**

Name of Firm: **Quinn Consulting Services, Inc.** **Project Role:** **Quality Assurance Manager**

Start Date: **2010** **Finish Date:** **2012**

Responsibilities: Quality Assurance Manager (QAM) on this 22 million dollar interchange and roadway FHWA/VDOT Design-Build project. Project elements included: the construction of a six-lane divided limited access highway; the Franconia-Springfield Parkway interchange improvements; a shared use path alongside a portion of relocated Rolling Road; sound barriers

along relocated Rolling Road and Ramp D; and a new bridge (B692) over the Fairfax County Parkway. Responsibilities included overseeing QA and QC staff to make certain the project was completed in accordance with the contract documents and the VDOT Design-Build Minimum Standards. Other responsibilities included facilitating preparatory meetings before new activities were begun, documenting asphalt and aggregate testing within the FHWA QL Pay System, and coordinating QA laboratory testing services as required on the project.

Project: I-495 Express [HOT] Lanes Design-Build, Tysons Corner, VA **(DESIGN-BUILD PROJECT)**

Name of Firm: Quinn Consulting Services, Inc. **Project Role:** Area Quality Control Engineer

Start Date: 2008 **Finish Date:** Present

Responsibilities: Area Quality Control Engineer on the design-build widening of 14 miles of the Capital Beltway. The 1.5 billion dollar project adds two-lanes in each beltway direction, replaces more than 50 bridges and overpasses, upgrades 10 interchanges, and improves bike and pedestrian access. Responsible for managing teams of inspectors to provide quality control inspection and testing services in accordance with the project specific quality assurance/quality control plan and VDOT's Minimum Quality Control & Quality Assurance Requirements for Design Build & Public-Private Transportation Act Projects. Responsibilities also include interfacing with project design engineers on RFI's, field design changes (FDC's), and non-compliance reports (NCR's) and daily coordination with QA and general engineering consultant (GEC) personnel.

Project: Route 50 Traffic Calming D-B Project at Gilberts Corner, Loudoun County, VA **(DESIGN-BUILD PROJECT)**

Name of Firm: Quinn Consulting Services, Inc. **Project Role:** Superintendent

Start Date: 2008 **Finish Date:** 2008

Responsibilities: Quality Assurance Manager (QAM) on construction of (4) new traffic circles or roundabouts being installed as part of the Rt. 50 traffic calming initiative at and near the intersection of Rt. 15 and Rt. 50 in Loudoun County, Va. Responsible for overseeing all QA and QC activities and assuring that work was performed in accordance with the project specific QA/QC plan and VDOT's Minimum Quality Control & Quality Assurance Requirements for Design Build & Public-Private Transportation Act Projects. In the initial stages of the project, helped write the QA/QC plan and assemble a team of QA inspectors and QC technicians that had the required experience and certifications to implement the plan and track all project documentation. Reviewed and signed monthly pay estimates after comparing pay requests with actual progress and compliance with minimum QA/QC technical standards.

Project: Waxpool Road Design-Build, Loudoun County, VA **(DESIGN-BUILD PROJECT)**

Name of Firm: Quinn Consulting Services, Inc. **Project Role:** Quality Assurance Manager

Start Date: 2010 **Finish Date:** 2010

Responsibilities: Quality Assurance Manager for the demolition of existing medians and adding turn lanes in each direction. Project elements included maintenance of traffic, erosion and sediment control, demolition, removal and replacement of unsuitable materials, drainage pipe and associated structures, signalization, subbase, asphalt, permanent striping, incidental concrete, and signage. Responsibilities included holding a series of preparatory meetings for each activity, monitoring QC inspection and documentation, attending progress meetings, and verifying and signing contractor monthly pay estimates.

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **CHARLES O'CONNELL, PE / Transportation Engineer**

b. Project Assignment: **DESIGN MANAGER**

c. Name of Firm with which you are now associated: **VANASSE HANGEN BRUSTLIN, INC.**

d. YEARS EXPERIENCE: With this firm: **12 years** With other firms: **16 years**
Please list chronologically your employment history, position, and general experience or fields of practice for the last fifteen (15) years:

Vanasse Hangen Brustlin, Inc., 2001– Present: Involved in a variety of projects including developing safety analysis, traffic engineering plans, and traffic signal design. His on-call work for the Virginia Department of Transportation has included noteworthy safety studies; Maintenance of Traffic Plans for major bridge rehabilitation projects on I-81 and I-77; providing technical assistance for the revision of the Work Area Protection Manual, VDOT Road and Bridge Standards, VDOT Road and Bridge Specifications and I&I Memorandum; assisting in the review of plans for wayfinding projects; and providing speed studies including those for the implementation of the 70MPH speed limits on many of the VA rural interstates. Additional projects have included teaching NHI courses in Designing and Operating Intersections for Safety, Traffic Signal Design and Safety workshops. He has provided MOT expertise on the I-495 Express Lanes and Dulles Rail projects as well as contributing to FHWA projects/manuals dealing with roundabouts, mini roundabouts and alternative intersection design and construction

VDOT Traffic Field Operations, 1999–2001: Responsible for all construction of traffic signals within the NOVA District. Coordinated design, construction and inspection for VDOT road projects, developer projects and those under direct contract to VDOT. Supervised 30 person field crew/transportation engineers in the daily operation of 900 signals within Northern Virginia.

VDOT Land Development Section, 1998–1999: Planned, developed, coordinated, and monitored the activities of staff engineers and planners for the review, analysis and approval of highway, subdivision, and site engineering plans for all development in Fairfax County. Responsibilities included team management of section which reviewed rezonings, subdivisions, site plans and coordination of activities from planning through Permit and construction. This position required knowledge in all VDOT organizational skills such as planning, traffic engineering, road design, storm water management, pavement design, right of way, environmental requirements, permitting and construction practices.

e. Education: Name & Location of Institution(s)/Degree(s)/Year Specialization
Virginia Polytechnic Institute and State University, Blacksburg, VA/BS/1985/Civil Engineering, Minor Biology
Virginia Polytechnic Institute and State University, Blacksburg, VA /BS/1979/ Forestry and Wildlife

f. ACTIVE REGISTRATION: Year First Registered/Discipline/VA Registration #: _N/A
1992/Professional Engineer/#024735
2008/VDOT Advanced Work Zone Traffic Control Training/#050809013
2010/VDOT GRIT/#ISP-060210-16

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

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

Project: Route 50 Traffic Calming D-B Project at Gilberts Corner, Loudoun County, VA (DESIGN-BUILD PROJECT)

Name of Firm: Vanasse Hangen Brustlin, Inc. Project Role: Design Manager

Start Date: 2007 Finish Date: 2010

Responsibilities: Responsibilities for this contract include the coordination of the design of four new roundabouts and new connector road. Oversight of design, permitting and engineering services during construction including erosion and sediment control compliance, public awareness, maintenance of traffic, constructability and traffic operations. Responsibilities required close coordination of the multiple disciplines including wetlands delineation, VSDM, permitting, roadway design, rights-of-way, utility relocation, drainage design, traffic analysis/design, structural design, and geotechnical investigation. An inventive construction staging plan was developed to meet the needs of this fast paced design-build project that effectively influenced the final design, introducing drivers to roundabouts, and providing the desired traffic calming and safety enhancements.

Project: Town of Herndon, VA On-Call Transportation Planning & Traffic Engineering Services

Name of Firm: Vanasse Hangen Brustlin, Inc. Project Role: Project Manager

Start Date: 2005 Finish Date: Present

Responsibilities: Project Manager for ongoing on-call services contract including transportation planning and traffic engineering

studies. One of VHB's functions under this contract is to review Traffic Impact Studies submitted with development proposals. These reports are reviewed for technical accuracy and conformance with Herndon guidelines. Other assignments have included traffic signal timing optimization studies, intersection improvement studies, W&OD trail crossing studies, and a downtown trolley feasibility study. Responsible for design of roadway improvements for Monroe Street and Park Avenue as well as providing various alternatives for termination of the Park Avenue project being designed by others. These projects have included extensive public participation at public hearings, Town staff and Town Council.

Project: VDOT Statewide Traffic Engineering Services

Name of Firm: Vanasse Hangen Brustlin, Inc.

Project Role: Task Manager

Start Date: 2011

Finish Date: Present

Responsibilities: Mr. O'Connell was tasked and responsible for assisting VDOT with the revisions to their road and bridge specifications for traffic control devices that include signs, pavement markings and traffic signal equipment. He has completed traffic signals and lighting designs under this contract. He has performed speed limit determinations on rural interstate and secondary roads, conducted safety reviews, guardrail inventory and upgrade recommendations. Project Manager for various tasks that included design of work zone plans for major bridge construction projects on Interstate 81 and 64, responsible for MOT associated with bridge work on secondary road. Tasks also included regular inspection of work zone for both day and night time operation. Responsible for assisting the VDOT central office in the revising and updating of the Work Area Protection Manual.

Project: Fairfax County, VA Signal Design On-Call

Name of Firm: Vanasse Hangen Brustlin, Inc.

Project Role: Project Manager

Start Date: 2012

Finish Date: Present

Responsibilities: Project Manager for on-call contract for the design of new signals and modifications to existing signals. Responsible for developing the signal design plans and pavement marking plans for the installation of a traffic signal control at various intersections in Fairfax County. Projects involve the preparation of detailed plans, specifications, and quantity estimates for traffic signals and related equipment. Responsible for signal timing adjustment, pre-emptions, and support during construction.

Project: VDOT Northern Region Operations Construction and ITS Installation/Construction CEI Services

Name of Firm: Vanasse Hangen Brustlin, Inc.

Project Role: Project Manager

Start Date: 2011

Finish Date: Present

Responsibilities: VHB is on the ATCS, P.L.C. team providing Construction Engineering & Inspection (CEI) Services for the Northern Region Operations Construction and Intelligent Transportation System (ITS) Installation/Construction Contract. To date, VHB has served in the review of shop drawings for signal foundations and signal poles. VHB was brought on board for our technical knowledge relative to signal design and construction as well as our understanding of ITS technologies. VHB's scope of work will consist of providing inspection personnel of various levels to supplement VDOT's inspection staff in charge Operations Construction and a variety of ITS related projects throughout the Northern Region Operations Area, consisting of the counties of Arlington, Fairfax, Loudoun, Prince William, Caroline, Spotsylvania, and Stafford. Projects under this contract will include all activities with regard to Traffic Signals, loop detectors, Intelligent Transportation Systems (ITS) devices, such as Closed Circuit TV Cameras (CCTV), Dynamic Message Signs (DMS), Detectors, Fiber Optic Cable, Road Weather Information Systems (RWIS), Queue Warning Systems, Advance Warning Systems, Lane Control Systems, Concrete Foundations installation, construction, signal safety inspections, various types of testing, system integration, maintenance etc.

Project: Dulles Airport Landside Transportation Assistance Contract

Name of Firm: Vanasse Hangen Brustlin, Inc.

Project Role: Project Engineer

Start Date: 2005

Finish Date: 2011

Responsibilities: Managed task orders related to traffic engineering as a subcontractor on the Airports Authority's Capital Development Program. These included the preparation of program definition documents, signal warrant studies, traffic signal designs, traffic impact studies, traffic data collection efforts, traffic analyses related to the re-routing of taxis, traffic engineering analyses that supported the widening of the outbound Access Highway, ingress and egress studies related to the South and Mid-North parking structures, and traffic analyses of the inbound traffic congestion problems at Dulles. For the widening of North Area roads, VHB reviewed all design plans and MOT plans. VHB also worked with contractor to implement optimal MOT practices, staying on-site for all traffic changes in order to make field adjustments as necessary.

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **JAMES VOGT / Superintendent and Construction**

b. Project Assignment: **CONSTRUCTION MANAGER**

c. Name of Firm with which you are now associated: **THE LANE CONSTRUCTION CORPORATION**

d. YEARS EXPERIENCE: With this firm: **15 years** With other firms: **2 years**
Please list chronologically your employment history, position, and general experience or fields of practice for the last fifteen (15) years:

The Lane Construction Corporation, 2007 – Present: Superintendent/Construction Manager – As a Superintendent and Construction Manager, Mr. Vogt is in charge of the general day-to-day activities of a project at the construction site. His duties include working with the owner, senior management, subcontractors and Lane work crews. He is responsible for implementing and adhering to all safety and quality measures as well as maintaining schedule milestones, organizing manpower, managing the project budget and delivering the project on time or ahead of schedule. He additionally functions as the Quality Control Manager on projects.

The Lane Construction Corporation, 1998 – 2007: Mr. Vogt worked his way from a Project Engineer to Superintendent where he was increasingly responsible for field operations, safety, project staffing, means and methods of construction, direct oversight of project site construction operations, and providing on-site engineering calculations and drawings.

e. Education: Name & Location of Institution(s)/Degree(s)/Year Specialization
Pennsylvania State University, University Park, PA/BS/1993/Civil Engineering

f. ACTIVE REGISTRATION: Year First Registered/Discipline/VA Registration #: N/A
Certifications: SuperPave Level I, ACI Concrete Field Testing Technician– Grade I, PennDOT Concrete Field Testing Technician, WACEL Concrete Level I and Soils Level I, OCHS Safety Training, and U.S. Army Corps of Engineers Construction Quality Management for Contractors, DCR Responsible Land Disturber, VDOT ESCCC.

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

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

Project: Southern Collector Road, Town of Purcellville, Loudoun County, VA
Name of Firm: Lane Construction **Project Role: Project Manager**
Start Date: 2012 **Finish Date: Present**

Responsibilities: Assistant Project Manager for the \$4 million road reconstruction project. This project includes 1400 linear feet of new two-lane roadway, a triple box culvert, MSE retaining wall and the reconstruction and widening of an existing roundabout and four approach roadways. He is responsible for safety, quality, budget, project cost, staffing and scheduling and additionally responsible for preparing project status reports and ensuring work adheres to contract specifications. He directs and supervises project administration, superintendents and engineers to establish operational priorities. Mr. Vogt creates and executes project work plans and is responsible for the overall management including resources, scheduling and budgeting. He also is responsible for managing costs and project documentation.

Project: Route 50 Traffic Calming D-B Project at Gilberts Corner, Loudoun County, VA (DESIGN-BUILD PROJECT)
Name of Firm: Lane Construction **Project Role: Construction Manager**
Start Date: 2007 **Finish Date: 2009**

Responsibilities: Construction Manager for this \$13 million design-build traffic calming project which consisted of design and construction of four roundabouts in line with existing roadways and a ½-mile new section of rural roadway. The project also involved new and upgraded drainage, under-drain, decorative concrete truck apron, concrete curb and gutter, guardrail, pavement milling and overlay, roundabout lighting, striping, signage, utility relocations and landscaping. His responsibilities included: supervised all aspects of construction; implemented and enforced corporate safety policy; EEO officer who ensured a workplace free of discrimination, harassment, and intimidation; performed constructability review of design drawings; developed and maintained project schedule; and scheduled and coordinated subcontractors' activities.

Project: VDOT I-66 Spot Improvements Project, Arlington County, VA
Name of Firm: Lane Construction **Project Role:** Superintendent
Start Date: 2010 **Finish Date:** 2011
Responsibilities: Superintendent for this \$10 million, 2-mile roadway widening project constructed in multiple phases with full-depth reconstruction and widening of the inside and outside shoulders. The work also included storm water management, pond improvements, new and upgraded drainage, under-drain, curb, barrier wall, guardrail, bridge widening, variable and static overhead message signs, traffic management systems, roadway lighting and landscaping. His responsibilities included: supervised all aspects of construction; developed and maintained project schedule; and coordinated and scheduled subcontractors' activities.

Project: VDOT Sudley Manor Drive Design-Build Project, Prince William County, VA **(DESIGN-BUILD PROJECT)**
Name of Firm: Lane Construction **Project Role:** Project Engineer
Start Date: 2005 **Finish Date:** 2006
Responsibilities: Project Engineer for this \$11.5M project to construct 3 miles of new roadway. Construction included excavation and embankment, storm pipe culverts and inlets, sanitary sewer relocation, waterlines, under-drain and roadway sub-base. Mr. Vogt's responsibilities included: supervised engineering and QC staff; developed and maintained project schedule; tracked and evaluated project costs; review submittals for compliance with project specifications; scheduled and coordinated subcontractors' activities; procured daily material deliveries; and provided on-site engineering calculations and drawings.

Project: Taxi-Lane B Shoulder Rehabilitation, Washington Dulles International Airport, Dulles, VA
Name of Firm: Lane Construction **Project Role:** Project Engineer in Charge
Start Date: 2007 **Finish Date:** 2007
Responsibilities: Project Engineer in Charge for this \$1.2 million project to demolish and widen an existing taxi-lane shoulder in 90 days. The work involved demolition of existing asphalt shoulder and lighting system, excavation to widen shoulder by 10 feet, paving for the new shoulder section, installing a new taxi-lane edge light system, and placement of sod and seed. His responsibilities included: supervised all aspects of construction; Quality Control Manager; developed and maintained project schedule; scheduled subcontractors' activities; reviewed submittals for compliance with project specifications; procured daily material deliveries; provided on-site engineering calculations and drawings.

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	
I-66 SPOT IMPROVEMENTS Arlington County, VA DESIGN-BID-BUILD	HNTB 2900 South Quincy St. Ste. 200 Arlington, Virginia 22206 Ph: 703-824-5100	Virginia Department of Transportation Northern Virginia District 4975 Alliance Drive Fairfax, VA 22030 P: 703-383-8368 Mr. Charles 'Mel' Harvey Area Construction Engineer P: 703-259-3234 Email: Charles.harvey@vdot.virginia.gov	December 2011	December 2011	\$10,000,000	\$10,000,000	\$10,000,000

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.

PROJECT SCOPE

Construct a third lane on I-66 from the Fairfax Drive on ramp to the Sycamore Street off-ramp.

PROJECT DESCRIPTION

LANE performed as the Lead Contractor on this first of three spot improvements on I-66 to reduce congestion and increase safety along westbound I-66 inside the Capital Beltway. This project adds a third lane between the interchanges of the Fairfax Drive on-ramp (just west of George Mason Drive) to the existing deceleration lane at the Sycamore Street off-ramp (1.9 miles). The westbound acceleration and deceleration lane between Fairfax Drive and Sycamore Street was lengthened to form a continuous auxiliary lane between the two ramps.

A new 12-foot-wide shoulder was constructed with full-strength pavement capable of carrying traffic during emergencies. The work also included: sight distance improvements, variable and static message signs, traffic management systems, roadway lighting and landscaping in selected areas. All work was performed within the existing right-of-way.

A multi-phased (three phases) construction approach was implemented to minimize the inconvenience to the traveling public through the area and get the completed road under traffic prior to inclement weather. Although motorists were expected to experience periodic lane closures until the project was complete, all lane closures occurred at night (no daytime, weekend or holiday closures) and the lack of disruption on this heavily-traveled interstate was notable.

PROJECT BENEFITS

This project has added much needed capacity to this heavily congested commuter thoroughfare. This enhancement will also serve the local population well for their everyday access through the community.

PROPOSED PERSONNEL FOR THIS PROJECT:

JIM VOGT (LANE)
RICH MCDONOUGH (LANE)



RELEVANCE TO THE ROUTE 7 TRUCKING CLIMBING LANES PROJECT:

- Bridge and Ramp Construction
- Utilities Coordination
- Roadway Lighting
- Multi-phased Traffic Management and Control
- Right of Way

Evidence of Performance

The project was completed on time and the additional lane opened to traffic on December 5, 2011.

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		
I-495 EXPRESS (HOT) LANES Fairfax County, Virginia DESIGN-BUILD	HNTB 2900 South Quincy St. Ste. 200 Arlington, Virginia 22206 Ph: 703-824-5100	Virginia Department of Transportation NoVa District 4975 Alliance Drive Fairfax, VA 22030 P: 703-383-8368	Mr. John Lynch, Regional Program Manager, VDOT Megaprojects P: 703.383-2744 Email: john.lynch@vdot.virginia.gov	December 2012	November 2012	\$1,500,000	\$1,500,000	\$500,000

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.

PROJECT SCOPE

Construction of four new general-purpose traffic lanes (two in each direction) outside of the existing lanes on the Capitol Beltway. Work included the reconstruction of ramps, interchanges, frontage roads, overpasses and underpasses, bridges and other necessary crossings.

PROJECT DESCRIPTION

The \$1.5B I-495 Express [HOT] Lanes project constructed two new lanes in each direction on a 14-mile stretch of I-495 from the Springfield Interchange to just north of the Dulles Toll Road. The project encompassed the replacement of more than \$260 million of aging infrastructure, including more than 50 bridges and overpasses. Construction of Springfield Interchange Phase VIII created a seamless HOV network on I-95/395, the Capital Beltway, I-66, the Dulles Toll Road and future HOV lanes on Braddock Road (allowing for easier connection to I-66). Three new access points to the Capital Beltway were constructed at Rte. 29/Lee Highway, Westpark Bridge and Jones Branch Drive. Upgrades to 12 key interchanges were also constructed. LANE also built more than 70,000 linear feet of sound walls to double the existing protection for local neighborhoods.

Part of the project, Area 2, encompassed the I-495 interchange at I-66, new Express ramp access at Rte 29, W&OD Trail and overpasses south of Rte 7 interchange. Construction of the new interchanges in Area 2 required close coordination with homeowners and both vehicular & pedestrian foot traffic through the work areas. Unique to Area 2, an active HOV ramp from I-66 to the Beltway was maintained throughout the majority of the project, requiring innovative traffic management and alternate means of construction to build the entire interchange. As one of the more congested interchanges along the Beltway, construction was performed in a manner to minimize impacts to the traveling public.

VHB provided an independent audit on the installation of work zones to evaluate if work zones were being installed consistent with plans.

The I-495 Express Lanes opened to traffic on November 17, 2012 ... on budget and ahead of schedule..

PROJECT BACKGROUND

The Virginia Department of Transportation began studying short and long-term solutions to growing traffic congestion on the Capital Beltway in the late 1980s. By 1994 it had concluded High Occupancy Vehicle (HOV) lanes were needed. A private developer submitted plans for High Occupancy Toll (HOT) lanes in 2002 to the Commonwealth, which resulted in selecting that alternative in 2005. The HOT Lanes project is the most significant package of improvements to the Capital Beltway in a generation. When completed, they will provide drivers with the option of paying a toll for a faster, more predictable trip. Drivers using the HOT lanes also have access to (HOV) lanes usually limited to vehicles with multiple occupants.

PROJECT BENEFITS

The new HOT Lanes offer faster travel choices and congestion relief for motorists in the northern Virginia/ Washington, D.C. region. Benefits to drivers, carpoolers, public transportation users and the business community include:

- Less stop-and-go traffic
- Improved opportunities for reliable bus service for public transportation users
- Reduced cut-through traffic on local neighborhood streets
- Positive environmental impact because vehicles move through the area more quickly, reducing emissions`

PROPOSED PERSONNEL FOR THIS PROJECT:

RICH MCDONOUGH (LANE)	QUINN CONSULTING
CHARLIE O'CONNELL (VHB)	RINKER DESIGN ASSOCIATES
ATHAVALE, LYSTAD AND ASSOCIATES	TRAFFIC SIGNALS PLUS
GEOCONCEPTS ENGINEERING	



RELEVANCE TO THE ROUTE 7 TRUCKING CLIMBING LANES PROJECT:

- Design-Build
- Extensive MOT and Transportation Management
- Public Involvement
- Roadway Widening
- Excavation/Grading
- Stormwater Management
- Ramp construction
- Trail Access
- Structure And Bridges (>\$15m)

Significant Safety Milestone
5,000,000 hours worked without a lost time accident is a significant achievement for a project of this magnitude.

Evidence of Performance
“A solid experienced company that has built to standard and worked well under difficult traffic and space constraints to minimize impact on travel.”
~ Garrett Moore, VDOT NOVA District Administrator

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	
NORTH AREA ROADWAY IMPROVEMENT Dulles, VA DESIGN-BID-BUILD	JMT 13921 Park Center Road Suite 280 Herndon, VA 20171 P: (703) 464-7369	Metropolitan Washington Area Airports Authority 1 Aviation Circle, Suite 154 Washington, DC 20001-6000 P: 703-417-8600 Mr. Ken Vogel, Project Construction Manager (retired) P: 703-417-8647 Email: kenvogel@cox.net	June 2008	June 2008	\$30,000,000	\$30,000,000	\$30,000,000

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.

PROJECT SCOPE

Reconstruction and widening of 1.25 miles of the Dulles Area Access Highway including bituminous concrete roadways, a 57-foot span steel girder bridge and related facilities.

PROJECT DESCRIPTION

The North Area Roads Improvement project involved the demolition and reconstruction of the existing roadway entering and exiting the airport. Work included drainage improvements and storm water management facilities, overhead structures, bridge construction and the reconstruction and widening of a four-lane highway. The bridge component required construction of a 60-foot, two-lane span with an integrated back wall and mechanically stabilized earth wall. Due to the high number of entrance and exit ramps along the highway's south section, the project added a collector distributor road to provide safer conditions for drivers exiting the airport. The high volume of traffic each day posed many challenges, with crews required to maintain access to airport facilities and businesses.

VHB provided Maintenance of Traffic design and support, traffic engineering, and customer service to the Airport Authority. This was the first instance of the successful relationship that brought LANE and VHB personnel together in the performance of a project albeit under separate contracts.

PROJECT BACKGROUND

Washington Dulles International Airport served 20.1 million passengers during 2000, the most it has ever handled. During this time, vehicles using the road system serving the airport's main terminal and airport parking facilities experienced congestion and delays during peak travel times. The North Roadway improvements helped relieve that congestion.

PROJECT BENEFITS

- Provided airport passengers with better access to rental car facilities and long term parking lots
- Reduced traffic congestion and delays
- Improved traffic flow and roadway connectivity
- Improved passenger service

PROPOSED PERSONNEL FOR THIS PROJECT:

RICH MCDONOUGH (LANE)
JIM VOGT (LANE)
CHARLIE O'CONNELL (VHB)
CERVANTES AND ASSOCIATES
RINKER DESIGN ASSOCIATES



RELEVANCE TO THE ROUTE 7 TRUCKING CLIMBING LANES PROJECT:

- Drainage
- Structure And Bridge
- Stormwater Management
- Roadway Widening
- Grading
- Excavation
- Ramp Access
- Extensive MOT
- Public Involvement

Evidence of Performance

Dulles Airport presented the project with the "Outstanding Safety Record Award" for the fourth quarter in 2006.

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)	
I-81 CORRIDOR TRUCK CLIMBING LANE AND EIS Lexington, VA DESIGN-BID-BUILD	W.C. ENGLISH 615 CHURCH STREET, LYNCHBURG, VA 24504	Virginia Department of Transportation Staunton District 811 Commerce Road Staunton, VA 24401 Phone: 540-332-9075 Michael Branscome, Project Manager Ph: 540- 332-7746 Email: Michael.Branscome@VDOT.Virginia.gov	Summer 2013	Summer 2013	\$74,213	\$74,213	\$1,640

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.

PROJECT SCOPE

Developed design plans for the addition of a northbound truck climbing lane.

PROJECT DESCRIPTION

In 2003, the Virginia Department of Transportation (VDOT) selected VHB/Vanasse Hangen Brustlin, Inc. to investigate potential capacity and safety improvements along the 325-mile I-81 corridor. VHB prepared a Tier 1 Environmental Impact Statement (EIS), which explored a wide range of improvement concepts, including opportunities to physically separate trucks and passenger vehicles, the ability to move freight onto rail, and various tolling scenarios. As part of this project, VHB was tasked to develop a more detailed study (Tier 2) for high-priority sections along I-81, including the environmental document and preliminary roadway design plans for a 7-mile truck climbing lane between mileposts 195.1 and 202.5 north of Lexington, Virginia. VHB led the design team that prepared the 30% design plans for VDOT to use as the base plans in a design-build procurement process.

VHB's design responsibilities included the widening of I-81 to the outside, adjusting interchange ramps to accommodate the new lane, developing preliminary bridge widening plans for the mainline bridges, preliminary sizing and location of stormwater management facilities, and developing detailed maintenance of traffic plans. As part of the design process, VHB successfully modified the roadway design to avoid impacts to historic properties and coordinated a memorandum of agreement between VDOT and the Virginia Department of Historic Resources for impacts to a cemetery within existing VDOT right-of-way.

VHB Design Offices: Virginia Beach, Williamsburg, Richmond

VHB's Role: Lead Designer

PROPOSED PERSONNEL FOR THIS PROJECT:

TYSON ROSSER (VHB)

CHAD LAHAIE (VHB)

DOUG DEBERRY (VHB)



Evidence of Performance

From VHB's preliminary design work, VDOT was able to issue a D-B contract and construction of these truck climbing lanes is on-going today.

RELEVANCE TO THE ROUTE 7 – WB TRUCKING CLIMBING LANE PROJECT:

→ The roadway design staff that developed the preliminary design for these I-81 truck climbing lanes will be the same personnel on the Route 7 project"

Prepared 30% design plans for 7-miles of truck climbing lanes on I-81 for VDOT to use as the base plans in a design-build procurement process.

Completed Tier 2 EIS documentation for the 7-mile truck climbing lanes.

Completed a Tier 1 EIS to investigate potential capacity and safety improvement to a 325- mile corridor of I-81.

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)



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					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
ROUTE 50 ROADWAY IMPROVEMENTS PROJECT (GILBERTS CORNER) Loudoun County, VA DESIGN-BUILD	THE LANE CONSTRUCTION CORPORATION 14500 Avion Parkway, #200 Chantilly, VA 20151	Virginia Department of Transportation 4975 Alliance Drive Fairfax, VA 22030 Phone: 703-383-8368 Mr. Brian Fry, Project Manager Ph: 703-259-2394 Email: Brian.Fry@VDOT.Virginia.gov	March 2010	Fall 2009	\$13,400	\$13,400	\$1,900

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.

PROJECT SCOPE

Construct 4 roundabouts and a connector road from Route 15 to Route 50.

PROJECT DESCRIPTION

The LANE/VHB team was responsible for the 1.2 mile Gilberts Corner section of Route 50 in Loudoun County. This section of the project included construction of four roundabouts at or near the existing intersection of Route 50 and Route 15 and construction of a new roadway between Route 50 and Route 15. The project focused on traffic and pedestrian safety, context sensitive design, rural traffic calming, scenic and historic preservation, and involved extensive public participation. The project also sought to both actively engage and inform the public to this creative traffic calming solution. There were many challenges including right-of-way (ROW) acquisition, utility relocations, and construction management challenges due to the accelerated project schedule.

As the design lead, VHB designed the roadway based on a preliminary concept plan developed by VDOT. VHB made substantive alterations to the original concept plan that provided both operational and safety enhancements. In addition, VHB also developed an innovative construction staging plan that positively influenced the final design to be implemented, and introduced the drivers of Virginia to roundabouts. VHB was responsible for acquiring all related environmental permits and for providing right-of-way acquisition design services. This comprehensive design-build project also relied on VHB to perform utility relocation design services, construction phase design services, and structural services for permanent structures.

As the contractor, LANE constructed four roundabouts and a connector road with minimal traffic disruption. Maintenance-of-Traffic (MOT) was also a constant challenge due to high volumes of commercial, commuter and tourist traffic on this 2-lane rural roadway, which is part of the Virginia Scenic Byway. Since the majority of the construction was performed along the existing roadway, the project was broken into a ten-phased sequence with multiple traffic switches. Drainage was a continual challenge and accommodated through roundabout design—the design drains to the center of the roundabouts. Historic and environmentally sensitive challenges posed serious and daily constraints, including the preservation of the Mount Zion Church (an important landmark through the Civil War), and President James Monroe's home (Oak Hill plantation).

VHB Design Offices: Tysons Corner, Virginia Beach, Williamsburg, Richmond.

VHB's Role: Lead Designer

PROPOSED PERSONNEL FOR THIS PROJECT:

CHARLIE O'CONNELL (VHB)	RICH McDONOUGH (LANE)	ATHAVALA, LYSTAD AND ASSOCIATES
TYSON ROSSER (VHB)	JIM VOGT (LANE)	CERVANTES AND ASSOCIATES
MICHELLE CAVUCCI (VHB)	JOHN VICINSKI (QUINN)	
	[with Alpha at that time]	

GILBERTS CORNER AWARDS:

American Council of Engineering Companies National Finalist 2010 ACEC Engineering Excellence Awards
 American Council of Engineering Companies of Metropolitan Washington HONOR AWARD WINNER in the Design category for the 2009-2010 ACEC/MW Engineering Excellence Awards
 Northern Virginia Community Appearance Award 2010
 Virginia Transportation Construction Alliance (VTCA) 2010 Engineering Excellence Award



RELEVANCE TO THE ROUTE 7 – WB TRUCKING CLIMBING LANE PROJECT:

- VHB and LANE have proven Design Build experience together as the Lead Designer and Lead Contractor on successful D-B project delivery.
- The LANE/VHB team's proposed Design-Build Project Manager was the proposed Design-Build Project Manager for Gilberts Corner from LANE
- The LANE/VHB team's proposed Design Manager was the Design Manager for Gilberts Corner from VHB
- LANE/VHB developed a creative and detailed TMP for this heavily traveled corridor that minimized disruption to public.
- LANE/VHB contributed to an extensive Public Awareness Program and Outreach for VDOT that introduced the public to the changing traffic patterns and the use of roundabouts.
- VHB applied state of the art practices in advance of publications such as the NCHRP 672 on roundabouts, and the 2010 Manual on Uniform Traffic Control Devices.

Evidence of Performance
 Project was delivered ahead of schedule and under budget.
 "The project received several awards and much acclaim from local and national media, citizens and elected officials. VDOT's goals and objectives were all met or exceeded by the Lane Team."
 ~ *Kenny Lee Robinson, VDOT Project Manager*

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)



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					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
ROADWAY IMPROVEMENTS TO SUPPORT APM TERMINAL Portsmouth, VA DESIGN-BUILD	SKANSKA USA CIVIL SOUTHEAST (FORMERLY TIDEWATER-SKANSKA), NORFOLK, VA	Virginia Department of Transportation Hampton Roads District 1700 North Main St. Suffolk, VA 23434 Phone: 757-925-2500 Mr. Robert Morgan, Project Manager Ph: 757-494-5472 Email: Robert.Morgan@VDOT.Virginia.Gov	Design Completed September 2005	December 2006	\$22,000	\$22,000	\$3,135

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.

PROJECT SCOPE

Design a new diamond interchange on Route 164 and design the supporting roadways.

PROJECT DESCRIPTION

When A.P. Moeller-Maersk sought to expand its facilities in Portsmouth and build the first privately developed U.S. container terminal, the roads and bridges leading to the site were found to be insufficient. The Virginia Department of Transportation quickly responded to this need by advertising for the Commonwealth's first roadway design-build contract.

Skanska was awarded the project with VHB as the team's Lead Designer. Design services included the location and design of a new diamond interchange on Route 164 and the design of the supporting roadways. Importantly, a detailed maintenance of traffic plan was developed to maintain through-traffic on the existing Route 164 and to maintain access for local businesses, residential areas and to the Coast Guard Base in Hampton Roads. Significant right of way and permitting challenges were managed in tandem with the project design and construction. In addition to the highway improvements, the design included two new bridges; relocation of 2,800 feet of roadway, drainage, and utility segments; pavement design to accommodate significant truck loads; and wetland/waterway impact mitigation.

Design of this \$22 million interchange was initiated in December 2004, construction began in August 2005, all major design elements were completed in September 2005 and construction was completed in December 2006. Working closely with VDOT and APM Terminals, VHB was able to develop a design that met the needs of the port while balancing the impacts to surrounding community and worked with Skanska throughout construction to help ensure this important project was completed on time and on budget.

VHB Design Offices: Virginia Beach, Williamsburg, Richmond, Tysons Corner.

VHB's Role: Lead Designer

PROPOSED PERSONNEL:

CHARLIE O'CONNELL (VHB)

TYSON ROSSER (VHB)

CHAD LAHIE (VHB)



Evidence of Performance

"VHB has been an invaluable partner on our design/build team for this challenging and tightly-scheduled project. As the Virginia Department of Transportation's first design/build transportation contract, this project has demanded unusual flexibility in design, which VHB has readily provided. VHB's timely and efficient response to field issues has also been of great assistance in project execution."

~ M. VV. Spence, P.E, Vice President

RELEVANCE TO THE ROUTE 7- WB TRUCKING CLIMBING LANE PROJECT:

- VHB has proven Design Build experience as the Lead Designer on this inaugural VDOT D-B project.
- VHB developed a TMP plan that maintained four lanes of traffic while constructing the new bridges.
- Significant ROW challenges were mitigated.
- Pavement design to accommodate significant truck loads.
- The Design Manager for this project, Tyson Rosser, will be an integral part of the VHB design team.
- Charlie O'Connell served as Traffic Engineering support for this project. This was the first time Mr. Rosser and Mr. O'Connell worked together. Their working relationship over the last 7 years has yielded many successful projects.

