



STATEMENT OF QUALIFICATIONS

WALNEY ROAD BRIDGE REPLACEMENT AND ROAD WIDENING

A DESIGN-BUILD PROJECT **B**

FROM: WESTFIELDS BOULEVARD (ROUTE 6755) TO: WILLARD ROAD (ROUTE 6215) AND
FROM: DALLAS STREET (ROUTE 745) TO: 250 FEET NORTH OF DALLAS STREET
FAIRFAX COUNTY, VA



STATE PROJECT NO.: 0657-029-099, R201, C501, B641
FEDERAL PROJECT NO.: STP-5A01(471)
CONTRACT ID NUMBER: C00104103DB62

PROPOSAL SUBMITTED BY:



JUNE 20, 2013





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

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

June 20, 2013

RE: Walney Road Bridge Replacement and Road Widening, a Design-Build Project
State Project No.: 0657-029-099, R201, C501, B641
Federal Project No.: STP-5A01(471)
Contract ID Number: C00104103DB62

Dear Mr. Reichert:

The Lane Construction Corporation (LANE) is pleased to present this Statement of Qualifications (**Section 3.2**) for the above referenced project to the Virginia Department of Transportation (VDOT). Lane was founded in 1890 and is one of the nation's top-rated heavy civil construction companies. We specialize in high quality bridge, highway, mass transit, rail, and airport construction. LANE has a long and successful history of project completion in the Commonwealth of Virginia managed from our permanent regional office in Chantilly. In our 123-year history, our pledge remains: **get the job done right, on time, and on budget.**

As a leader in the Design-Build method, we appreciate the importance of partnering and have effectively led teams that have constructed nearly \$3 billion in Design-Build projects during the last decade. LANE's teaming and leadership experience enable 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. We have teamed with Johnson, Mirmiran, and Thompson (JMT) as the Lead Design Consultant. Together, we will provide VDOT with a reputable team capable of completing projects of any size and scope on time and on budget. Quinn Consulting Services, Inc. (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 this Project.

LANE and JMT, in conjunction with hand-selected specialty firms experienced with VDOT processes and procedures, will provide design and construction of roadway, structure and bridge, environmental, geotechnical, hydraulics and stormwater management, transportation management, traffic control, survey, right of way, utilities, and signage and lighting. We are confident in our team structure and experience, and have elaborated on our distinctive qualifications in the subsequent sections. The LANE team has assembled committed personnel, with proven delivery of VDOT's requirements to meet the quality, safety and schedule demands of this Project.

3.2.2 Offeror's Point of Contact Information:

Mr. Richard A. McDonough is the authorized representative and point of contact for the LANE team for all matters associated with this qualifications submittal.

Richard A. McDonough, District Manager
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.

Mark A. Schiller
Regional Vice President, Mid-Atlantic Region
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 was founded in 1890 and was incorporated in the State of Connecticut on April 5, 1902. Lane will undertake the financial responsibility for the Project and has no known liability limitations. LANE's pre-qualification status/capabilities with VDOT are well in excess of the requirements of this project.

3.2.5 Lead Contractor and Lead Designer: LANE is the Offeror and Lead Contractor and will serve as the legal entity who will execute the contract with VDOT. JMT is our 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, safety, maintenance of traffic (MOT) implementation, and coordination of all subcontractors and trades. QCS will provide the QAM and QA support, and will be under direct contract to LANE. JMT will also be under direct contract to LANE for all project design efforts. Additional subconsultants required by JMT in its design efforts, will be under direct subcontracts to JMT.

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 subconsultants, subcontractors and other entities as identified as members of the LANE Team and may be found in the Appendix.

3.2.8 Offeror's VDOT Prequalification Evidence: Evidence from VDOT's online Prequalified List (L002/Active) verifies that LANE is prequalified for this SOQ's submission.

3.2.9 Letter of Surety: A surety letter from the bonding companies is included herein, confirming 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 matrix in this section 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 firm, Key Personnel and non-APELSCIDLA licenses may be found in the Appendix.

3.2.11 DBE Statement (14% Commitment): LANE supports the Disadvantaged Business Enterprise (DBE) program and is committed to meeting the 14% goal on both the design and construction of this Project utilizing Virginia certified DBEs. LANE will also take all necessary and reasonable steps to ensure that SWaM firms have the maximum opportunity to compete for and perform services on this Design-Build contract.

Through our proven performance, our team will deliver this Project on time and within budget. We appreciate the opportunity to submit our Statement of Qualifications and look forward to working with VDOT on this important bridge and roadway improvement project in Fairfax County.

Respectfully submitted,



Richard A. McDonough
District Manager

RIGHT LANE
MUST
TURN RIGHT


PROPOSED ROADWAY
IMPROVEMENT
FOR FURTHER DETAILS
1-800-367-7623

3.3 Offeror's Team Structure

The LANE team is comprised of dedicated, professional firms who are familiar with the Design-Build (D-B) methodology and VDOT requirements and specifications. The Lane Construction Corporation (LANE) will serve as the lead contractor of the D-B team for the Walney Road Bridge Replacement and Road Widening D-B Project (Walney Road). LANE's role will include managing the project, supervising construction, and self-performing the major work elements. LANE has selected Johnson, Mirmiran & Thompson (JMT) as the Lead Designer.

Together, LANE and JMT exhibit an overall strength in managing the design and construction of multi-faceted D-B projects including those elements required on the Walney Road project. Our combined expertise in roadway and structural design will be an invaluable asset to VDOT and the general public. The LANE team will lead this effort utilizing our "Task Force" approach to D-B projects. LANE has developed and streamlined this approach to project management in order to better serve VDOT, stakeholders, and the general public. This approach is designed to facilitate improved communications, roles and responsibilities among team members from the start of the pursuit all the way through to completion of the project.

LANE's "Task Force" Approach:

LANE's use of a Task Force, comprised the LANE team's leadership and VDOT as an invited participant to address the specific elements of design and construction on this project, will be a predominant contributing factor to a successful delivery. This approach results in a better designed and constructed project through the integration of communication, constructability, scheduling, and project management. The LANE team has successfully implemented this approach throughout the life cycle of all its D-B projects.

The most critical component of the Task Force Approach is *communication*. An open forum of discussion among partners serves to clearly define project criteria and promote design collaboration, ensuring VDOT's goals and objectives are met by addressing constructability issues before they become points of conflict. The task force serves as a timely conduit for disseminating project-critical information. LANE's Task Force, with the D-B Project Manager at the helm, is the central point of decision-making and communication among all involved parties in the project. As a result of this process, VDOT and the LANE team will reach a consensus on project matters before they become issues. This approach not only enhances, but is integral to the *partnering process*.

LANE's Task Force approach is a proven mechanism to ensure quality, consistency, and integration of design and construction resulting in on-time and on-budget project delivery.

A typical Task Force meeting will address project coordination, schedule review and implementation, and the overall project work plan. Task Force meetings follow an agenda, and meeting minutes are developed to formally document and address all concerns. These meetings coordinate technical design issues, resolve design review comments, emphasize appropriate design criteria and develop standardization of design to meet VDOT's specifications as well as to ensure constructability. Along with VDOT management and staff, this relationship will offer true accountability to safely complete the Walney Road project within the stated time and budgetary constraints of the Project.

The LANE Team:

We have carefully chosen a group of the most highly skilled team members in order to create a team structure that advantageously utilizes the D-B process and capitalizes on the strongest attributes of each team member's respective capabilities. The table below depicts the LANE team that has been selected specifically for the Walney Road project.

 Throughout this submission we have utilized the D-B icon shown to indicate D-B experience.

B The LANE Team		*DBE *SWaM	
	The Lane Construction Corporation Offeror and Lead Contractor		Johnson, Mirmiran & Thompson Lead Designer
	Quinn Consulting Services, Inc. ** Quality Assurance Manager		DMY Engineering Consultants, Inc. ** QC Testing Lab Geotechnical Services
	Specialized Engineering * QA Testing Lab		Athavale, Lystad & Associates, Inc. ** Structural Engineering
	EEE Consulting, Inc. * Environmental Services		Peggy Malone & Associates, Inc. * Traffic Data Services
	Appraisal Review Specialists, LLC Right of Way Review Appraisals	Sole Proprietor	V. Lynn Kelsey * Right of Way Fee Appraisals

LANE The Lane Construction Corporation (LANE) is one of the nation’s leading contractors in the D-B segment of transportation and heavy civil projects. LANE is currently recognized nationally by *Engineering News-Record (ENR)* as the 6th largest transportation contractor, ranked the 7th of the Top 50 Domestic Heavy Contractors and most recently ranked 38th in the Top 100 Design Builder Firms. With 123 years of past performance including **over 60 Design-Build** projects completed or in progress in 15 different State Departments of Transportation (DOTs), LANE is well-positioned to continue leadership in the D-B project delivery of our nation’s bridges, highways, airports, railroads, and mass transit systems. LANE typically self-performs up to 60 percent of the critical work items with an experienced and knowledgeable staff of over 4,600 employees. LANE has successfully completed projects for VDOT and other State, Federal and local agencies in the Commonwealth of Virginia for over 40 years.



Johnson, Mirmiran & Thompson (JMT) is a multi-disciplinary employee owned design consulting firm specializing in engineering solutions for a variety of needs. JMT serves public agencies throughout the Eastern United States with a broad range of planning, design, and construction management services. JMT is currently ranked #100 in *Engineering News-Record’s* List of Top 500 Design Firms of 2013, and ranked #18 for Highway Design. JMT has the resources of more than 800 personnel and 41 years of experience providing a broad range of transportation improvements with offices located in Richmond, Virginia Beach and Herndon, Virginia; with additional offices in Pennsylvania, Maryland, West Virginia, Delaware, New Jersey, Florida, New York, and Washington, DC. JMT offers the staff, capabilities and resources of a “Big” firm, while maintaining the personal touch and service of a “Small” firm.

JMT consistently develops solutions that meet the needs and exceed the expectations of their clients.

The LANE team is directed by qualified and capable professionals with local-area knowledge and strong D-B experience. All of the proposed key personnel have noteworthy experience on transportation projects similar to the roles they have been selected for on this project team. LANE has chosen Mr. Jan Sherman to lead the LANE team on the Walney Road project. He has worked with JMT (Lead Designer) and QCS (Quality Assurance Manager) on other projects in the region and has developed a strong and cohesive relationship. This team is well positioned to successfully deliver the Walney Road project on time and within budget.

3.3.1 Qualifications and Functional Relationships of Key Personnel

B Design-Build Project Manager – Mr. Jan Sherman (LANE) will be responsible for the overall project, construction quality management, and contract administration. 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 complies with the owner's specifications. Mr. Sherman's interaction from design through construction will include leading Task Force meetings, design meetings, and construction meetings to discuss all aspects of the project development. Should any issues arise, it is his responsibility to ensure and address project issues with the designer, the construction team, and the owner. Interaction with the Quality Assurance Manager (QAM) will be continuous to ensure that the project is compliant with the specifications. Mr. Sherman is an experienced Project Manager as evidenced by his performance on the \$1.5 billion I-495 Express Lanes project as the \$260M Area 2 Project Manager responsible for overall construction activities, scheduling, estimating quantities, and conformance to contract, plans, and specifications as well as interacting with the designer. Mr. Sherman will be the VDOT point of contact for all matters related to this project.

B Quality Assurance Manager – Mr. John Vicinski, PE, (QCS) will report directly to the D-B Project Manager and will ensure that the construction quality of the Walney Road project meets or exceeds the current *VDOT Minimum Quality Control and Quality Assurance Requirements for Design Build and PPTA Projects, January 2012 (VDOT QA/QC Guidelines)* and will ensure all construction activities are in compliance with contract documents. Although Mr. Vicinski will report directly to the D-B Project Manager, he will maintain independence from the construction Quality Control assets to oversee Quality Assurance matters, including QA testing. This independence is imperative throughout the entire construction process in order to ensure that each phase of construction progresses with the highest standards of quality. Any concerns Mr. Vicinski may have will immediately be brought to the attention of the D-B Project Manager but will be handled accordingly by Mr. Vicinski himself with full authority to stop work should the necessity arise. With nearly 30 years experience, Mr. Vicinski has served as Quality Assurance Manager, Inspector Coordinator, and Project Director on over 10 D-B and over 20 VDOT projects. He is knowledgeable of the Department's Construction Program, VDOT's Road and Bridge Specification and Standards, and *VDOT QA/QC Guidelines*. He has extensive experience in implementing QA/QC Plans as well as the required inspections and documentation necessary to maintain and assure performance standards.

B Design Manager – Mr. Robert Reed, PE (JMT) will report directly to the D-B Project Manager and manage the Design Team as well as the Lead Utility Coordinator Manager. He will be responsible for design quality assurance and quality control (QA/QC), coordinating and managing all design disciplines, conforming to standards and procedures, and ensuring contractual requirements are met. In addition, he will lead the design effort, development of plans and specifications and coordinate reviews with the D-B Project Manager to ensure constructability of the project. Mr. Reed will maintain close communication with the D-B Project Manager and will ensure this project is completed in accordance with the requirements of the contract documents. He will provide VDOT with draft design plans for review and approval prior to initiation of construction activities on the Project to confirm that the design work complies with the requirements of the contract documents. Additional emphasis will be placed on providing quality reviews in the development of the construction plans. In the design process, Mr. Reed is responsible for project design management and compilation of plan assembly. He will determine when plans have been developed to the point that Quality Reviews are to be made. He is both responsible and accountable for the quality of all of the plans. Mr. Reed has over 40 years of experience in transportation design and planning. He has served as a Project Manager and Design Manager on numerous VDOT projects including the Route 7/Route 15 Widening (Leesburg Bypass), the I-81 Truck Climbing Lane D-B, and the Fairfax County Parkway Widening.

B Construction Manager – Mr. Barry Bernstein, PE (LANE) is responsible for the day-to-day construction operations of the project **and reports directly to the D-B Project Manager.** Mr. Bernstein is a Construction Manager with LANE and possesses nearly 30 years of construction experience. He currently serves on the VDOT I-95 Express Lanes D-B project which includes the construction of nearly 29 miles of High Occupancy Toll Lanes, bridge construction, ITS installation, and signage. Mr. Bernstein was also the Construction Manager of the I-495 D-B Widening at Arena Drive and the Sudley Manor Drive D-B projects.

His daily responsibilities will encompass managing the entire construction process, including all quality control activities to ensure the materials used and work performed meet contract requirements and the “approved for construction” plans and specifications. He additionally will oversee project site safety and coordination of all project personnel, including subcontractors. He holds ultimate responsibility for managing the project schedule with his staff and will be on site for the duration of construction operations. Mr. Bernstein currently holds a Virginia Department of Conservation and Recreation (DCR) Responsible Land Disturber (RLD) Certification (number 34512) and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC number 2157C).

B Lead Utility Coordination Manager – Wayne Lindsey (LANE) will report directly to the D-B Project Manager. He will be responsible for all utility coordination and relocations on the Walney Road project. Mr. Lindsey will verify conflicts, complete UT-9’s, determine cost responsibilities, conduct utility field inspections, coordinate utility relocation design, review and recommend approval of utility relocation plans and estimates, and ensure inspection of utility relocation construction as well as perform additional duties that may be outlined in the forthcoming RFP. He will also review utility relocation designs prepared by a Professional Engineer for the Walney Road project and will verify and coordinate any re-designs based on field conditions and construction activities. Mr. Lindsey has extensive experience in all utilities coordination functions on such projects as the I-495 Express Lanes D-B, the I-95 Express Lanes D-B, the Route 50 Traffic Calming (at Gilberts Corner) D-B; the Sudley Manor Drive and Linton Hall Road PPTA D-B projects and numerous bid-build projects.

Subcontractors / Subconsultants and Design Team Leaders:

Together, LANE and JMT have selected subcontractors and sub-consultants who share in our commitment to provide the best value solutions and whose experience and expertise match the requirements identified in this procurement.

Construction Subcontractors - LANE will self-perform a majority of the heavy civil activities for the Walney Road project. As subcontractors are required before and during the construction phase, LANE supports and provides ample opportunities to include DBE and SWaM firms. Construction Quality Assurance Management will be provided by QCS (DBE/SWaM Certification #626289), an independent consulting firm; and Specialized Engineering (SWaM Certification #681526) will provide the Construction QA Laboratory services. DMY Engineering Consultants, LLC (DMY) (DBE Certification #MWAA DB2011-0012-2014/SWaM Certification #684372) will provide the Construction QC Laboratory services.

Design Subconsultants - JMT has assembled a comprehensive design team that is able to skillfully address and resolve the specific needs of the Walney Road project. Each subconsultant is assigned a role that utilizes their strengths and expertise. Each of our team members has ongoing or previous experience working with each other and VDOT, and understands VDOT’s project development process and D-B methodology. JMT knows the capabilities of the teaming partners assigned to this contract and understands how the combined staff will best work together to provide VDOT with a successful finished product. We have selected a number of qualified subconsultant firms to provide the expertise, experience, qualifications, and staff resources to accomplish the anticipated work. Brief descriptions of their qualifications are provided below.

B EEE Consulting, Inc. (EEE) (SWaM Certification #7052) specializes in environmental permitting and compliance, environmental engineering, local government planning and environmental education. EEE has helped local government, and state and federal transportation agencies with natural resource, wetlands, hazardous materials, air quality, noise studies, environmental compliance, and NEPA documents, including Environmental Impact Statements, Environmental Assessments, Categorical Exclusions, and State Environmental Review Process Requirements. EEE’s transportation experience includes contracts with VDOA, VDOT, VDRPT, WMATA, NCDOT, STB, FTA, and local governments. EEE is familiar with the environmental work necessary for this project. They have provided similar services to JMT on numerous recent projects including the Fairfax County Parkway Design-Build Project Phases I, II & IV.

B Athavale, Lystad & Associates, Inc. (ALA) (DBE Certification #MWAA DB1992-0049-2014/SWaM Certification #MS 274) is a civil and structural engineering consulting firm with offices located in nearby McLean, Virginia. ALA has provided professional services in structural, civil, and hydraulic engineering as well as construction inspection services for transportation related projects to a wide range of public sector clients, including VDOT. The philosophy of the firm is to consistently produce high-quality engineering solutions within the client's budget and schedule. ALA's staff recognizes that our clients have a long list of consulting firms from which to choose and are committed to maintaining a level of quality in their work that has led to a large number of repeat clients. The staff of ALA includes highly experienced engineers in their respective fields.

B DMY Engineering Consultants, LLC (DMY) (DBE and SWaM Certifications listed above) will provide geotechnical services in addition to QC Laboratory services. They offer practical and cost-effective engineering solutions to clients in the Mid-Atlantic region. DMY has a reputation as a local leader in delivering right solutions through innovative approaches, quality services, and engineering excellence. Their staff is experienced in managing and delivering complex geotechnical and construction testing/inspection projects successfully. DMY specializes in geotechnical engineering, drilling, soils and concrete laboratory testing, and CEI (QA/QC) services. They own and operate AMRL and CCRL certified laboratories to meet demanding quality and schedule simultaneously for multiple challenging projects, as well as in-house full size drill rigs to meet demanding project schedules with quality work. DMY utilizes its own web-based electronic management and report delivery system, DMY Manager®, to efficiently handle the field and laboratory testing/inspection tasks.

B Peggy Malone & Associates, Inc. (PMA) (DBE Certification #626743) has been conducting traffic counts throughout the Southeastern & Mid-Atlantic area for over twelve years. They conducted tens of thousands of ADT counts, from 24-hour to multiple-week periods, all across the Southeastern & Mid-Atlantic regions. They perform classification counts, speed counts, turning movement counts, spot speed studies, intersection delay studies, origin-destination studies, vehicle occupancy studies, travel time studies, license plate studies and other miscellaneous traffic surveys. Their staff is trained to draw condition diagrams, perform signal timing assessments and supply digital photos as well. PMA's equipment inventory is continually being upgraded and increased and strict quality control procedures are in place. All projects have been completed on time and within budget.

B Appraisal Review Specialists (ARS) is staffed with professional Review Appraisers and Specialists that offer many years experience on all types of properties for various state agencies with an emphasis on the review of eminent domain appraisal. ARS Review Appraisers are aware of and understand the existing requirements and policies covering the appraisal review processes specified in 49 CFR Part 24, *Uniform Standards of Professional Appraisal Practice (USPAP)*, and the *Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970*, as amended. ARS is the only known firm in the United States that specializes in eminent domain appraisal review and has been assisting federal, state and local public agencies acquire the property they need to complete their projects for many years.

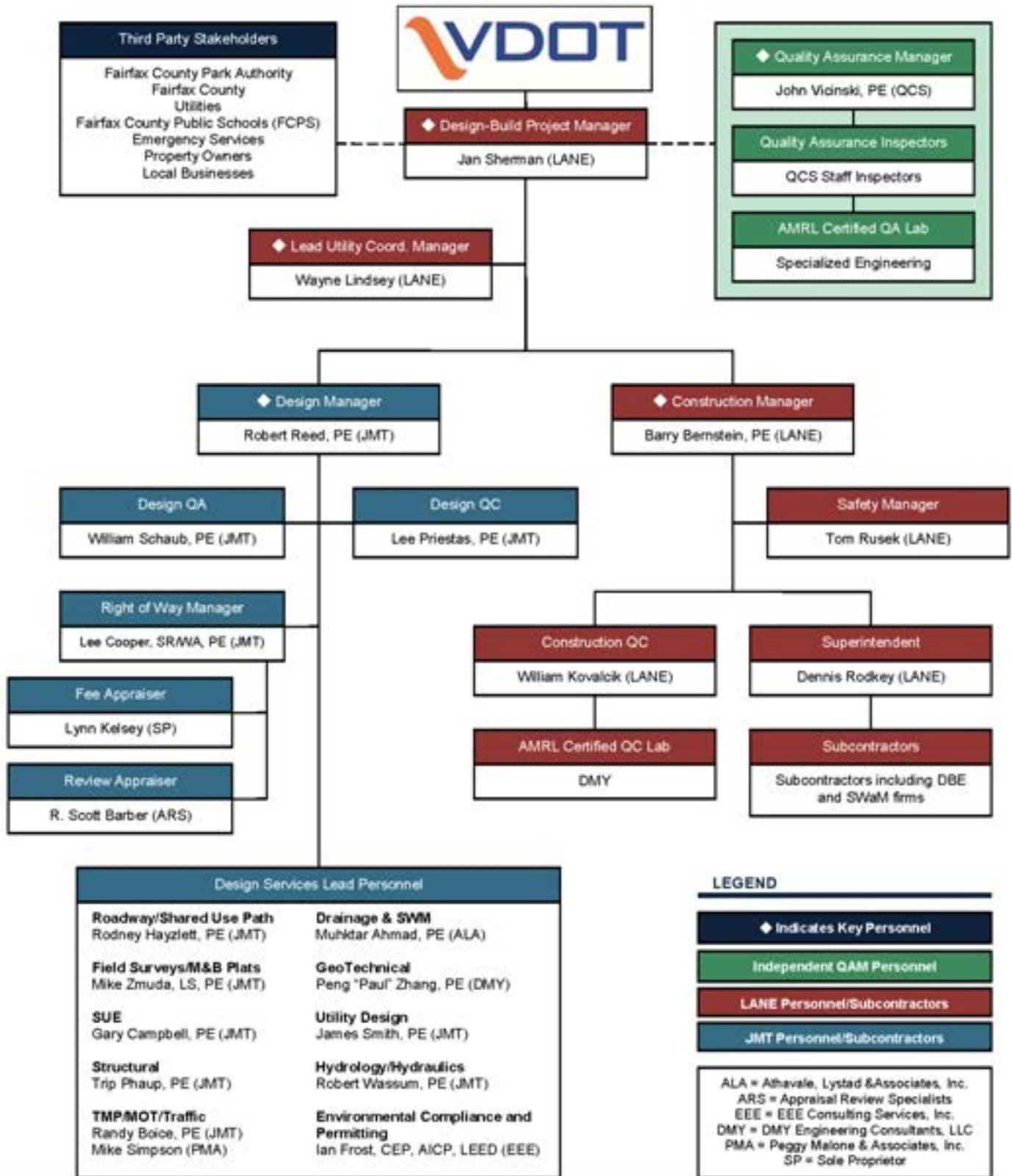
B V. Lynn Kelsey (SWaM #673682) is an independent real estate appraiser, producing narrative appraisals of various types of commercial and residential properties, including retail, office, special purpose, industrial, and various land appraisals to include commercial, industrial, farms, and residential development properties in Central and Northern Virginia.

The LANE Team provides VDOT with a diverse group of experts selected for their specialized skills and experience.

3.3.2 Organizational Chart

The LANE team is structured to provide VDOT with a single point of contact, Mr. Jan Sherman, the D-B Project Manager, who will be responsible for all design and construction activities. The LANE team organization has a straight-forward chain of command, with individual tasks, responsibilities, and functional

relationships clearly identified. Furthermore, a distinct separation is shown between QA and QC inspection and Field/Laboratory testing in accordance with *VDOT QA/QC Guidelines*. The following Organizational Chart depicts VDOT, third party stakeholders, key personnel, and their respective relationships and functions.





3.4 Offeror's Team Experience

LANE's project delivery methods consistently rank us among the top 10 transportation contractors in the nation. LANE has successfully participated in over 60 Design-Build (D-B) projects ranging in scope up to \$1.5 billion. LANE understands the importance of partnering to make the D-B process a success and has led D-B teams that have constructed nearly \$3 billion in projects over the last decade.

Engineering News-Record currently ranks LANE as the nation's 6th largest transportation contractor and 38th among the Top 100 Design-Build Firms.

LANE and VDOT

LANE is fully committed to the Commonwealth of Virginia. This is evidenced by our full-time presence and employment of a workforce in excess of 900 craftsmen in Northern Virginia alone, as well as a long-standing permanent regional office in Chantilly, VA. Additionally, LANE asphalt plants are located in nearby Sterling, Alexandria, Occoquan, and Stafford. As residents, we understand the issues that are unique to Northern Virginia and recognize the transportation investment that VDOT is making with this D-B project. Our experienced Virginia workforce is very familiar with the stakeholders who are to be represented and kept informed in order to ensure successful delivery of this project.



The Beulah Road Bridge in Fairfax County.

LANE has been an active leader on a wide variety of D-B projects for VDOT and others over the last 30 years, including the VDOT I-495 Express Lanes project. LANE's work on this project has garnered the attention of VDOT and other national entities for the on-budget, early delivery of one of Virginia's largest transportation projects. The I-495 Express Lanes included new roadway, sound and retaining walls, the rehabilitation of existing ramps, and the re-construction of over 50 bridges, and interchanges. This project has won numerous

awards for safety and public outreach including the achievement of 5,500,000 safe work hours as of January 2013. Additionally, LANE recently completed the Beulah Road Bridge Rehabilitation project over the Dulles Toll Road (Route 267) in Fairfax County. VDOT opted to upgrade the bridge by replacing the span over the eastbound lanes to increase the vertical clearance. VDOT also widened the bridge to add shoulders and a pedestrian multi-use trail.

LANE's project list in Virginia includes:

- I-495 Express Lanes, \$1.5B (early delivery and on-budget)
- I-95 Express Lanes, \$691M (on-going)
- South Norfolk Jordan Bridge, \$73M (completed)
- MWAA Dulles Corridor Metrorail Utility Relocations, \$112M (completed)
- I-581 Valley View Interchange, \$38M (on-going)
- Route 234 Prince William, \$21.6M (completed)
- Route 50 Traffic Calming Improvements at Gilberts Corner, \$13.4M (completed)
- Springfield Interchange, \$75M (completed - early delivery)
- MWAA North Area Roads, \$19M (completed)
- I-66 Spot Improvements, \$10M (completed)
- Purcellville Southern Collector Road, \$4M (on-going)
- I-66 Arlington, \$28.5M (completed)
- I-66 Glebe Road, \$41.4M (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)
- I-66 Rosslyn, \$18M (completed)
- Beulah Road Bridge, \$3.4M (completed)

JMT and VDOT

JMT routinely employs a pro-active approach to design build projects that provides an interactive design process of collaboration with the Contractor and VDOT to bring engineering excellence to their projects. Their successful pro-active approach is evident in the numerous D-B projects that JMT has successfully completed in Virginia. These D-B projects have been completed both directly and indirectly for VDOT. The indirect projects include the award winning \$112.5M Fairfax County Parkway (D-B), Phases I/II and IV and the \$7.8M Mark Center Short and Mid Term Improvements D-B Project in Alexandria. These projects were designed and constructed to VDOT Standards and Specifications but the projects were administrated by Eastern Federal Lands Highway Division of the FHWA. Other indirect VDOT projects include the \$52M Route 15 PPTA for Prince William County and the \$2.1M Gayton Road PPTA for Henrico County. D-B projects directly for VDOT include the \$2.9M Route 15/460 Approaches and Bridge over Buffalo Creek in the Town of Farmville, the \$15.61 Route 61 Narrows Bridge Replacement in Giles County and the \$135M US 29 Charlottesville Bypass in Charlottesville-Albemarle County.

JMT has a documented reputation for the development of innovative solutions for their projects, on time and within budget.

JMT's project list in Virginia includes:

- ▣ Fairfax County Parkway, Phases I, II and IV, Fairfax County, VA (completed)
- ▣ Route 61 over New River, Route 460, and Old Virginia Avenue, Town of Narrows, VA (on-going)
- ▣ 3rd Street (Route 15/460) over Buffalo Creek, Town of Farmville, VA (completed)
- ▣ James Madison Highway (Route 15) Improvements, PPTA, Prince William County, VA (completed)
- ▣ Route 29 Bypass, Charlottesville and Albemarle County (on-going)
- ▣ Gayton Road, PPTA, Henrico County, VA (completed)
- ▣ Mark Center Short and Mid Term Improvements, City of Alexandria, VA (on-going)
- ▣ VDOT MS-4 Permit Compliance (statewide, on-going)
- ▣ VDOT Route 7, Fairfax County (on-going)
- ▣ VDOT Lynnhaven Parkway/Volvo Parkway, Cities of Chesapeake & Virginia Beach (on-going)
- ▣ VDOT Route 58 Construction Consultation, Carroll County, VA (on-going)
- ▣ MWAA North Area Roads Improvements, Dulles International Airport, VA (completed)
- ▣ Henrico County – Oakley Lane (on-going)
- ▣ Spotsylvania County – VRE Station (on-going)
- ▣ Prince William County – Fuller Road (on-going)
- ▣ Prince William County – Route 1 (completed)
- ▣ City of Virginia Beach – Centerville Turnpike (on-going)
- ▣ City of Richmond – Commerce Road (on-going)

In addition to the above mentioned projects, JMT also has statewide contracts for Design and Traffic Engineering Design, and numerous on-call contracts in Spotsylvania, Prince William, Chesterfield, Henrico, Carroll and James City Counties, and the City of Hampton.

▣ Fairfax County Parkway (D-B), Phases I, II, and IV, Fairfax County, VA Awards:

- ☆ 2012 Transportation Engineering Award, VDOT Projects Greater than \$10 Million, VTCA
- ☆ 2012 Honor Award, American Council of Engineering Companies – Metropolitan Washington
- ☆ 2011 Merit Award, American Council of Engineering Companies – Virginia
- ☆ 2011 Honor Award, American Council of Engineering Companies – Maryland

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 JMT (Lead Designer) are included in the Appendix.



3.5 Project Risks

LANE and JMT have extensive experience in identifying, managing, and controlling risk on transportation projects in Virginia and throughout the United States. Every successful construction project is due to early identification and mitigation of risk. The LANE team is comprised of specialists that are experts at recognizing potential problems, then applying their unique perspectives to mitigate and/or alleviate those risks, and, in turn, protect the Department's investment.

For the Walney Road project, the LANE team has considered several factors in determining potential risks. After site visits and plan evaluations, we have concluded that the three predominant, critical risks are: Traffic Management, Utilities and Stormwater. We have elaborated on these potential risks, our mitigation strategies, and VDOT's or other stakeholders' roles below.

3.5.1 Risk Identification and Mitigation Strategy

Risk No. 1 – Traffic Management

Risk Identification:

Traffic Management of local access and through traffic is a critical risk for this project. Maintaining and/or effective detouring the existing ADT of over 20,000 vehicles on Walney Road poses a significant risk to safe and efficient passage in and around the project.

Why This Risk Is Critical:

Traffic conditions in and around the project location play a vital role in successful project delivery. Properly managed traffic lends itself to minimal congestion which positively influences public scrutiny and safety. Proper traffic management facilitates the ability to plan and schedule work effectively and with certainty, decreases unknown circumstances that affect production, limits exposure to increased project costs, enhances acceptance from project stakeholders.

Risk Mitigation Strategy:

- Develop a Transportation Management Plan (TMP) and construction schedule that minimizes the closure period for bridge construction and maintains local access included in the Traffic Control Plans (TCP).
 - Plan traffic patterns to enhance construction activities while reasonably mitigating peak traffic volumes.
 - Pro-active public outreach to gain buy-in for a short term inconvenience with reap dividends.
- The transportation operations plan (TOP), an integral part of the TMP, will dovetail with the traffic control plans and will be the go-to source for the operational procedures required for working on Walney Road. The TOP will include procedures for handling traffic crashes (e.g. notification to TOC, EMT, and MOT crew), pavement failures (e.g. MOT crew, emergency equipment to remove failed materials and replace with temporary asphalt, communications with TOC), and late lane closure openings (e.g. notification to TOC, additional workforce and/or temporary materials to facilitate getting off the road as soon as possible). The TOP will also include items such as the process for notifying the Regional TOC so that lane closure information can be placed on the 511 and VA-Traffic systems, a contact list of local emergency response agencies, and procedures to respond to traffic incidents that may occur within the work zone. The MOT Manager will immediately notify the TOC of an incident prompting a coordinated broadcast of information

Relevant Project Experience:

I-495 Express Lanes – New Idylwood Road Bridge over I-495, Fairfax County, VA

The Idylwood Road Bridge over I-495 was replaced to accommodate the added lanes on I-495. An accelerated bridge construction (ABC) approach was used to construct the new bridge, which involved closing the bridge for 7 months and detouring traffic around the project location. This approach reduced the construction schedule for the bridge and roadway by nearly 18 months and limited the duration of traffic impacts within the surrounding community.

throughout Northern Virginia in an effort to re-route traffic in order to minimize delays. LANE's trained personnel will assess the situation and will deploy traffic control measures, like signs, channelizing devices, and portable changeable message signs, in accordance with the WAPM so that normal traffic operations can be restored as quickly as possible. A detailed post incident review will be conducted by the LANE team to assess if and how the temporary traffic control plan could be modified to reduce the impacts of these incidents.

- The Communications Plan, the third component of the TMP, will ensure that communication and collaboration regularly occurs with local businesses, residents, emergency services, schools and other stakeholders to inform them of traffic operations through the project area and associated bridge detour. This includes active community outreach to update project stakeholders involving construction activities.
 - Provide advance notice and clear signing for both work zones and roadway closures.
 - Provide regular update information to VDOT for public notifications.
- Safety. LANE takes great pride in our safety program and successes. Our company has an EMR of 0.62 (well below the industry standard) and our Occoquan asphalt operations are among the safest in the company. Message boards on the project and in the corridor will be utilized to keep travelers informed. Traffic control devices will be maintained in excellent condition to provide as much advanced warning as possible. Pre-task safety meetings will occur before each shift; each crew will have in their possession an emergency response plan, specific for this project, containing procedures and contact numbers to the TOC, police, EMT, and project personnel. Our goal is to complete this project early and with zero accidents; we will make every effort to make this happen.
- Anticipating and Mitigating Potential Delays. The LANE team will strive to mitigate any delays or changes to the project. D-B work presents an opportunity to begin work with critical early release packages and phased construction, prior to complete design approval. The schedule will be planned around quick start locations and critical path activities. The Construction Manager has the authority to change the work week schedule, add additional workforce and equipment, and the means and methods of work changes to alleviate potential delay impacts. The project management team will perform daily monitoring of the project schedule to ensure work is being completed on-time or ahead of schedule.



The Old Idylwood Road Bridge.



The New Idylwood Road Bridge.

Relevant Project Experience:

Recently, LANE has been responsible for maintaining traffic on two mega construction projects on two of the Commonwealth's most congested commuter routes, the I-495 Express Lanes and I-95 Express Lanes construction. The lessons learned on these projects in moving high volumes of traffic through extremely tight construction limits will be integrated as part of our overall TMP approach.

Role of VDOT and Other Agencies:

We do not anticipate any additional role for VDOT unless unforeseen circumstances arise. VDOT's role in the Transportation Management process for this project will be simply one of oversight and approval, e.g., VDOT to post the provided LANE Team Maintenance of Traffic activities through the use of their Traffic Management Center postings to 511 and their associated websites.

Risk No. 2 – Utility Relocation and Coordination**Risk Identification:**

Multiple owners with numerous overhead and underground utilities in conflict with proposed work pose potential significant risks throughout the project:

- Potential impacts to a web of numerous underground fiber optic and communication lines (and their associated surface features) directly beneath proposed construction due to increased loads from fills and co-location with proposed curb lines.
- Potential impacts to gas lines co-located under proposed curbs and sidewalks in which case the owner may require relocation.
- Sanitary sewer lines impacted by increased loads from fills and the requirement for multiple manhole adjustments.
- Potential conflicts with waterlines located under pavement to be demolished.
- Numerous overhead telecommunication and overhead power distribution facilities will require relocation for the project's construction.
- All utilities must remain operational throughout the project duration.
- Definition of utility easements by third parties.



The current utility situation at Walney Road Bridge.

Why This Risk Is Critical:

Utilities must be cleared prior to starting most construction and enabling the work schedule to accommodate a 4-month construction window for road closure. Relocations and replacements for utilities would be on the critical path for the project and not under absolute control of the Design-Build Team. Many of the decisions regarding relocations or replacements are either unknown or are to be made by the third-party utility owners with little stake in a prompt resolution.

Risk Impact on the Project:

Utility impacts could affect the project schedule due to delays from third party work, potential increases to project costs with no added transportation value, and overall safety during construction.

Risk Mitigation Strategy:

- Locate and designate precise locations of utilities using supplemental utility surveys by JMT's in-house Subsurface Utility Exploration capabilities.
- Investigate alternative designs to avoid or minimize impacts to existing utilities.
- Investigate a shared utility duct bank for all underground utilities similar to what was done on JMT's recent Route 1 widening project.

Relevant Project Experience:***U.S. Route 1 Widening, Prince William County, VA***

This urban road widening project provided a shared duct-bank for existing overhead and underground utilities which expedited construction and minimized costs.

- Conduct early coordination with all utility owners including UT9 Forms, and the required Utility Field Inspection meeting(s).
- The Lane Team will coordinate with utility owners to explore methods to expedite utility related plans and estimates (P&E) to advance the project schedule.

Role of VDOT and Other Agencies:

We do not anticipate any additional role for VDOT unless unforeseen circumstances arise. VDOT's role in the utility coordination process for this project will be simply one of oversight, e.g., should the utility companies fail to cooperate; we will request assistance from VDOT to mitigate.

Risk No. 3 – Stormwater Impacts

Risk Identification:

The two major goals of this project are to replace the structurally deficient and functionally obsolete bridge over Flatlick Branch which virtually eliminates occurrences of roadway flooding and to increase capacity of Walney Road by adding traffic lanes. Both goals have un-assessed impacts and risks related to stormwater:

- Raising the approaches to the new bridge will have little effect on backwater about 200 feet upstream (as shown in the Preliminary Hydrologic and Hydraulic (H&H) Study Report) but may create local increases in backwater nearer the bridge but beyond the proposed right of way.
- Confining larger storms to the main channel raises the potential of bridge scour and downstream erosion.
- The added lanes increase the amount of impervious surface contributing to the watershed and will require stormwater management (SWM) facilities for water quality control. The proposed pond and its access road shown in the RFQ plans were not considered during the H&H Study Report and could add to the backwater.

Why This Risk Is Critical:

Increased backwater or a need for a larger SWM facility could extend beyond the currently indicated project limits and could require re-negotiations with the Fairfax County Park Authority. Potential factors include:

- VDOT requires that increases in the 100-year storm elevation be contained in right of way or an easement.
- Work may be required to remediate downstream erosion caused by the increased velocity.
- The potential backwater increase and the preliminary location for the SWM facility lie within a conservation easement currently owned by the Fairfax County Park Authority.
- The length of the bridge is nearing the maximum for a concrete box structure as modeled in the H&H report. This allows little flexibility for accommodating a larger opening to decrease backwater without a possible change in bridge type and concept; this raises a major unknown component of the design.

The scope of work could be significantly modified or altered based upon the results of further analyses of the above factors. With the impacts of the above factors unknown, early investigation and analysis, at a minimum, will be required to determine the magnitude of this potentially critical risk.

Risk Impact on the Project:

Increased stormwater could cause the need for revisions to the current environmental documentation and permitting, and/or require renewed negotiations with the Park Authority;

Relevant Project Experience:

Fairfax County Parkway, Phases I, II & IV D-B

JMT provided innovative H&HA design services for three crossings of the Accotink Creek that successfully demonstrated to VDOT and Permitting Agencies that the proposed design would result in zero increase in water surface elevations at the crossings. These innovations included strategic placement of substructure units, span length and local modifications to the floodway.

either case introduces a risk of project revision(s) and delay approval. In addition, potential scour treatment for the abutments could have direct impacts on the natural channel and its associated environmental documentation. Any of the above mentioned stream impacts could necessitate lengthening the bridge span.

Risk Mitigation Strategy:

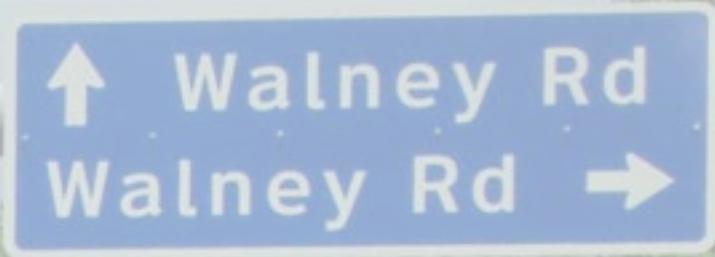
- Complete a detailed final H&H Report shortly after NTP to evaluate the bridge opening and concept.
- Consider overbank relief structures (culverts) to aide in conveyance and reduce main channel velocity.
- Explore alternate design methods to accommodate potential backwater.
- Investigate recent alternatives to SWM ponds to treat water quality.
- Investigate alternative scour protection concepts for the abutments to avoid undercutting the natural stream channel.
- Preserve overbank vegetation to retain flow velocities and existing flow characteristics.

Role of VDOT and Other Agencies:

We anticipate a close partnership with VDOT and other agencies to *avoid any impacts* that would require significant modifications to the environmental process including:

- VDOT will provide detailed information on stormwater design used for the preliminary design such as: earlier studies, backup materials supporting the Preliminary H&H Report Study including HECRAS models, prior coordination with FEMA and Fairfax County.
- If additional environmental documentation is required for VDOT to submit, they would be supported by the D-B team.
 - Fairfax County Park Authority would participate in re-negotiations if required.

The LANE team has extensive experience identifying and mitigating risk. We are confident in our ability to minimize impacts to the public, and reduce concerns for VDOT and other stakeholders. The LANE team has successful D-B experience in Virginia, including over 50 bridges constructed as part of the successfully and early delivered I-495 Express Lanes project.



ATTACHMENT 3.1.2

Project: 0657-029-099, R201, C501, B641

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	A1-A3
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)				1-2
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	A6-A15
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	A16
Evidence of obtaining bonding	NA	Section 3.2.9	no	A17-A20

ATTACHMENT 3.1.2

Project: 0657-029-099, R201, C501, B641

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	A21-A22
SCC Registration	3.2.10	Section 3.2.10.1	no	A23-A27
DPOR Registration (Offices)	3.2.10	Section 3.2.10.2	no	A28-A33
DPOR Registration (Key Personnel)	3.2.10	Section 3.2.10.3	no	A34
DPOR Registration (Non-APELSCIDLA)	3.2.10	Section 3.2.10.4	no	A35
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				3-8
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	A68-A69
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	A70-A71
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	A72-A73
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	A74-A75
Key Personnel Resume – Lead Utility Coordination Manager	Attachment 3.3.1	Section 3.3.1.5	no	A76-A77
Organizational chart	NA	Section 3.3.2	yes	8
Organizational chart narrative	NA	Section 3.3.2	yes	7-8

ATTACHMENT 3.1.2

Project: 0657-029-099, R201, C501, B641

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Experience of Offeror's Team				9-10
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4.1	no	A78-A80
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4.1	no	A81-A83
Project Risk				11-15
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	11-15

ATTACHMENT 2.10

FORM C-78-RFQ

ATTACHMENT 2.10

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00104103DB62
PROJECT NO.: 0657-029-099, R201, C501, B641

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 04/30/13
(Date)
2. Cover letter of RFQ Addendum No. 1 06/12/13
(Date)
3. Cover letter of _____
(Date)



Mark A. Schiller SIGNATURE
Regional Vice President, Mid-Atlantic Region
The Lane Construction Corporation

June 20, 2013

DATE

ATTACHMENT 3.2.6

AFFILIATED AND SUBSIDIARY COMPANIES OF THE OFFEROR

ATTACHMENT 3.2.7(A)

DEBARMENT FORM-PRIMARY COVERED TRANSACTIONS

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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

June 20, 2013

Date

Mark A. Schiller

Regional Vice President, Mid-Atlantic Region

Title

The Lane Construction Corporation

Name of Firm

ATTACHMENT 3.2.7(B)

DEBARMENT FORM-LOWER TIER COVERED
TRANSACTIONS

ATTACHMENT NO. 3.2.7(b)

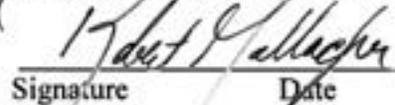
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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.

	5/21/2013	Regional Vice President
Signature	Date	Title

Johnson Mirmiran & Thompson, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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.

 June 3, 2013 Manager
Signature Date Title

Appraisal Review Specialists, LLC
Name of Firm

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Sub-Consultant)

Project No: 0657-029-099, R201, C501, B641

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

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

	5/21/13	President
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.: 0657-029-099, R201, C501, B641

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

 W. HAMID 5/17/13 VICE PRESIDENT
Signature Date Title

Dmy Engineering Consultants
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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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.

Shawn Ward Hawkins 5-17-2013 Vice President
Signature Date Title

EEE Consulting, Inc
Name of Firm

ATTACHMENT NO. 3.2.7(b)

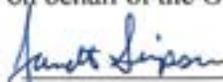
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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.

	May 15, 2013	Vice President
Signature	Date	Title

Peggy Malone & Associates, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0657-029-099, R201, C501, B641

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.

	May 20, 2013	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.: 0657-029-099, R201, C501, B641

- 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 Office or for contracts to be let by the Commonwealth Transportation Board.

Signature		Date		Title	President
Name of Firm	Specialized Engineering				

ATTACHMENT NO. 3.2.7(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

RECEIVED
JUN 06 2013
Johnson, Mirman & Thompson
Richmond, VA

Project No.: 0657-029-099, R201, C501, B641

- 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>LMJ</u>	<u>6/4/2013</u>	<u>Appraiser</u>
Signature	Date	Title
<u>J.L. Kelsey</u>		
Name of Firm		

ATTACHMENT 3.2.8

VDOT PREQUALIFICATION SUPPORTING DOCUMENTATION

TRANSPORT - E22
L4999REQ

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PREQUALIFIED VENDORS SORTED BY VENDOR NAME
THIS LIST INCLUDES ALL PREQUALIFIED LEVELS
AS OF 01/04/2013

01/04/2013
2:15 PM
PAGE 248

- L -

L002
THE LANE CONSTRUCTION CORPORATION
PREQ. EXP : 04/30/2013

--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

ATTACHMENT 3.2.9

SURETY LETTER

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

May 9, 2013

Virginia Department of Transportation
Kevin Reichert, PE APD Office VDOT
1401 E. Broad Street
Richmond, VA 23219

**RE: The Lane Construction Corporation
Request for Qualifications
Walney Road Bridge Replacement and Road Widening
Contract Number: C00104103DB62
Estimated Value of Project: \$12,000,000.00**

Dear Mr. Reichert:

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, Zurich American Insurance Company, 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,

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

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

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 8th day of January, A.D. 2013.

ATTEST:

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



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

Thomas O. McClellan
Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
City of Baltimore

On this 8th day of January, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, 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

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 TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 9th day of May, 2003.



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.

Certificate No. 5848038

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, Brian Driscoll; Jane Gilson; Jean Correia; Kevin A. White; Maria Chaves; Mark P. Herendeen; Regina M. Marquis; Susan M. Kedian; Theresan E. Rowedder

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

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 9th day of November, 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 9th day of November, 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 Insurance 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 9th day of MAY, 2013.



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

SCC AND DPOR INFORMATION

ATTACHMENT 3.2.10

State Project No. 0657-029-099, R201, C501, B641

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	Contractor (Class A)	2701011871	1-31-2014
Johnson, Mirmiran & Thompson, Inc.	F1499013	Foreign Corporation	Active	72 Loveton Cir Sparks, MD 21152	Business Entity Registration	0407001314	12-31-2013
Johnson, Mirmiran & Thompson, Inc.	F1499013	Foreign Corporation	Active	13921 Park Center Rd Herndon, VA 20171	Business Entity Branch Office Registration	0411000441	2-28-2014
Johnson, Mirmiran & Thompson, Inc.	F1499013	Foreign Corporation	Active	9201 Arboretum Pkwy, Ste 310 Richmond, VA 23236	Business Entity Branch Office Registration	0411000029	2-28-2014
Johnson, Mirmiran & Thompson, Inc.	F1499013	Foreign Corporation	Active	272 Bendix Road Ste 260 Virginia Beach, VA 23452	Business Entity Branch Office Registration	0411000440	2-28-2014
Appraisal Review Specialists, LLC	T0490682	Foreign Limited Liability Company	Active	3058 Mount Vernon Road, Ste 12 Hurricane, WV 25523	Appraisal Business Registration	4008001735	4-30-2014
Athavale, Lystad & Associates	F0605842	Foreign Corporation	Active	8180 Greensboro Drive, Ste 550 McLean, VA 22102	Business Entity Registration	0407005631	12-31-2013
DMY Engineering Consultants, LLC	S3134972	Limited Liability Company	Active	45662 Terminal Drive, Ste 110 Dulles, VA 20166	Business Entity Registration	0407005631	12-31-2013
EEE Consulting, Inc.	05049416	Corporation	Active	8525 Bell Creek Rd Mechanicsville, VA 23116	Business Entity Registration	0407003798	12-31-2013
Peggy Malone & Associates, Inc.	F1486192	Foreign Corporation	Active	Non-Professional Services – DPOR Not Required			

ATTACHMENT 3.2.10

State Project No. 0657-029-099, R201, C501, B641

SCC and DPOR Information

Quinn Consulting Services	04925517	Corporation	Active	14160 Newbrook Dr, Ste 220 Chantilly, VA 20151	Business Entity Registration	0407003733	12-31-2013
DIW Group, Inc. dba Specialized Engineering	F1281908	Corporation	Active	4845 International Blvd #104 Frederick, MD 21703	Business Entity Registration	0407004748	12-31-2013
V. Lynn Kelsey	Sole Proprietor – SCC Not Required			Non-Professional Services – DPOR Not Required			

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
Johnson, Mirmiran & Thompson, Inc.	Robert G. Reed	Herndon, VA	Haymarket, VA	Professional Engineer	0402018550	4-30-2015
Quinn Consulting Services	John K. Vicinski	Chantilly, VA	Chantilly, VA	Professional Engineer	0402026380	8-31-2013
n/a (Sole Proprietorship)	Valerie Lynn Kelsey	Spotsylvania, VA	Spotsylvania, VA	Real Estate Appraiser	4001010298	11-30-2013

ATTACHMENT 3.2.10.1

SCC SUPPORTING DOCUMENTATION

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THE LAINE CONSTRUCTION CORPORATION

General

SCC ID: F1224476
Entity Type: Foreign Corporation
Jurisdiction of Formation: CT
Date of Formation/Registration: 6/24/2012
Status: Active
Shares Authorized: 11700

Principal Office

90 FIBELTOWN COURT
CHESHIRE CT 06841

Registered Agent/Registered Office

CT CORPORATION SYSTEM
4701 COX RD STE 303
GLEN MILLS VA 22640
HENRICO COUNTY VA
Status: Active
Effective Date: 1/3/2004

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Johnson, Mirman & Thompson, Inc.

General

SCC ID: F1488613
Entity Type: Foreign Corporation
Jurisdiction of Formation: MD
Date of Formation/Registration: 09/11/2006
Status: Active
Shares Authorized: 1000

Principal Office

21 LAMETON DRIVE
SPRINGFIELD VA 22152

Registered Agent/Registered Office

ROBERT GALLAGHER
3301 ARBORVIEW WAY STE 140
RICHMOND VA 23236
CHESTERFIELD COUNTY VA
Status: Active
Effective Date: 8/6/2007

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Approval Review Specialists, LLC

General

SCC ID: F999881
 Entity Type: Foreign Limited Liability Company
 Jurisdiction of Formation: WV
 Date of Formation/Registration: 2/3/2012
 Status: Active

Principal Office

3030 MOUNT VERNON RD
 HURLOCK WV26328

Registered Agent/Registered Office

INCORP SERVICES INC
 7090 HANOVER GREEN DR
 MECHANICVILLE VA 21101
 HANOVER COUNTY VA
 Status: Active
 Effective Date: 2/3/2012

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ATHAVILLE, LYSTAD & ASSOCIATES, INC.

General

SCC ID: F960242
 Entity Type: Foreign Corporation
 Jurisdiction of Formation: MD
 Date of Formation/Registration: 9/3/1989
 Status: Active
 Shares Authorized: 1000

Principal Office

8190 GREENWOOD DR STE 200
 McLEAN VA 22102

Registered Agent/Registered Office

9925 BROOMFIELD
 5000 GALLONS RD STE 700
 TYSONS CORNER VA 22182
 FARMAX COUNTY VA
 Status: Active
 Effective Date: 6/3/2012

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EMT Engineering Consultants, LLC

General
SCC ID: 53134973
Entity Type: Limited Liability Company
Jurisdiction of Formation: VA
Date of Formation/Registration: 3/11/2010
Status: Active

Principal Office
4342 TOWNSON DR STE 100
SHALERS VA 23086

Registered Agent/Registered Office
4820 MA
4342 TOWNSON DRIVE
SUITE 100
SHALERS VA 23086
LONDON COUNTY VA 22031
Status: Active
Effective Date: 6/23/2012

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EEE Consulting, Inc.

General
SCC ID: 6044418
Entity Type: Corporation
Jurisdiction of Formation: VA
Date of Formation/Registration: 6/23/1998
Status: Active
Shares Authorized: 5000

Principal Office
8121 BELL CREEK RD
MECHANICSVILLE VA 23116

Registered Agent/Registered Office
CT CORPORATION SYSTEM
4701 COX RD STE 303
GLEN ALLEN VA 23060
HENRICO COUNTY VA 23060
Status: Active
Effective Date: 5/15/2012

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PEGGY MALONE & ASSOCIATES, INC.

General

SCC ID: F1486182
Entity Type: Foreign Corporation
Jurisdiction of Formation: FL
Date of Formation/Registration: 03/13/2003
Status: Active
Shares Authorized: 100

Principal Office

1408 BEACH BLVD
STE 24-340
JACKSONVILLE FL 32256

Registered Agent/Registered Office

MURCO REGISTERED AGENT SERVICES, INC.
3311 WRL ROAD
SUITE 100
ALEXANDRIA VA 22304
ALEXANDRIA 22314 200
Status: Active
Effective Date: 8/14/2008

Select an action

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QUINN CONSULTING SERVICES INCORPORATED

General

SCC ID: 04603117
Entity Type: Corporation
Jurisdiction of Formation: VA
Date of Formation/Registration: 03/24/1997
Status: Active
Shares Authorized: 5000

Principal Office

14100 NEWBROOK DRIVE
SUITE 200
CHANTLEY VA 22003

Registered Agent/Registered Office

JOHN H QUINN JR
2208 S WOOD ST
ARLINGTON VA 22202
ARLINGTON COUNTY 100
Status: Active
Effective Date: 03/24/1997

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DW GROUP, INC.

General

SCC ID: F126148
 Entity Type: Foreign Corporation
 Jurisdiction of Formation: WY
 Date of Formation/Registration: 1/30/1997
 Status: Active
 Shares Authorized: 200000

Principal Office

4843 INTERNATIONAL BLVD,
 #104
 FREDERICK MD 21702

Registered Agent/Registered Office

CHARLES WETZEL,
 11401 AVENUE CT
 4348088 SA 20248
 LOUISIANA COUNTY 443
 Status: Active
 Effective Date: 1/30/1997

Select an action

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

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

ATTACHMENT 3.2.10.2

DPOR SUPPORTING DOCUMENTATION FOR EACH OFFICE

License Lookup	Details of license number 270101871		
Online Renewal & Services	Name:	THE LIVE CONSTRUCTION CORPORATION	
Boards	License Number:	270101871	
Professions & Occupations	License Description:	Contractor (Class A)	
Forms & Applications	Class Definition:		
Fair Hearing Office	Trading Name:	VIRGINIA PAVING COMPANY	
Community Associations	Business Type:	Corporation	
Report a License	Address:	80 FELDSTONE COURT CHESHIRE, CT 06410	
Records & Documents	Specialties/Classifications:	<ul style="list-style-type: none"> BUILDING HIGHWAY / HEAVY 	
News & Information	Classification Definition:		
About DPOR	Specialty Definition:		
Contact	Initial Certification Date:	October 12, 1972	
	Expiration Date:	January 31, 2014	print
	Complaints		
	No Open Complaints		
	<p>"Open Complaints" reflect only those complaints against regulators 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.</p>		
	No Closed Complaints		
	<p>"Closed Complaints" reflect complaints against regulators 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) 347-8583 or publicrecords@dpor.virginia.gov.</p> <p>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 Contractor 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.</p>		

License Lookup	Details of license number 0407001314		
Online Renewal & Services	Name:	JOHNSON ARMBRAN & THOMPSON INC.	print
Boards	License Number:	0407001314	
Professions & Occupations	License Description:	Business Entity Registration	
Forms & Applications	Address:	72 LORSTON CIRCLE SPARKS, MD 21152	
Fair Hearing Office	Initial Certification Date:	August 30, 1982	
Community Associations	Expiration Date:	December 31, 2013	
Report a License	Complaints		
Records & Documents	No Open Complaints		
News & Information	<p>"Open Complaints" reflect only those complaints against regulators 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.</p>		
About DPOR	No Closed Complaints		
Contact	<p>"Closed Complaints" reflect complaints against regulators 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) 347-8583 or publicrecords@dpor.virginia.gov.</p>		
	Associated Professional Licensing Information		
	 Join us on Facebook		

License Lookup	Details of license number 0411000441		print
Online Renewal & Services			
Boards	Name:	JOHNSON WIRMBAN & THOMPSON INC.	
Professions & Occupations	License Number:	0411000441	
Forms & Applications	License Description:	Business Entity Branch Office Registration	
Fee Hearing Office	Address:	1701 PARK CENTER RD HERNDON, VA 20171	
Community Associations	Initial Certification Date:	March 4, 2006	
Report a License	Expiration Date:	February 28, 2014	
Records & Documents	Complaints		
News & Information	No Open Complaints		
About DPOR	<p>"Open Complaints" reflect only those complaints against regulators 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.</p>		
Contact	No Closed Complaints		
 Join us on Facebook	<p>"Closed Complaints" reflect complaints against regulators closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.</p>		
	<p>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@dpwr.virginia.gov.</p>		
Associated Professional Licensing Information			

License Lookup	Details of license number 0411000029		print
Online Renewal & Services			
Boards	Name:	JOHNSON WIRMBAN & THOMPSON INC.	
Professions & Occupations	License Number:	0411000029	
Forms & Applications	License Description:	Business Entity Branch Office Registration	
Fee Hearing Office	Address:	901 ARBORVIEW FORTY SIXTH 110 RICHMOND, VA 23236	
Community Associations	Initial Certification Date:	March 24, 1992	
Report a License	Expiration Date:	February 28, 2014	
Records & Documents	Complaints		
News & Information	No Open Complaints		
About DPOR	<p>"Open Complaints" reflect only those complaints against regulators 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.</p>		
Contact	No Closed Complaints		
 Join us on Facebook	<p>"Closed Complaints" reflect complaints against regulators closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.</p>		
	<p>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@dpwr.virginia.gov.</p>		
Associated Professional Licensing Information			

License Lookup

Online Renewal & Services

Boards

Professions & Occupations

Fees & Applications

Fair Housing Office

Community Associations

Report a License

Records & Documents

News & Information

About DPOH

Contact

Join us on Facebook

Details of license number 0411000440

print

Name: JIMMIE ANN ARBURA & THOMPSON INC
 License Number: 0411000440
 License Description: Business Entity Branch Office Registration
 Business Name: JIMMIE ANN ARBURA & THOMPSON INC
 Address: 272 BENDON ROAD SUITE 240
 VIRGINIA BEACH, VA 23452
 Initial Certification Date: 2004-03-06
 Expiration Date: 2014-02-28

Filter: _____

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402019988	TAYLOR, CHRISTOPHER ARNARD	Professional Engineer License	2014-07-31
0402019214	CAMPBELL, GARY DALE	Professional Engineer License	2013-02-28
0402021368	MOORE, WALTER BERRITT	Professional Engineer License	2014-07-31
0402011186	FOWLER, JOHN DUSTIN	Professional Engineer License	2014-02-28
0402001728	HACKETT, MARK ANTHONY	Land Surveyor License	2014-01-31
0401002234	STACKLES, CHARLES BRIAN	Land Surveyor License	2014-06-30

Showing 7 of 8 entries

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No Open Complaints

Open Complaints reflect only those complaints against regulators 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 regulators closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOH's record retention policy.

License Lookup

Online Renewal & Services

Boards

Professions & Occupations

Fees & Applications

Fair Housing Office

Community Associations

Report a License

Records & Documents

News & Information

About DPOH

Contact

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Details of license number 4008001735

print

Name: APPRAISAL REVIEW SPECIALISTS LLC
 License Number: 4008001735
 License Description: Appraisal Business Registration
 Business Type: L
 Address: 3058 MOUNT VERNON ROAD SUITE 12
 HARRISLAKE, WV 25523
 Initial Certification Date: 2012-04-05
 Expiration Date: 2014-04-30

No Open Complaints

Open Complaints reflect only those complaints against regulators 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 regulators closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOH'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) 367-8563 or publicrecords@dpo.hq.virginia.gov.

License Lookup

Online Renewal & Services

Boards

Professions & Occupations

Forms & Applications

Fair Housing Office

Community Associations

Report a License

Records & Documents

News & Information

About DPOR

Contact

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Details of license number 0407002804

print

Name: ATHAYALE LYSTAD AND ASSOCIATES INC.
 License Number: 0407002804
 License Description: Business Entity Registration
 Address: 8180 GREENSBORO DRIVE #500
 MCLEAN, VA 22102
 Initial Certification Date: 1987-04-20
 Expiration Date: 2013-12-31

Filter: _____

Related Licenses

License Number	License Holder Name	License Type	License Expiry
040204447	ANNAD, MERDITAE	Professional Engineer License	2013-06-30
040204748	POB, TREVOLSE A.	Professional Engineer License	2013-06-30
040202682	YRALSH, DANIEL PATRICK	Professional Engineer License	2013-11-30

Showing 1 to 3 of 3 entries

[First] [Previous] [1] [Next] [Last]

No Open Complaints

"Open Complaints" reflect only those complaints against registrants 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 registrants 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 public.records@dpor.virginia.gov.

License Lookup

Online Renewal & Services

Boards

Professions & Occupations

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Details of license number 0407005631

print

Name: DEY ENGINEERING CONSULTANTS LLC
 License Number: 0407005631
 License Description: Business Entity Registration
 Business Type: LLC
 Address: 4542 TERMINAL (RD) SUITE 110
 DOLLES, VA 20146
 Initial Certification Date: 2010-03-10
 Expiration Date: 2013-12-31

Filter: _____

Related Licenses

License Number	License Holder Name	License Type	License Expiry
040201121	NA, YIYI	Professional Engineer License	2015-06-30

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[First] [Previous] [1] [Next] [Last]

No Open Complaints

"Open Complaints" reflect only those complaints against registrants 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 registrants 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 public.records@dpor.virginia.gov.

License Lookup

Details of license number 0407003798

Name: EEE CONSULTING INC
 License Number: 0407003798
 License Description: Business Entity Registration
 Business Type: CORP
 Address: 8525 BELL CREEK RD
 MECHANICSVILLE, VA 23116
 Initial Certification Date: 1998-08-24
 Expiration Date: 2013-12-31

Filter: _____

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402008379	YARD, ROY A	Professional Engineer License	2014-12-31
0402047011	NETUC, MARIA DIVINA MARALO	Professional Engineer License	2014-01-31
0402044520	HERON, LEE FRANKLIN JR	Professional Engineer License	2013-09-30
0402047679	STRANSON, CHRISTOPHER JAMES	Professional Engineer License	2015-06-30

Showing 1 to 4 of 4 entries

[First](#)
[Previous](#)
[Next](#)
[Last](#)

No Open Complaints

"Open Complaints" reflect only those complaints against registrants 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 registrants 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) 367-8383 or publicrecords@pw.virginia.gov.

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License Lookup

Details of license number 0407003733

Name: QUIN CONSULTING SERVICES INC
 License Number: 0407003733
 License Description: Business Entity Registration
 Address: 14160 HENSBROOK DR SUITE 120
 CHARLETT, VA 22911
 Initial Certification Date: March 5, 1998
 Expiration Date: December 31, 2013

Complaints

No Open Complaints

"Open Complaints" reflect only those complaints against registrants 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 registrants 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) 367-8383 or publicrecords@pw.virginia.gov.

Associated Professional Licensing Information

Name: YICRIG, JOHN KEVIN
 License Number: 0402032190
 License Description: Professional Engineer License
 Address: CHARLETT, VA, 22911
 Initial Certification Date: August 10, 1999
 Expiration Date: August 31, 2013

License Lookup	Details of license number 0407004748	
License Renewal & Services	Name:	DNV GROUP INC
Boards	License Number:	0407004748
Professions & Occupations	License Description:	Business Entity Registration
Forms & Applications	Trading Name:	SPECIALIZED ENGINEERING
Fair Hearing Office	Business Type:	CORP
Community Associations	Address:	ARIS INTERNATIONAL, BLDG #104
Report a License	Initial Certification Date:	FREDERICK, MD 21703
Records & Documents	Expiration Date:	November 1, 2025
News & Information	Complaints	
About SPOR	No Open Complaints	
Contact	<p>"Open Complaints" reflect only those complaints against registrants 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.</p>	
	No Closed Complaints	
	<p>"Closed Complaints" reflect complaints against registrants closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPO's record retention policy.</p> <p>To inquire about closed complaints, see the department's Public Records Access or contact the department's Information Management Section at (804) 347-8983 or publicrecords@dpo.virginia.gov.</p>	
	Associated Professional Licensing Information	
	Name:	Professional Engineer License
	License Number:	MITCHELL, CHARLES ROBERT
	License Description:	040200000
	Address:	Professional Engineer License
	Initial Certification Date:	BROADLANDS, VA, 20148
	Expiration Date:	July 17, 1989
		July 31, 2013

ATTACHMENT 3.2.10.3

DPOR SUPPORTING DOCUMENTATION
FOR KEY PERSONNEL

License Lookup	Details of license number 0402018550		print
Online Renewal & Services			
Boards	Name:	REID, ROBERT G.	
Professions & Occupations	License Number:	0402018550	
Firms & Applications	License Description:	Professional Engineer License	
Fair Housing Office	Address:	NAYMARET VA, 20149	
Community Associations	Initial Certification Date:	June 17, 1988	
Report a License	Expiration Date:	April 30, 2015	
Records & Documents	Complaints		
News & Information	No Open Complaints		
About DPOR	<p>"Open Complaints" reflect only those complaints against registrants 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.</p>		
Contact	No Closed Complaints		
	<p>"Closed Complaints" reflect complaints against registrants closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.</p>		
	<p>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.</p>		

License Lookup	Details of license number 0402026380		print
Online Renewal & Services			
Boards	Name:	YOUNG, JOHN KEVIN	
Professions & Occupations	License Number:	0402026380	
Firms & Applications	License Description:	Professional Engineer License	
Fair Housing Office	Address:	ORANTLEY VA, 20151	
Community Associations	Initial Certification Date:	August 16, 1995	
Report a License	Expiration Date:	August 31, 2013	
Records & Documents	Complaints		
News & Information	No Open Complaints		
About DPOR	<p>"Open Complaints" reflect only those complaints against registrants 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.</p>		
Contact	No Closed Complaints		
	<p>"Closed Complaints" reflect complaints against registrants closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.</p>		
	<p>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.</p>		

ATTACHMENT 3.2.10.4

DPOR SUPPORTING DOCUMENTATION FOR NON-APELSCIDLA REGULATED SERVICES

<ul style="list-style-type: none"> License Lookup Online Renewal & Services Boards Professions & Competencies Forms & Applications Fair Housing Office Community Associations Report a License Records & Documents News & Information Recall DPOR Contact 	<h3>Details of license number 4001010298 print</h3> <table border="0"> <tr> <td>Name:</td> <td>SELSEY, VALERIE LYNN</td> </tr> <tr> <td>License Number:</td> <td>4001010298</td> </tr> <tr> <td>License Description:</td> <td>Real Estate Appraiser</td> </tr> <tr> <td>Type:</td> <td>Certified General</td> </tr> <tr> <td>Address:</td> <td>SPOTSWILIANA VA, 22953</td> </tr> <tr> <td>Initial Certification Date:</td> <td>2005 11 28</td> </tr> <tr> <td>Expiration Date:</td> <td>2012 11 30</td> </tr> <tr> <td>Continuing Education:</td> <td>Click here to view continuing education.</td> </tr> </table> <p style="text-align: center;">No Open Complaints</p> <p><i>"Open Complaints" reflect only those complaints against registrants 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 complete investigation is closed.</i></p> <p style="text-align: center;">No Closed Complaints</p> <p><i>"Closed Complaints" reflect complaints against registrants closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.</i></p> <p>To inquire about closed complaints, see the department's Public Records Access or contact the department's Information Management Section at (804) 367-8383 or publicrecords@dpwr.virginia.gov.</p>	Name:	SELSEY, VALERIE LYNN	License Number:	4001010298	License Description:	Real Estate Appraiser	Type:	Certified General	Address:	SPOTSWILIANA VA, 22953	Initial Certification Date:	2005 11 28	Expiration Date:	2012 11 30	Continuing Education:	Click here to view continuing education.
Name:	SELSEY, VALERIE LYNN																
License Number:	4001010298																
License Description:	Real Estate Appraiser																
Type:	Certified General																
Address:	SPOTSWILIANA VA, 22953																
Initial Certification Date:	2005 11 28																
Expiration Date:	2012 11 30																
Continuing Education:	Click here to view continuing education.																

VDOT PREQUALIFIED RIGHT OF WAY ACQUISITION CONSULTANTS

PANEL OF RIGHT OF WAY ACQUISITION CONSULTANTS

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

<u>COMPANY NAME</u>	<u>CONTACT</u>	<u>TELEPHONE NO.</u>
AECOM 4840 Cox Road Glen Allen, VA 23060	G. Lee Cooper	(804) 515-8324
American Acquisition 5600 Mariner St., Suite 104 Tampa, Florida 33609	Wade Brown W. C. Miller	(813) 287-8191 (813) 287-8191
Cardno TBE 1100 Athens, Suite A Richmond, VA 23227-1145	Mike Woods	(804) 285-4811
Coates Field Service, Inc. 4800 N. Santa Fe Oklahoma City, OK 73118	Joe Coates	(405) 528-5676
Continental Field Services P. O. Box 915 (32 E. Field Rd.) Bedford, NY 10506 6320 Augusta Dr., Suite 401 Springfield, VA 22150	Michael Hill Paul Shray	(914) 234-4194 (703) 451-5577
Diversified Property Services 20 E. Timonium Road, Suite 111 Timonium, MD 21093	Patricia E. Dablock	(410) 252-5075 or (800) 996-5499
Greenhorne & O'Mara, Inc. 10800 Midlothian Turnpike, Suite 310 Richmond, VA 23235	Tim Copeland Project Director	(804) 897-6309 (757) 647-8474 (cell)

PANEL OF RIGHT OF WAY ACQUISITION CONSULTANTS

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

KDR Real Estate 2500 Grenoble Road Richmond, Virginia 23294	Allen G. Dorin	(804) 672-1368 Ext. 302
O. R. Colan 22710 Fairview Center Drive Fairview, Ohio 44126	Catherine Muth Kevin Robison Steve Toth	(704) 529-3115 Ext. 255 (440) 827-6116 Ext. 202 (440) 827-6116
Pinnacle Consulting Management 1141 N. Robinson, Ste 402 Oklahoma City, OK 73103	Jennifer Harrison	(405) 879-0600
Vaughn & Melton Consulting Engineers, Inc. P. O. Box 1425 109 S. 24th Street Middlesboro, Kentucky 40965	Randolph Scott	(606) 248-6600
Volkert & Associates 5400 Shawnee Road, Suite 301 Alexandria, VA 22312	Dennis Morrison	(703) 642-8100
Universal Field Services P. O. Box 35666 (74153-0666) 6666 South Sheridan Rd., Suite 230 Tulsa, Oklahoma 74133-1763	Steve Benson Leslie Pacheco	(918) 494-7600 (856) 795-1314

PANEL OF RIGHT OF WAY ACQUISITION CONSULTANTS

**FIRMS WHO ARE PREQUALIFIED FOR VDOT ADMINISTERED CONTRACTS
(INCLUDES P3 AND DESIGN BUILD)**

<u>COMPANY NAME</u>	<u>CONTACT</u>	<u>TELEPHONE NO.</u>
Gulf Coast Property Acquisition, Inc. 4339 Stuart Andrew Blvd. Suite 220 Charlotte, NC 28217	Paul W. McMahan	(704) 529-3949
Johnson, Mirmiran & Thompson, Inc. 72 Loveton Circle Sparks, Maryland 21152-0949 Johnson, Mirmiran & Thompson, Inc.	Joe Miklochik	(410) 316-2487
Rinker Design Associates, P. C. 9385 Discovery Boulevard Suite 200 Manassas, VA 20109	Christopher R. Reed, CSI	(703) 368-7373
Telics PO Box 830 Statesville, NC 28687	Steve Nichols David Bailey, Senior Mgr. Taylor Keith, Manager	(704) 872-5060 (919) 356-6695 (252) 375-5010
CDM SMITH 2112 West Laburnum Suite 100 Richmond, VA 23227	Wesley O. Stafford, P. E. staffordwo@cdmsmith.com kingpf@cdmsmith.com	(304) 345-2339 (804) 377-2300
Bowman Consulting Group 9813 Godwin Drive Manassas, VA 20110	Ronnie Van Cleve Senior Project Manager	(703) 302-8740 (703) 867-5197

VDOT PREQUALIFIED APPRAISERS AND APPRAISAL FIRMS

**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>		
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
Castle, David N. Certified General	310 W. Main Street P. O. Box 1296 Lebanon, Virginia 24266 (276) 889-4020 (276) 889-2749 – Fax Dcastle@bvu.net	
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	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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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
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	

<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
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	
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
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	

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

SPECIALITY APPRAISERS

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
Hart, Robert N. Gas & Oil	HartPetro, LLC Oil & Gas Consultants & Appraisers P. O. Box 3814 Charleston, West Virginia 25338 (304) 345-3244 (304) 542-0036 (cell) hartpetro@gmail.com	

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

APPRAISER ONLY DESIGNATION

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
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BRISTOL DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (281) 493-6845	
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CULPEPER DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (281) 493-6845	
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Kelsey, Valerie Lynn Certified General Real Estate Appraiser	Lynn Kelsey* 13511 Buglenote Way Spotsylvania, Virginia 22553-4136 vlkelsey@gmail.com (540) 972-9858 (Fax & Phone #)	
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Hantzes, Brendan Certified General	Diversified Prop. Services 20 E. Timonium Rd. #100 Timonium, MD 21093 (410) 252-5075 bhantzes@cox.net	
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Camp, Michael Manager	Michael Camp, ASA 6200 Gibbsdown Place Mechanicsville, VA 23111 (804) 417-7700 mxcamp@gmail.com	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Calamos, Christopher S. Certified Residential	821 Bright Street Fredericksburg, VA 22401 (540) 809-9245 calamos@mrisc.com	
Smith, Sr., Patrick M. MSA	NoVaStar Appraisals, Inc. 4121 Plank Road #134 Fredericksburg, Virginia 22407 (540) 786-8220 (571) 243-7426	
Stuchell, Richard	Richard Stuchell Sole Proprietor Stuchell Valuations 10012 Shadowridge Court Fredericksburg, Virginia 22407	

FREDERICKSBURG DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
Kelsey, Valerie Lynn Certified General Real Estate Appraiser	Lynn Kelsey* 13511 Buglenote Way Spotsylvania, Virginia 22553-4136 vlkelsey@gmail.com (540) 972-9858 (Fax & Phone #)	
Smith, Sr., Patrick M. MSA	NoVaStar Appraisals, Inc. 4121 Plank Road #134 Fredericksburg, Virginia 22407 (540) 786-8220 (571) 243-7426	
Stuchell, Richard	Richard Stuchell Sole Proprietor Stuchell Valuations 10012 Shadowridge Court Fredericksburg, Virginia 22407	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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HAMPTON ROADS DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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Fleear, Christopher C. Certified Residential APPRAISER DESIGNATION	Gretakis & Associates 400 N. Center Drive Bldg. 3, Suite 108 Norfolk, Virginia 23502 (757) 461-9440 (757) 461-9224 – Fax cfleeara4@yahoo.com	SWAM/DBE
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Lilly, Phyllis Certified General	11208 Lilly Lane Prince George, Virginia 23875 (804) 721-1274 Phyllis.Lilly1210@gmail.com	
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Stuchell, Richard	Richard Stuchell Sole Proprietor Stuchell Valuations 10012 Shadowridge Court Fredericksburg, Virginia 22407	
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LYNCHBURG DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
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NORTHERN VIRGINIA DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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Calamos, Christopher S. Certified Residential	821 Bright Street Fredericksburg, VA 22401 (540) 809-9245 calamos@mrisc.com	
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Kelsey, Valerie Lynn Certified General Real Estate Appraiser	Lynn Kelsey* 13511 Buglenote Way Spotsylvania, Virginia 22553-4136 (540) 972-9858 vlkelsey@gmail.com	
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Hantzes, Brendan Certified General	Diversified Prop. Services 20 E. Timonium Rd. #100 Timonium, MD 21093 (410) 252-5075 bhantzes@cox.net	
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Smith, Sr., Patrick M. MSA	NoVaStar Appraisals, Inc. 4121 Plank Road #134 Fredericksburg, Virginia 22407 (540) 786-8220 (571) 243-7426	
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Stuchell, Richard	Richard Stuchell Sole Proprietor Stuchell Valuations 10012 Shadowridge Court Fredericksburg, Virginia 22407	
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RICHMOND DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Hantzes, Brendan Certified General	Diversified Prop. Services 20 E. Timonium Rd. #100 Timonium, MD 21093 (410) 252-5075 bhantzes@cox.net	
Camp, Michael Manager	Michael Camp, ASA 6200 Gibbsdown Place Mechanicsville, VA 23111 (804) 417-7700 mxcamp@gmail.com	
Calamos, Christopher S. Certified Residential	821 Bright Street Fredericksburg, VA 22401 (540) 809-9245 calamos@mrisc.com	
Sheffield, W. Scott APPRAISER DESIGNATION	Sheffield Appraisal LLC P.O. Box 2839 Petersburg, Virginia 23804 (804) 732-3736 Scott@sheffieldappraisal.net	
DeAstra, Lore F. MBA,SRA,CCRA SCV,CTM Director, RE Services	Continental Appraisal Consultants, LTD 2711 Buford Road, Suite 101 Richmond, Virginia 23235 (804) 231-4676 (804) 231-7632 Lore.DeAstra@Continental-Appraisal.com	SWAM
Lilly, Phyllis Certified General	11208 Lilly Lane Prince George, Virginia 23875 (804) 721-1274 Phyllis.Lilly1210@gmail.com	
Smith, Sr., Patrick M. MSA	NoVaStar Appraisals, Inc. 4121 Plank Road #134 Fredericksburg, Virginia 22407 (540) 786-8220 (571) 243-7426	

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

SALEM DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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STAUNTON DISTRICT

Bethel, David R. Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 dbethel@appraiser.com (281) 493-4444 (291) 493-6845	
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**FEE REVIEW APPRAISERS/FEE REVIEW APPRAISAL FIRMS
APPROVED BY VDOT TO PERFORM
APPRAISAL REVIEW SERVICES**

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Pratt, Robert M. Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Barber, R. Scott Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Schwartz, Phil Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Bradford, Jennings Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Crawford, Steven M. CEO	Riverridge Valuations, Inc. 135 Brassy Court Johns Creek, Georgia 30022 stevencrawford@bellsouth.net (404) 401-3838 (Cell) (770) 640-1922 (Fax)	SWAM
Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 davisappraisals@embarqmail.com douglad@embarqmail.com	SWAM

ATTACHMENT 3.3.1

KEY PERSONNEL RESUMES

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: JAN A. SHERMAN PROJECT MANAGER	
b. Project Assignment: DESIGN-BUILD PROJECT MANAGER	
c. Name of Firm with which you are now associated: LANE CONSTRUCTION	
d. Years experience: With this Firm 15 Years With Other Firms 0 Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): The Lane Construction Corporation, Project Manager/Assistant District Manager, 1998 – Present: Mr. Sherman has 15 years of construction experience on a wide assortment of projects including highway, bridge, airport, and tunnel construction. His project experience includes asphalt plant operations; asphalt runway, taxiway, and apron construction; bridge, structure, and parking lot construction; cut and cover pedestrian tunnels; and trail construction. The tasks encountered on his projects have included bridge replacement, roadway widening and rehabilitation, dirt and rock excavation, blasting, excavation support, micro-piles, caissons, underground utilities, storm drainage, reinforced structural concrete, architectural concrete, concrete pavement, asphalt pavement, milling, traffic control, site electrical, interior electrical, mechanical, plumbing, terrazzo, precast concrete, elevators, escalators, moving walkways and various finishes. Throughout his career with LANE, Mr. Sherman has held various positions including Estimator, Foreman, QC Technician, QC Manager, Project Engineer, Project Manager, and currently Assistant District Manager. In this role, Mr. Sherman oversees Virginia Sign & Lighting Company (VSLC), a division of LANE. He coordinates all VSLC project work for highway signage, highway lighting and intelligent tolling systems. His increasing responsibilities have included the management of office & field personnel, adherence to corporate safety policies, contract administration, submittals, requests for information, payment requisitions, project scheduling, procurement, change order negotiations, management of resources and costs, and subcontractor and design consultant coordination.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Clarkson University, Potsdam, NY/ B.S./1998/ Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Erosion & Sediment Control Contractor Certification #4934C	
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)	
Project: B VDOT I-495 Express Lanes, Fairfax County, VA	
Name of Firm: Lane Construction	Project Role: Project Manager (Area 2)
Beginning Date: 2010	End Date: 2012
<u>Specific Responsibilities:</u> Mr. Sherman was the Area 2 Project Manager for the \$1.5 billion I-495 Express Lanes project, one of the largest transportation projects in the Northern Virginia area. This project scope included two new lanes constructed 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. Area 2 of the I-495 Express Lanes encompasses the I-495 interchange at I-66, the new HOT ramp access at Route 29, W&OD Trails, and overpasses south of the Route 7 Interchange. Construction of the new interchanges in Area 2 required close coordination with homeowners, WMATA, NVRPA 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 manner to minimize impacts to the traveling public. As the Project Manager of Area 2, Mr. Sherman was responsible for oversight of construction activities, assisting in estimating quantities, reviewing construction plans and general conduct of the project in Area 2. In addition, he assisted with the maintenance and updating of the project CPM schedule using Primavera Scheduling software as well as scheduling and assuring continued inspection of all materials and construction for conformance to the contract plans and specifications. Project relevancy to Walney Road includes bridge/structure replacement, roadway widening, MOT, drainage and grading, and all associated project management functions.	

Project: MWAA Ronald Reagan Washington National Airport Runway 15-33 Overlay and Taxiways Rehabilitation, Washington, DC	
Name of Firm: Lane Construction	Project Role: Project Manager
Beginning Date: 2009	End Date: 2010
Specific Responsibilities: As the Project Manager, Mr. Sherman was responsible for all aspects of the project, including but not limited to the management of office and field personnel, safety, schedule, costs, equipment, material, subcontracts, compliance with the contract, and client relations. The scope of work included coordination with the owner, FAA, airport operations, airlines and subcontractors; in order to rehabilitate the existing runway 15-33 and it's associated taxiways. This multi-phase, fast paced project includes full depth (30") pavement reconstruction, partial depth (8") pavement restoration and surface mill and overlay. The phases of work were either limited to a 5-hour nighttime work window or performed in 36-hour weekend closures, which both required precise planning and coordination with all stakeholders to ensure the reopening of the airfield after each work window. Quantities include 60,000+ tons of P-401 asphalt, 8,000+ cubic yards of excavation, 250,000+ square yards of asphalt milling and 10,000+ tons of sub-base stonework. This work is being performed for the Metropolitan Washington Airports Authority. Approximate Contract Value for this project: \$13+ million. Project relevancy to Walney Road includes asphalt paving and milling, night work scheduling and all associated project management functions.	
Project: MWAA APM Package 6 - Dulles International Airport, VA	
Name of Firm: Lane Construction	Project Role: Project Manager
Beginning Date: 2003	End Date: 2009
Specific Responsibilities: The \$103 million award-winning Automated Airport Train System replaced most of the current Mobile Lounges that transport passengers between the Terminal and concourses. The Package 6 Automated People Mover Main Station connects all the gates into one underground system. The train systems Main Station is adjacent to the Dulles Main Terminal and involved a vertical cut 50' below ground at the base of the Dulles Main Terminal and Air Traffic Control Tower. Both structures were underpinned with an extensive micro-pile shoring system. The support of excavation system included drilled piles, grouted and post-tensioned tiebacks, grouted rock-bolts, split sets and shot-crete. More than 300,000 CY of rock excavation was required, some of which was blasted adjacent to the existing terminal building. The concrete work took 36 months involving 50,000 CY of cast in place structural/architectural concrete along with eleven million pounds of rebar, one million square feet of formwork and 250,000 square feet of falsework was erected. Completed in September 2009, this structure is 4 stories high with structure dimensions of 1200' long by 100' wide by 50' high. The bottom level of this structure is similar to a subway station and the top floor having a very complex post-tensioned cast in place roof structure with enormous skylights. Site work included 1500 lf of water and sewer lines along with 10,000 square yards of concrete paving and surface restoration and numerous utility relocations. Mr. Sherman began working on this project as a Project Engineer, through his proven abilities; he was promoted to Assistant Project Manager in 2005 and then Project Manager in 2009. Project relevancy to Walney Road includes precise structural engineering capabilities and all associated project management functions.	
Project: MWAA Gate 313 – Dulles International Airport, VA	
Name of Firm: Lane Construction	Project Role: Assistant Project Manager In Charge
Beginning Date: 2005	End Date: 2005
Specific Responsibilities: Work on the \$3 million Dulles Gate 313 Project consisted of constructing a new security checkpoint entrance to be used primarily by construction vehicles that required access to the Airport's Security Perimeter. New pavement roadways, milling and overlay of existing roadways were some of the contractual work items provided by LANE. The new checkpoint also included a six-lane inspection station with queuing area, facilities for security personnel, weather protection canopy CCTV system, roadway and under canopy lighting sufficient for the inspection of vehicles, suspect vehicle pull off area and a lighted employee lot. Project relevancy to Walney Road includes roadway construction and widening, and drainage and grading considerations.	
Project: MWAA Washington Dulles International Airport Task Order, Dulles, VA	
Name of Firm: Lane Construction	Project Role: Project Engineer
Beginning Date: 2004	End Date: 2005
Specific Responsibilities: Work on this \$6 million task order included coordination with mechanical, electrical and other subcontractors to perform various projects involving site development, soil stockpile management, site grading, site utilities, pavement marking, and interior electrical and mechanical utilities. Mr. Sherman's responsibilities included owner-directed construction tasks, field crew and subcontractor supervision and coordination, costing, scheduling, and recording of quantities. Project relevancy to Walney Road includes site development, utilities, and pavement marking.	

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: JOHN VICINSKI, PE, DBIA QUALITY ASSURANCE MGR
b. Project Assignment: QUALITY ASSURANCE MANAGER
c. Name of Firm with which you are now associated: QUINN CONSULTING SERVICES, INC.
d. Years experience: With this Firm 5 Years With Other Firms 25 Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): Quinn Consulting Services, Inc., Quality Assurance Manager, 2008 – Present: Mr. Vicinski has worked as a Quality Assurance Manager exclusively for Design-Build projects. His project history includes: <ul style="list-style-type: none">• January 2011 to Present - Client: Dewberry. Quality Assurance Manager (QAM) for the FHWA Fairfax County Improvements (Phase III) Design-Build Project.• April 2010 to December 2010 – Client: Dewberry. Quality Assurance Manager (QAM) for the VDOT Waxpool Road and Loudoun County Parkway Interchange Improvements Design-Build Project.• November 2008 to March 2010 – Client: HNTB. 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.• June 2008 to November 2008 – Client: Alpha Corporation. Quality Assurance Manager (QAM) for the VDOT Pacific Boulevard Design-Build Project.• June 2008 to November 2008 – Client: Alpha Corporation. Quality Assurance Manager (QAM) for the VDOT Battlefield Parkway Design-Build Project.• June 2008 to November 2008 – Client: Alpha Corporation. 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. Alpha Corporation, Vice President, 1998 – Present: As vice president and director of transportation services in Virginia, he 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. Some of those projects included: <ul style="list-style-type: none">• 2008 to 2008 – Client: Dewberry. Quality Assurance Manager (QAM) for the VDOT Battlefield Parkway Design-Build Project.• 2008 to 2008 – Client: Lane Construction. Quality Assurance Manager (QAM) for the VDOT Design-Build Gilberts Corner Project in Loudoun County, Va.• 2007- 2008 – Client: Virginia Port Authority (VPA). Quality Assurance Manager (QAM) on 56 million dollar, 5.6 mile rail and roadway design-build project in Portsmouth, Va.• 2006-2008 – Client: VDOT. Project Director in charge of providing CEI inspectors and support services on I-66 Gainesville Interchange project.• 2005-2008 – Client APM Terminals. Project director on construction of 500 million dollar container terminal in Portsmouth, Va.• 2005-2008 and 1995-1998 – Client: VDOT. Inspector Coordinator on VDOT Northern Virginia District-wide CEI Contracts.• 2006-2008 – Client: City of Alexandria. Project Director in charge of providing CEI services on Monroe Street Design-Build project.• 2005-2008 – Client: Prince William County. Project Director in charge of providing CEI services on transportation projects in Prince William County.• 2005-2008 – Client: Fairfax County. Project Director in charge of providing CEI services on environmental and building projects in Fairfax County.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Pittsburgh at Johnstown / BS / 1982 / Civil Engineering Technology
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1992 / Civil Engineer / 0402 026380
g. Document the extent and depth of your experience and qualifications relevant to the Project. <ol style="list-style-type: none">1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i>2. <i>Note whether experience is with current firm or with other firm.</i>3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Project: B VDOT Fairfax County Parkway, Fairfax, VA	
Name of Firm: Quinn Consulting Services, Inc.	Project Role: Quality Assurance Manager
Beginning Date: 2010	End Date: 2012
Specific 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: B VDOT I-495 Express Lanes, Fairfax County, VA	
Name of Firm: Quinn Consulting Services, Inc.	Project Role: Quality Assurance Manager
Beginning Date: 2008	End Date: 2012
Specific 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: B Route 50 Traffic Calming (at Gilbert's Corner), Loudoun County, VA	
Name of Firm: Quinn Consulting Services, Inc.	Project Role: Quality Assurance Manager
Beginning Date: 2008	End Date: 2008
Specific 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: B VDOT Waxpool Road, Loudoun County, VA	
Name of Firm: Quinn Consulting Services, Inc.	Project Role: Quality Assurance Manager
Beginning Date: 2010	End Date: 2010
Specific 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.	
Project: B Battlefield Parkway, Town of Leesburg, VA	
Name of Firm: Quinn Consulting Services, Inc.	Project Role: Quality Assurance Manager
Beginning Date: 2008	End Date: 2008
Specific Responsibilities: Quality Assurance Manager (QAM) on construction of Battlefield Blvd. extension East of the Town of Leesburg. Project elements included: right-of-way acquisition, utility relocation, new roadway and bridge construction, erosion and sediment control, MOT, and drainage work. Responsible for overseeing quality assurance activities, reviewing and approving monthly pay estimates, and verifying that contractor and QC personnel perform work in accordance with the contract documents and the project specific QA/QC plan and VDOT's Minimum Quality Control & Quality Assurance Requirements for Design-Build & Public-Private Transportation Act Projects.	

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: ROBERT REED, PE REGIONAL TRANSPORTATION MANAGER, V.P.
b. Project Assignment: DESIGN MANAGER
c. Name of Firm with which you are now associated: JOHNSON MIRMIRAN & THOMPSON, INC.
d. Years experience: With this Firm ≤1 Years With Other Firms 39 Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): JMT, Regional Transportation Manager; September 2012 - Present Mr. Reed manages transportation design and planning projects within the Commonwealth of Virginia with a primary focus serving his long-established clients within Northern Virginia. He serves as transportation program manager for our Herndon office as well as project manager for major transportation design projects with full support from established staff from all JMT offices. He would be available for immediate assignment to this project. Parsons, Senior Project Manager/Design Director; 1997 - 2012: Served as project manager leading all facets of the design of transportation projects for clients including VDOT, FHWA-EFLHD, and Fairfax County DOT. Design projects included interchanges on I-95, widening of the Fairfax County Parkway, numerous intersection reconstructions and road widening projects. He prepared preliminary plans, estimates, and bid documents for Design-Build projects for Pacific Boulevard, Sycolin Road Overpass, Battlefield Parkway, and the addition of Truck Climbing Lanes on I-81. He was responsible for the conduct of all aspects of his projects including quality control, administration, risk assessment, safety, management of multiple disciplines, negotiation of contracts and subcontracts, as well as financial and schedule controls. Mr. Reed also served as the Design Manager /Assistant Project Manager for the joint venture helping VDOT to oversee the Downtown Tunnel / Midtown Tunnel / Martin Luther King Expressway during the formative stages of the PPTA project for over three years. Mr. Reed led roadway designs conforming to VDOT format using GEOPAK and MicroStation, designed complex maintenance of traffic plans, prepared signal plans, and coordinated geotechnical, structural and bridge designs. He personally led in concept development, closely directed final designs, and provided detailed stormwater management and hydrologic and hydraulic designs for most of his projects. Mr. Reed's experience encompasses the planning and design of complex utility services, including communications (FO and cable), electrical distribution, water supplies, gas lines, steam heating systems, chilled water for cooling, solid waste pneumatic systems, medical gasses, fuel, and sanitary sewers including reuse of water for irrigation and combined stormwater/sanitary sewer systems.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Rensselaer Polytechnic Institute, Troy, New York/ BS/1972/Civil Engineering Rensselaer Polytechnic Institute, Troy, New York/ ME/1973/Civil Engineering (Transportation) Kentucky College Of Engineering – Continuing Education/1976&1979) , Engineering Economics Pennsylvania State University – Continuing Education/1977 & 1991), River Mechanics & Stormwater Management
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1988/Virginia Professional Engineer/#0402-018550 2009/ATTSA-VDOT Advanced Work Zone Traffic Control/#121809011 2006 /Parsons Certified Project Manager/#72903
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Project: B VDOT-Route 7-15 Widening (Leesburg Bypass), Town Of Leesburg, VA	
<i>Name of Firm:</i> Parsons Transportation Group Inc. of Virginia	<i>Project Role:</i> Project Manager
<i>Beginning Date:</i> 2009	<i>End Date:</i> 2012
<u>Specific Responsibilities:</u> Project Manager to widen the southeast quadrant of the bypass around Leesburg Virginia. This project included modifications to two crossings of Tuscarora Creek, two interchanges, provided a grade-separated overpass at the Sycolin Road intersection, and designed trail relocation and new connections for the crossing of the W&OD Trail. Led design efforts including roadway and drainage design (including hydraulic modeling for stream crossings), configuration of bridges and retaining walls, and developed a full transportation management plan. Documented and conducted VDOT's Risk Analysis Workshop. A portion of the project, the Sycolin Road Overpass, was split from the main project and developed a Design-Build Procurement; Mr. Reed assisting in preparing and advertising the project for VDOT. Provided design QC and conducted Public Hearing. Project relevancy to Walney Road includes precise structural engineering capabilities, stream hydraulics, relocation of water, sewer, and overhead utility lines, impacts to parkland, detour traffic analysis for road closure during construction, and all associated project management functions.	
Project: B VDOT-Downtown Tunnel/Midtown Tunnel/Martin Luther King Expressway, Norfolk and Portsmouth, VA	
<i>Name of Firm:</i> Southeast Transportation Partners – a joint venture including Parsons Transportation Group Inc. of Virginia	<i>Project Role:</i> Assistant PM/Design Manager
<i>Beginning Date:</i> 2010	<i>End Date:</i> 2012
<u>Specific Responsibilities:</u> Design Manager and Assistant Project Manager augmenting VDOT in the development of this PPTA project under the Elizabeth River to add a second tube to the Midtown Tunnel, upgrade the Downtown Tunnel, and provide the Martin Luther King Expressway to connect the Midtown Tunnel to I-264. Managed an international team of expert subconsultants. Provided QC and approval reviews of all design submittals including: alignments; maintenance of vehicular, marine, and rail traffic; establishment and enforcement of design criteria; utility relocations; right of way acquisitions, and review of design exceptions and waivers. Project relevancy to Walney Road includes precise roadway, TMP, relocations of major and minor utilities, flood issues, design waivers and exceptions, structural engineering, and all associated project management functions.	
Project: B VDOT- I-81 Truck Climbing Lane, Christiansburg, VA	
<i>Name of Firm:</i> Parsons Transportation Group Inc. of Virginia	<i>Project Role:</i> Project Manager
<i>Beginning Date:</i> 2007	<i>End Date:</i> 2008
<u>Specific Responsibilities:</u> Project Manager for preliminary design a design-build project to provide a 9-mile truck climbing lane for southbound I-81 in Montgomery County with complex phasing to accommodate traffic during construction with heavy truck volumes. Led design of roadway widening, complex rock cuts, development of storm water management system (SWM) with rock substrata, and VDOT Risk Analysis and Value Engineering Workshops. Conducted Public Hearing and provided design QC. Project relevancy to Walney Road includes structural engineering for 3 bridges, TMP, relocations of FO lines and overhead utilities, and all associated project management functions.	
Project: VDOT (Managed by Fairfax County) - Fairfax County Parkway Widening, Fairfax County, VA	
<i>Name of Firm:</i> Parsons Transportation Group Inc. of Virginia	<i>Project Role:</i> Project Manager
<i>Beginning Date:</i> 2005	<i>End Date:</i> 2010
<u>Specific Responsibilities:</u> Project Manager for a design to widen Fairfax County Parkway from 4 lanes to 6 lanes (a limited access freeway with at-grade intersections) from U.S. Route 50 to the Dulles Toll Road. Included 6 miles of widening along the mainline and the redesign of nearly 6 miles of crossing roadways. Design tasks included: traffic and HOV analyses, signal design, drainage, bicycle and pedestrian facilities, storm water management facilities, erosion and sediment control, grading and paving, traffic signs and markings, temporary traffic control, Value Engineering workshop, as well as right of way and plats. Conducted a series of citizen's information meetings and agency coordination. Provided design QC. Project relevancy to Walney Road includes roadway and street design, complex traffic analyses, impacts to major gas transmission lines and minor utilities, public involvement, as well as all associated project management functions.	

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: BARRY M. BERNSTEIN, PE PROJECT MANAGER	
b. Project Assignment: CONSTRUCTION MANAGER	
c. Name of Firm with which you are now associated: LANE CONSTRUCTION	
d. Years experience: With this Firm 29 Years With Other Firms 0 Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): The Lane Construction Corporation, Project Manager, 1998 – Present: Mr. Bernstein has 29 years of experience in the construction industry and is responsible for managing project construction efforts including quality control activities. Responsibilities include overseeing daily construction and ensuring all materials used and work performed are in compliance with specifications. He is responsible for project cost, staffing, and scheduling. He has served as Project Manager and Construction Manager on several Design-Build, PPTA, and other projects in Northern Virginia and the greater Washington, D.C. metro area. He is familiar with Intelligent Transportation Systems (ITS) and tolling systems, signage and lighting, bridge and roadway construction, airport and light rail systems, retaining walls, and other heavy civil construction elements.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Lehigh University, Bethlehem, PA/ B.S./1984/ Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: VDOT Sediment and Erosion Control Contractor Certification/2157C DCR Responsible Land Disturber Certification/34512	
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)	
Project:  VDOT I-95 Express Lanes, Fairfax, Prince William and Stafford Counties, VA	
Name of Firm: Lane Construction	Project Role: Project Manager
Beginning Date: 2012	End Date: On-going (Available 12/2013)
<u>Specific Responsibilities:</u> Mr. Bernstein serves as the Project Manager for this \$691 million D-B, P3 project. The I-95 Express Lanes project in Northern Virginia will create approximately 29 miles of High Occupancy Toll Lanes on I-95 from Alexandria, VA on the northern terminus to Stafford, VA at the southern terminus. A seamless, direct line to the I-495 Capital Beltway Express Lanes will be created at the completion of this project. This project will add capacity to the existing HOV Lanes from the Prince William Parkway to the vicinity of Edsall Road and improve the existing two HOV lanes for six miles from Route 234 to the Prince William Parkway. A nine-mile reversible two-lane extension of the existing HOV lanes from Dumfries to Garrisonville Road in Stafford County will help to alleviate the current traffic bottleneck. This project consists of an extensive ITS and signing system, sound walls, asphalt mill and overlay, shoulder reconstruction, structural bridge work; and an 8.3 mile roadway extension that consists of major clearing, earthwork, and bridge flyovers. Mr. Bernstein is responsible for coordination and scheduling of contractors, oversight of crew and work conditions, owner coordination, safety and equipment, contract compliance and costing. Project relevancy to Walney Road includes structural bridge work, signage, MOT, drainage and grading, and all associated project management functions.	

Project: VDOT Jones Point Park, Alexandria, VA	
Name of Firm: Lane Construction	Project Role: Project Manager
Beginning Date: 2010	End Date: 2012
Specific Responsibilities: This \$16 Million project has refurbished the national park under the Woodrow Wilson Bridge. Construction included unusual items including a tot lot, playground, fishing pier, floating dock, basketball courts, soccer fields, comfort station, 'rock mulch' – rip rap bedding surrounding bridge piers outlined by large curb islands, light house refurbishment, historical stone retaining wall replacement, Potomac River shoreline restoration, recycled crushed concrete and paved colored asphalt jogging, walking, bicycle paths, and electric collapsible barricade. More typical construction work elements included new park entry road with parking spaces at end of road, restricted access road under the Wilson Bridge for future events and/or overflow parking. Mr. Bernstein was responsible for overseeing work crews, subcontractors, project schedules and costs, and ensuring construction plans were in accordance with contract specifications. Project relevancy to Walney Road includes in-the-wet construction, asphalt paving and milling, and all associated project management functions.	
Project: B MDSHA Arena Drive Interchange, MD	
Name of Firm: Lane Construction	Project Role: Construction Manager
Beginning Date: 2007	End Date: 2009
Specific Responsibilities: This project involved widening I-495/95 at the existing grass median from Arena Drive past MD 202 to the Glenarden Parkway overpass (approximately 2 miles). This \$27 million project was designed to fill in 2 miles of I-495 median with 1 new lane and new median shoulders in each direction. The project included widening of 2 existing ramps and the closing of 3 existing loop ramps. Project quantities included: 40,000 CY excavation, 45,000 TN graded aggregate base stone, 23,000 LF of concrete traffic barrier, 6,300 LF of 18" to 48" storm drain pipe, 60 storm drain structures, 82,000 TN HMA paving, 9,000 LF slip form bifurcated median barrier, 35,000 LF of guardrail, 120 street light foundations and poles, 12 traffic signal foundations and poles, 12 overhead signs. Mr. Bernstein was responsible for planning, directing, and coordinating the project budget and construction, and scheduling and coordinating subcontractors. Project relevancy to Walney Road includes roadway widening, signage, MOT, asphalt paving and milling, and all associated construction management functions.	
Project: B PWCDOT Sudley Manor Drive and Linton Hall Road PPTA, Prince William County, VA	
Name of Firm: Lane Construction	Project Role: Construction Manager
Beginning Date: 2005	End Date: 2007
Specific Responsibilities: This project included two new secondary roads: Linton Hall Road, which is a ¼ mile relocation with two 12' lanes in each direction and grass median with turn lanes, and Sudley Manor Drive, which encompassed 1.5 miles of new road construction with intersections at 4 existing cross roads and has the same configuration as Linton Hall Road. This was a borrow job with approximately 400,000 cy embankment and 125,000 cy excavation. The project also included is 20,000 lf of storm drain, 150 storm drain structures, 2,000 lf of water and sanitary sewer line, 70,000 tons of aggregate base stone. Mr. Bernstein was responsible for planning, directing, and coordinating the project budget and construction, and scheduling and coordinating subcontractors. Project relevancy to Walney Road includes, asphalt paving and milling, drainage and grading, and all associated construction management functions.	
Project: MWAA Dulles Toll Ramps, Dulles, VA	
Name of Firm: Lane Construction	Project Role: Construction Manager
Beginning Date: 2004	End Date: 2005
Specific Responsibilities: This \$5.8 million project included the widening of the Dulles Toll Road and the ramps leading to and from the I-495 Capital Beltway. Work included ramp widening, cast in place and reinforced earth retaining walls, sheet piling, overhead and cantilever sign work, guardrail, storm drain modifications and hot mix asphalt paving. Mr. Bernstein was responsible for planning, directing, and coordinating the project budget and construction, and scheduling and coordinating subcontractors. Project relevancy to Walney Road includes roadway widening, signage, drainage and grading, asphalt paving, and all associated construction management functions.	

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: WAYNE LINDSEY UTILITIES COORDINATION MANAGER	
b. Project Assignment: LEAD UTILITIES COORDINATION MANAGER	
c. Name of Firm with which you are now associated: LANE CONSTRUCTION	
d. Years experience: With this Firm 29 Years With Other Firms 0 Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): The Lane Construction Corporation, Utilities Coordination Manager, 1998 – Present: Mr. Lindsey has almost three decades of heavy civil roadway construction experience on a wide assortment of projects including those with Design-Build and PPTA delivery methods. Mr. Lindsey has extensive experience as a Utilities Coordinator and a Utilities Coordination Manager. In these roles, he has been charged with the duties of coordinating with all respective Utility Companies who have been stakeholders on each previous project. Mr. Lindsey ensures only the strictest compliance of all State Corporation Commission (SCC) regulations and handles all utility permitting and relocations. While working on the I-495 Express Lanes D-B project, Mr. Lindsey has ensured all work tickets were completed, all utilities were always properly marked, resolved potential conflicts involving utility relocations before issues could arise, and handled all utility related punchlist items. His diligence and success on that project has led to his selection in the same capacity on the I-95 Express Lanes D-B project. Mr. Lindsey has also been assigned as the Utilities Coordinator for the Route 50 Traffic Calming D-B (Gilbert’s Corner) project, the Linton Hall Road and Sudley Manor Drive PPTA project and the Town of Purcellville Southern Collector Road project.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:	
f. Active Registration: Year First Registered/ Discipline/VA Registration #:	
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)	
Project: B VDOT I-495 Express Lanes, Fairfax County, VA	
Name of Firm: Lane Construction	Project Role: Utilities Coordinator
Beginning Date: 2008	End Date: 2012
<u>Specific Responsibilities:</u> Mr. Lindsey served as the Utilities Coordinator for the \$1.5 billion I-495 Express Lanes project, one of the largest transportation projects in the Northern Virginia area. This project scope included two new lanes constructed in each direction on a 14-mile stretch of I-495 from the Springfield Interchange to just north of the Dulles Toll Road. 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). There are three new access points to the Beltway at Rte. 29/Lee Highway, Westpark Bridge, and Jones Branch Drive. Upgrades to 12 key interchanges promote driver safety. LANE also built more than 80,000 LF of sound walls to double the existing protection for local neighborhoods. The project encompassed the replacement of more than \$260 million of aging infrastructure, including more than 50 bridges and overpasses. As the Utilities Coordinator, Mr. Lindsey was responsible for oversight of all utility activities, including permitting, utility relocation, marking, punchlist items, work tickets, and resolution of potential utility conflicts. Project relevancy to Walney Road includes bridge/structure replacement, roadway widening, drainage and grading, and all associated utility coordination management functions.	

Project: B VDOT I-95 Express Lanes, Fairfax County to Stafford County, VA	
Name of Firm: Lane Construction	Project Role: Utilities Coordinator
Beginning Date: 2012	End Date: On-going (Available 12/2013)
Specific Responsibilities: As the Utilities Coordinator, Mr. Lindsey is responsible for all aspects of utility coordination for this project, including but not limited to the management of subordinate personnel, permitting, relocations, marking, resolution of potential conflicts, coordination with Utility Companies, and work tickets. The scope of work on this \$691 million project includes an extensive ITS and Signing system, sound walls, asphalt mill and overlay, shoulder reconstruction, structural bridge work; and a 8.3 mile roadway extension that will consists of major clearing, earthwork, and bridge flyovers. The I-95 Express project will create approximately 29 miles of Express Lanes on I-95 from Alexandria, VA on the northern terminus to Stafford, VA at the southern terminus. A seamless, direct line to the I-495 Capital Beltway Express Lanes will be created at the completion of this project. This project will add capacity to the existing HOV Lanes from the Prince William Parkway to the vicinity of Edsall Road; improve the existing two HOV lanes for six miles from Route 234 to the Prince William Parkway. A nine-mile reversible two-lane extension of the existing HOV lanes from Dumfries to Garrisonville Road in Stafford County will help to alleviate the worst traffic bottleneck in the region. Project relevancy to Walney Road includes asphalt paving and milling, earthwork, structural bridge work and all associated utility coordination management functions.	
Project: B PWCDOT Sudley Manor Drive and Linton Hall Road PPTA, Prince William County, VA	
Name of Firm: Lane Construction	Project Role: Utilities Coordinator
Beginning Date: 2005	End Date: 2009
Specific Responsibilities: Lane performed mass earthwork, fine grade, subgrade, subbase stone, storm drain, water and sanitary sewer, and underdrain, for the relocation of two new secondary roads, Linton Hall Road and Sudley Manor Drive. The Sudley Manor Drive portion of the work consisted of two miles of new road construction tying two separate pieces of Sudley Manor Drive together to complete the cross county parkway style road. The Linton Hall Road portion of the contract consisted of 4,000 feet of new road construction that relocated the existing road, while providing a wider road. During work, the project scope was increased and included the completion of a single span steel girder bridge over existing Norfolk Southern Railroad tracks and four mechanically stabilized earth retaining walls. The project was started with approximately half of the land acquired to complete the work. Lane adjusted its schedule to conquer these hindrances and bring the project in on time. Mr. Lindsey was responsible for all aspects of utility coordination for this project, including permitting and relocations, marking, resolution of potential conflicts, coordination with Utility Companies, and completing work tickets. Project relevancy to Walney Road includes bridge work, roadway widening, earthwork, and all associated utility coordination management functions.	
Project: B VDOT Route 50 Traffic Calming D-B Project (at Gilberts Corner) Loudoun County, VA	
Name of Firm: Lane Construction	Project Role: Utilities Coordinator
Beginning Date: 2007	End Date: 2010
Specific Responsibilities: This project was implemented in order to calm the significant amount of traffic that travels the Route 50 corridor through a 1.2 mile section of historic and rural farm land in Loudoun County, VA. As the prime contractor on the project, LANE self-performed most of the construction aspects on the project which consisted of roadway widening, construction of a new connector road, construction of four (4) roundabouts, drainage, maintenance of traffic (MOT), and coordination of utility relocations. Mr. Lindsey was instrumental in all aspects of the utility functions including permitting, marking and relocation. Project relevancy to Walney Road includes roadway widening and all associated utility coordination management functions.	
Project: Town of Purcellville Southern Collector Road, Purcellville, VA	
Name of Firm: Lane Construction	Project Role: Utilities Coordinator
Beginning Date: 2012	End Date: 2013
Specific Responsibilities: On this project, LANE has been constructing a new roadway in the Town of Purcellville. The Southern Collector Road project (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. Mr. Lindsey's responsibilities included supervision of subordinate crew members, all utility permitting, coordination with Utility Companies, marking, punchlist items and work tickets. Project relevancy to Walney Road includes utility coordination, roadway widening and all associated utility coordination management functions.	

ATTACHMENT 3.4.1(A)

LEAD CONTRACTOR WORK HISTORY FORMS

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
NORTH AREA ROADS IMPROVEMENT Dulles, VA	JMT	MWAA (703) 417-8647 Contracting Officer: David Swennes (703) 417-8647 david.swennes@mwaa.com	06/2008	06/2008	\$30,000	\$30,000	\$30,000

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.

Relevant Scope of Work

- Bridge Construction
- Grading
- Excavation
- MOT
- Roadway Widening

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.

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

This project included these Walney Road participants:

- Robert Reed, PE

Evidence of Performance

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



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	
B SUDLEY MANOR DRIVE AND LINTON HALL ROAD PPTA Prince William County, VA	CH2M HILL	Prince William County Tom Blaser, Director of Transportation (703) 792-6825 Project Manager: Brian Stieritz (CH2M Hill) (720) 286-2332 Brian.Stieritz@ch2m.com	10/2006	09/2009* <i>*owner directed scope increase</i>	\$25,395	\$25,395	\$8,606

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.

- Relevant Scope of Work**
- Design-Build
 - Earthwork
 - Drainage
 - Grading
 - Excavation
 - Utilities
 - Bridge

PROJECT SCOPE
Construction of two new secondary roads.

PROJECT DESCRIPTION
The Sudley Manor Drive portion of the work consisted of two miles of new road construction tying two separate pieces of Sudley Manor Drive together to complete the cross county parkway style road. Design issues that needed special consideration included the completion of a single span steel girder bridge over the existing Norfolk Southern Railroad tracks, four mechanically stabilized earth retaining walls, several large fuel pipelines, the construction and access requirements of a new firehouse, several site developments, floodplain analysis and environmental considerations related to major stream crossings and traffic analysis and design. The project team also worked closely with VDOT to ensure a seamless transition between this project and the adjoining Linton Hall Road project.

The Linton Hall Road portion of the contract consisted of 4,000 feet of new road construction that relocated the existing road, while providing a wider road. Coordination of the roadway and drainage design with existing utilities and proposed sound barriers were crucial to keeping the project on time and on budget.

The project was started with approximately half of the land acquired to complete the work. Lane adjusted its schedule to conquer these hindrances and bring the project in on time. Part of the road was opened two weeks prior to the contracted completion date.

PROJECT BACKGROUND
Lane was subcontracted to perform mass earthwork, fine grade subgrade, subbase stone, storm drain, water and sanitary sewer, and underdrain, for the relocation of two new secondary roads: Linton Hall Road and Sudley Manor Drive.

PROJECT BENEFITS
The new roads offer the benefits of faster travel and congestion relief for motorists in the northern Virginia region.

- This project included these Walney Road participants:**
- Barry Bernstein
 - Wayne Lindsey

Evidence of Performance
Part of the road was opened two weeks prior to the contracted completion date.



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	
B I-495 EXPRESS LANES Fairfax County, VA	HNTB	VDOT 703.259.1959 Project Manager: John Lynch, PE 703.238.2970 Email: john.lynch@vdot.virginia.gov	December 2012	November 2012 (early delivery)	\$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.

<p>Relevant Scope of Work</p> <ul style="list-style-type: none"> • Design-Build • Transportation Mangement • Public Involvement • Structure and Bridges • QA and QC • Extensive MOT • Project Management 	<p><i>Although the project scope and size for the overall I-495 Express Lanes D-B is significantly greater in magnitude than the Walney Road Bridge Replacement and Road Widening, there are many relevant similarities between the specific project elements, conditions and size of the AREA 2 project area of the I-495 Express Lanes to the proposed Walney Road project; these are specifically addressed in the following Work History.</i></p> <p>PROJECT SCOPE Construction of four new general-purpose traffic lanes (two in each direction) outside of the existing lanes on the Capital Beltway. Work included the reconstruction of ramps, interchanges, frontage roads, overpasses and underpasses, bridges and other necessary crossings. AREA 2 of this project was managed by the proposed D-B Project Manager, Mr. Jan Sherman and included the reconstruction of two heavily traveled secondary urban roads (that cross I-495), the Oak Street Bridge and the Idylwood Road Bridge. Area 2 of the Express Lanes encompasses the I-495 interchange at I-66, new 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, WMATA, NVRPA 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. In addition to managing traffic during construction, the project team in Area 2 was also challenged with upgrading the stormwater system and flow within the interchange. This included diverting Holmes Run for construction of the interchange and ultimately re-routing Holmes Run through a system of box culverts and open channels within the interchange. Upgrades to the instream outfalls were also included as part of project.</p> <p>PROJECT DESCRIPTION LANE 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. AREA 2 included the demolition and reconstruction of the Idylwood Road Bridge, which itself had an existing ADT of more than 15,000 vehicles on Idylwood Road. Similar to Walney Road, this posed a significant risk to safe and efficient passage in and around the project. The new Idylwood Road bridge construction was scheduled to take <u>two years</u> to rebuild. After the nearby Oak Street bridge was rebuilt and opened for motorists, the original</p>	 <p align="center">The Old Idylwood Bridge</p>  <p align="center">The New Idylwood Bridge</p>  <p align="center">I-495 Express Lanes - Area 2</p>
<p>This project included these Walney Road participants:</p> <ul style="list-style-type: none"> • Jan Sherman • Wayne Lindsay • Bob Reed, PE • Randy Boice, PE • Athavale Lystad & Assoc. 	<p>construction plan entailed closing one lane of the Idylwood Road Bridge and installing temporary traffic signals to alternate one-way traffic across the bridge while the other side was rebuilt. Each side of the bridge would have taken a year to complete for a total duration of two years.</p> <p>A new plan was developed to rebuild it in about six months. While the Oak Street bridge was under construction, LANE and its JV partner developed an alternate construction plan for the \$20M Idylwood Road Bridge. After the new Oak Street bridge opened to motorists, the alternate plan would close Idylwood Road Bridge completely for six months to allow construction crews to rebuild the entire bridge simultaneously to shorten the construction duration.</p> <p>The new plan was presented to the public. The I-495 Express Lanes Project Team held a public information session on the two plans for the Idylwood Road Bridge and sent out 5,000 direct mail invitations with information on the two plans. The direct mail provided information for residents to submit comments if they couldn't make the information session. Ninety-one percent of the comments submitted by nearby residents were in support of the alternate six month plan. Project leaders worked with elected officials and community leaders to improve detours and signage for construction of the new bridge.</p> <p>PROJECT BENEFITS – AREA 2:</p> <ul style="list-style-type: none"> • Through innovative construction planning two alternatives were presented for construction of the Idylwood Road Bridge • An active public involvement effort enabled the local community and 'real time' stakeholders to decide whether to endure congested through traffic for a period of two years or to withstand 6 months of detouring for an earlier delivered bridge – they chose the latter expeditious method by a vote of 91% favorable responses • A forged partnership was solidified among all parties: VDOT, the design-builder and the public • The bridge was completed in six months 	<p>Evidence of Performance</p> <p>“We are pleased at the collaborative approach that occurred between the HOT Lanes Project Team and the local community throughout planning and constructing a new Idylwood Road Bridge across the Beltway. By coming up with an innovative palm that shortened the construction schedule by nearly a year and a half, the team minimized construction impacts to the surrounding community and restored travel benefits much more efficiently than originally planned.”</p> <p align="right">~The Honorable Linda Smyth, Providence District, Fairfax County Board of Supervisors</p>

ATTACHMENT 3.4.1(B)

LEAD DESIGNER WORK HISTORY FORMS

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)	
B U.S. 209 OVER RAYMONDSKILL CREEK DESIGN-BUILD Delaware Water Gap National Recreation Area Pike County, PA	G.A. & F.C. Wagman, Inc.	Federal Highway Administration - Eastern Federal Lands Highway Division (703) 404-6307 Project Manager: Mr. Kenneth Atkins, (703) 404-6307 kenneth.atkins@dot.gov	07/2011	10/2012	\$2,654	\$2,654	\$290 (Design Fee)

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.

<p>Relevant Scope of Work</p> <ul style="list-style-type: none"> • Surveys • Roadway/Structural Design • H/H Design • Traffic Engineering • Geotechnical Investigations • Environ. Permitting/ Coord. • MOT and Detour 	<p>PROJECT SCOPE Replacement of the superstructure and rehabilitation of the substructure for the 56 year old existing bridge carrying U.S. 209 over Raymondskill Creek, located within National Park Service Property at Milepost 18 in Dingman Township, Pike County, PA.</p> <p>PROJECT DESCRIPTION The Contractor (G.A. & F.C. Wagman, Inc.) and Johnson, Mirmiran, & Thompson, Inc. (Prime Designer - York, PA and Sparks, MD offices) teamed up for this Federal Highway Administration-Eastern Federal Lands Highway Division (FHWA-EFLHD) and National Park Service (NPS) design-build project that involved the replacement of the superstructure and rehabilitation of the substructure for the 56 year old existing bridge carrying U.S. 209 over Raymondskill Creek, located within National Park Service Property at Milepost 18 in Dingman Township, Pike County, PA. The existing structure was a single-span composite prestressed concrete adjacent box beam supported on full height unreinforced concrete abutments, which exhibited vertical settlement cracks. To address this issue and further stabilize and support the existing abutments, micropiles were drilled/installed through the center of gravity of the abutments down to bedrock to carry the vertical load, and concrete deadman tieback anchors connected to the front face of the abutments were placed approximately 7' below the top of roadway to carry the lateral loads. Other tasks included repairing joint cracks, spalls, and delaminated areas of abutment and wingwalls, placing riprap from the bottom of footings to the top of streambed and/or finished ground line along the front of the abutments and wingwalls for scour protection, replacing roadway signs / guiderail / terminal sections, and minor approach roadway work. A Phase I archaeological investigation was performed to catalogue all historical artifacts and determine if this was an archaeological site. The overall span length and width of the bridge remained at 52.0 and 42.5 feet (out-to-out bridge width), respectively.</p> <ul style="list-style-type: none"> • Surveys. Provided topographic surveys to accurately depict the existing bridge, approach roadway and stream channel, including the adequate survey up and downstream of the structure for the H&H study and scour analysis. Existing plans were utilized if available to minimize the extent of necessary field survey. • Roadway Design. Designed a new superstructure that utilized beam depths similar to the existing structure so as not to affect the existing grade across the bridge/approach roadways, and to minimize impact to the existing roadway beyond the ends of the new approach slabs. The existing superelevation of the roadway evaluation ensured that it met the current design criteria, including but not limited to: typical sections; horizontal/vertical alignments; plan/profile details, notes and call-outs; quantity takeoffs. Work was performed in accordance with AASHTO. • H/H Design & Stream Restoration. Rather than hard rock armoring of the stream banks and bed, JMT incorporated stream restoration measures to improve the hydraulic conditions through the bridge crossing and to reduce or eliminate flood flow angle of attack points directed at the bridge structure which are of particular importance at this site due to its location within the Delaware Water Gap National Recreation Area, where extensive hard armoring may be undesirable. Restored sections of Raymondskill Creek to reduce or eliminate stream bank erosion, streambed scour, tree fall, debris jams at or near the bridge structure, and by creating riparian wetlands in the restored floodplain zone, adding aesthetic value. • Structure Design. The challenge associated with this superstructure replacement was the investigation of the abutments and foundations to determine if strengthening through the use of tiebacks and/or underpinning was required. • Traffic Engineering. In collaboration with EFLHD, JMT evaluated the traffic volumes to determined that a detour was acceptable at this site which allowed the entire structure to be rehabilitated in one construction stage. • Geotechnical Investigations. Provided recommendations for earthwork stability, pavement sections, foundation and abutment stability and strengthening methods were closely coordinated with environmental permitting to ensure that the proper permits were obtained based on the need to enter the stream area for stabilization of the substructure. • Context Sensitive Solutions (CSS). Throughout the design of this project, JMT was particularly mindful that this project was within the NPS property and that the design needed to blend into the park surroundings. <p>PROJECT BACKGROUND The existing bridge was in a state of severe deterioration and NPS budget for the project was constrained. JMT developed innovative methods to rehabilitate the existing substructure and shorten the overall project construction duration. Traffic analysis was performed that demonstrated that a detour was acceptable and avoided the need to perform costly staged construction.</p> <p>PROJECT BENEFIT JMT used innovation and accelerated bridge construction techniques that shortened the overall construction duration while meeting the constrained budget of the National Park Service and at the same time provided a project that restored the life expectancy of the bridge to at least 30 years.</p>	 
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This project included these Walney Road participants:

- Bill Schaub, PE

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 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. Estimated Value (in Thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
B 3RD STREET (ROUTE 15/460) OVER BUFFALO CREEK DESIGN-BUILD Town of Farmville, VA	Corman Construction	VDOT (434) 947-6559 Project Manager: Terry Meadows, PE (434) 856-8317 terry.meadows@vdot.virginia.gov	06/2008	09/2008	\$2,900	\$2,900	\$423

PROJECT SCOPE

Replacement of a structurally deficient bridge over water with a new four-lane bridge, along with the reconstruction of the roadway approaches on both ends of the proposed structure located on Route 460/15 (Third Street)

PROJECT DESCRIPTION

VDOT selected the Corman Construction / Johnson, Mirmiran & Thompson Design-Build Team for the 3rd Street (Route 15/460) over Buffalo Creek bridge replacement Design-Build project in the Town of Farmville. **JMT, as prime designer performed all of the design for the bridge, approach roadways and hydraulics out of their Richmond, Virginia office for this project.** Maintenance of traffic (MOT) was a key requirement for the project and the challenge was to design and construct a bridge replacement, in the same location, while maintaining the daily traffic along 3rd Street (Route 15/460). Preliminary plans, provided as part of the procurement process, depicted only one lane of traffic remaining open during

Relevant Scope of Work

- Bridge Design
- Roadway Design
- Erosion and Sediment Controls
- Roadway Drainage Design
- Hydrology & Hydraulic Design
- Bridge Rating
- As-Built Plans
- QA/QC

construction with temporary signals at each end of the work zone for intermitting directional movements. JMT was able to provide a plan where one lane of traffic in each direction was provided without signals. Flagging was used only as needed for short periods of time while moving construction equipment. The MOT plan and final design provided accessibility from the fire station at the northeast corner of the bridge to 3rd Street (Route 15/460) without creating impacts of delays to fire and emergency vehicles. The JMT design reduced the number of constructions phases originally envisioned by VDOT and reduced project cost, reduced construction time and reduced the impacts to the public. The existing bridge was removed in stages and the proposed, 3-span, 270 foot long replacement bridge was constructed in stages while maintaining traffic on 3rd Street (Route 15/460). In addition to replacing the existing bridge, new approach roadways were designed to tie into the existing approach roadway, drainage system, and sidewalks and accommodate the proposed bridge typical section. Design services for the project included bridge, roadway, drainage, erosion and sediment control, hydrologic and hydraulic analysis, scour analysis, bridge load rating, shop drawing review, and consultation during construction. JMT also provided the construction inspection, Quality Assurance Management of the construction and provided VDOT with final construction record documents.

PROJECT BACKGROUND

Route 460 - Route15- 3rd Street condition inspections indicated the bridge was in need of replacement. This route in and out of Farmville carries heavy east-west traffic in the AM and PM. It is also a major connection to the in-town furniture stores and distributors that creates heavy traffic to downtown Farmville particularly on Saturdays. People using this route were concerned they were going to have two years of traffic congestion due to the construction. They had seen the back-ups in Farmville when a bridge was replaced on Rte. 15 north side of town. The Route 15 project was constructed providing only one lane of traffic and signals on both ends of the construction. This was a lesson learned by the D-B Team and thus provided designs and construction as noted in Project Scope. City Officials, residents and daily users were well pleased with our results.

PROJECT BENEFITS

- Independent QA/QC extremely valuable to both VDOT and D-B team by promoting objectivity throughout the entire process.
- Developed alternate phased MOT plan to maintain 2 way traffic through the work zone and to accommodate emergency responders within the project limits without disrupting traveling public.
- Provided the Town of Farmville with a new bridge on the major East-West route on the west end of town.



Evidence of Performance

One of the first D-B projects advertised by the Innovative Project Delivery Division.

This project included these Walney Road participants:

- Rodney Hayzlett, PE

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)	
B FAIRFAX COUNTY PARKWAY (ROUTE 7100) DESIGN BUILD Fairfax County, VA	Cherry Hill Construction, Inc.	Federal Highway Administration - Eastern Federal Lands Highway Division (703) 404-6217 Robert A. Morris, PE (703) 404-6302 robert.morris@dot.gov	Phases I/II December 2010 Phase IV July 2011	Phases I/II September 2010 (Actual) Phase IV July 2011 (Actual)	\$85,472	\$112,500 Increase due to addition of Phase IV	\$11,538

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.

<p>Relevant Scope of Work</p> <ul style="list-style-type: none"> • Bridge Design • Roadway Design • Stream Hydrology/Hydraulics • Erosion and Sediment Controls • Roadway Drainage Design • Detour and Phased MOT Plans • Environmental Permitting • Utility Relocations • ROW • Hydrology & Hydraulic Design • Bridge Rating • QA/QC 	<p>PROJECT SCOPE</p> <p>The project begins at the Rolling Road/Franconia-Springfield Parkway and proceeds southeastward on a new alignment for a distance of approximately 1.5 miles and ends just east of Fullerton Road tying into the existing FCP over I-95. It is recognized that the FCP project was much larger in Scope than the Walney Road project but contained many of the same design challenges that will be faced on the Walney Road project. These elements are shown in the Relevant Scope Box, and included extensive Hydrology/Hydraulics Analysis of the Accotink Creek to model the effects of three bridge crossings that successfully demonstrated to the review agencies that the crossing would not impact the water surface elevation.</p> <p>PROJECT DESCRIPTION</p> <p>JMT, as prime designer working out of their Richmond, Virginia office, was responsible for complete design of project including work in the following disciplines: highway, structural, water resources, traffic, multipurpose trail, lighting designs, surveys, utility designations, subsurface utility engineering, geotechnical engineering, environmental analysis and permitting. The 4-lane divided limited access highway on new location completes the missing connection of FCP to I-95. The project corridor begins at Rolling Road/Franconia-Springfield Parkway and proceeds southeastward on a new alignment and ends just east of Fullerton Road and includes new interchanges at Boudinot Drive and at the new Fort Belvoir Engineering Proving Ground (EPG) Access Road (Barta Road). The work involved in the parkway extension includes design of: highway and interchange ramps, bike paths, six new bridges and one bridge widening, retaining walls, noise walls, box culverts, sign structures, grading, drainage, storm water management, erosion and sediment control, landscaping, traffic analysis, traffic simulation, traffic signals, signing and striping, dynamic message signing, lighting and pavement marking as well as maintenance of traffic and a Type C Transportation Management Plan for a complicated construction detouring scheme. The project also included special coordination requirements with Fort Belvoir environmental staff due to the presence of contaminated soil/groundwater and the possibility of unexploded ordnance on the site as well as environmental permitting with the USACE for the Accotink Creek bridge construction. In addition, the project included widening of southbound I-95 to accommodate a new exit lane. The project had an extremely aggressive 750 calendar day schedule to design, permit and complete construction. During the bidding process, JMT prepared alternate technical concepts that improved the overall project design and reduced the cost. The JMT/Cherry Hill Construction team was selected based on the alternate technical concepts prepared by JMT and the overall best value that our team's proposal offered to EFLHD and VDOT. The most significant change identified was the "Fullerton Flip". The original design depicted Fullerton Road crossing over Fairfax County Parkway. JMT was able to revise the profiles for both the Fairfax County Parkway and Fullerton Road to take the Parkway over Fullerton Road. The benefits that raising the grade of FCP brought to the project were:</p> <ul style="list-style-type: none"> • Reduced the amount of soil and rock excavation by also raising Boudinot Drive. • Minimized the disturbance of contaminated material by placing embankment over the Central Motors site. • Reduced the surplus material on the project. • Resulted in a balanced earthwork project significantly reducing project cost. <p>JMT also identified areas on the project where the remaining surplus material could be disposed which eliminated the need to dispose material off site and eliminated the numerous truck trips on the local roads.</p> <p>PROJECT BACKGROUND</p> <p>Beginning in September 2011, the U.S. Army began relocating nearly 8,500 jobs to the National Geospatial-Intelligence Agency (NGA) Campus East at Fort Belvoir North Area in Virginia, as part of the Base Realignment and Closure (BRAC). These jobs brought a substantial increase in traffic on area roads and the Fairfax County Parkway (FCP) project was designed to address the increased demand on the areas roadway network.</p> <p>PROJECT BENEFITS</p> <ul style="list-style-type: none"> • Coordinated the mitigation and processing of design waivers and exceptions from previously approved CTB plans, allowing the project to remain within boundaries established by the MOA between project stakeholders (VDOT, EFLHD, US Army, and Fairfax County) and keeping the commitments of the ROD. • Designed significant profile revisions to minimize surplus material, thereby avoiding impacts to HAZMAT and UXO's, and reducing construction traffic on the local road network. • Conducted extensive coordination process to satisfy the varying and diverse needs of the major stakeholders. • Extensive Public Relations Campaign and Partnering Approach to Project was Key to Successful Implementation of a Year Long Detour of Existing Ramp • Rapidly accommodated multiple owner options into the plans while maintaining the design and construction schedules. 	<p>This project included these Walney Road participants:</p> <ul style="list-style-type: none"> • Bob Reed, PE • Rodney Hayzlett, PE • Bill Schaub, PE • Trip Phaup, PE • Gary Campbell, PE • Randy Boice, PE • Ian Frost, CEP, AICP, LEED
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WALNEY ROAD BRIDGE REPLACEMENT AND ROAD WIDENING

A DESIGN-BUILD PROJECT **B**



JUNE 20, 2013