

ORIGINAL

STATEMENT OF QUALIFICATIONS

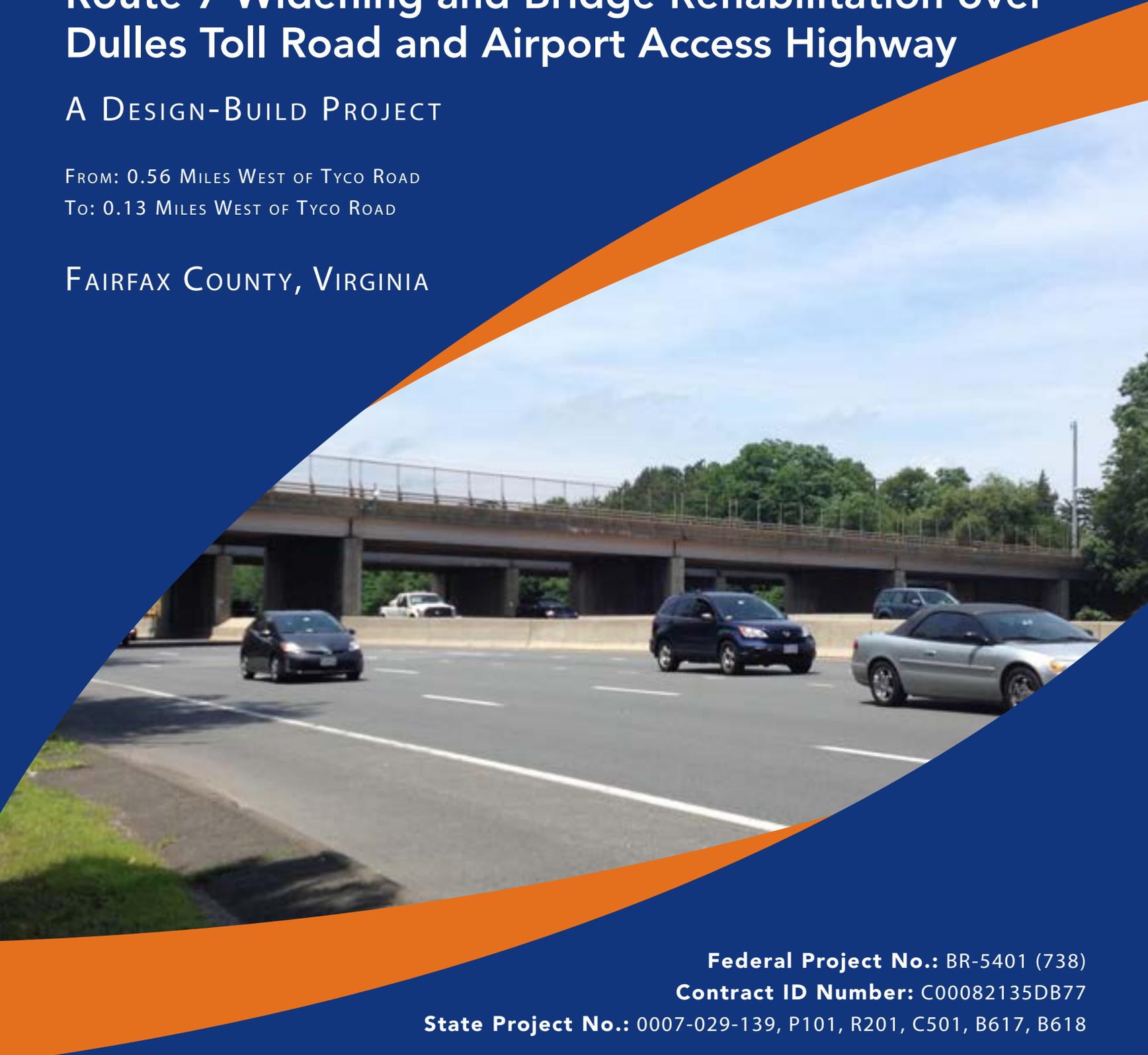
Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway

A DESIGN-BUILD PROJECT

FROM: 0.56 MILES WEST OF TYCO ROAD

TO: 0.13 MILES WEST OF TYCO ROAD

FAIRFAX COUNTY, VIRGINIA



Federal Project No.: BR-5401 (738)

Contract ID Number: C00082135DB77

State Project No.: 0007-029-139, P101, R201, C501, B617, B618

SUBMITTED TO:



SUBMITTED BY:



IN ASSOCIATION WITH:





June 19, 2014

Mr. Stephen D. Kindy, PE
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, Virginia 23219

RE: Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road & Airport Access Highway
Fairfax County, Virginia
Contract ID Number: C00082135DB77
3.2 Letter of Submittal

Dear Mr. Kindy:

Shirley Contracting Company, LLC (Shirley), as the Offeror, is pleased to submit to the Virginia Department of Transportation (VDOT) our response to your Request for Qualifications (RFQ) for the Project referenced above. With Dewberry as our Lead Designer, Shirley offers VDOT an experienced Team with a proven track record of delivering design-build projects to VDOT on time, under budget and with a partnering approach. To demonstrate our commitment and expertise, our Team, to date, has successfully completed over 25 design-build projects totaling more than \$2 billion.

3.2.1 The full legal name and address of the Offeror is as follows:

Shirley Contracting Company, LLC
8435 Backlick Road
Lorton, Virginia 22079

3.2.2 Our Point of Contact is:

Garry A. Palleschi
Vice President
8435 Backlick Road
Lorton, Virginia 22079
703-550-3579 (Phone) 703-550-9346 (Fax)
gpalleschi@shirleycontracting.com

3.2.3 Our Principal Officer is:

Michael E. Post
President/CEO/Manager
8435 Backlick Road
Lorton, Virginia 22079
703-550-8100 (Phone) 703-550-3558 (Fax)
mpost@shirleycontracting.com

3.2.4 Shirley Contracting Company, LLC, a limited liability company, will be the legal entity, will have financial responsibility for the Project and will have joint and several liability for the performance of the work. There are no liability limitations. Our bonding approach will be to provide performance and payment bonds for the total contract value and time period.

3.2.5 The Lead Contractor for the Project will be Shirley Contracting Company, LLC and the Lead Designer will be Dewberry Consultants LLC.

3.2.6 The full legal names and addresses of all affiliated and/or subsidiary companies of the Offeror are provided in Attachment 3.2.6.

3.2.7 Signed Certification Regarding Debarment Forms for Primary and Lower Tiered Covered Transactions are included as Attachments 3.2.7(a) and 3.2.7(b).

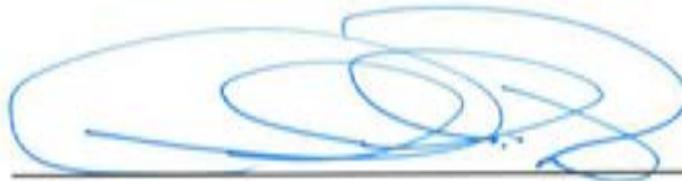
3.2.8 Shirley Contracting Company, LLC is currently Prequalified (active status) with VDOT. Our Vendor Number is S018. A screen shot print out from VDOT's on-line Prequalified List is included as Attachment 3.2.8.

3.2.9 Included as Attachment 3.2.9 is a letter from our surety that provides evidence that we are capable of obtaining a performance and payment bond for the current estimated contract value, and that these bonds will cover the Project and any warranty periods.

3.2.10 Virginia State Corporation Commission (SCC) and Virginia Department of Professional and Occupational Regulations (DPOR) registration information for all business entities on the Offeror's team are included in Attachment 3.2.10. Full size copies of registrations and licenses are provided in the Appendix to this Statement of Qualifications.

3.2.11 The following statement demonstrates our commitment to the Project's DBE goals:

I personally commit to VDOT that Shirley will achieve a DBE participation goal of 8% for the entire value of the contract:



Michael E. Post
President/CEO/Manager
Shirley Contracting Company, LLC

On behalf of our Team, we thank the VDOT for the opportunity to submit this SOQ and we look forward to partnering with VDOT and all involved to deliver another successful project.

Sincerely,



Michael E. Post
President/CEO/Manager
Shirley Contracting Company, LLC

Attachments:

- 3.2.6 - Affiliates and Subsidiaries
- 3.2.7(a) - Certification Regarding Debarment Forms (Primary)
- 3.2.7(b) - Certification Regarding Debarment Forms (Lower Tier)
- 3.2.8 - Evidence of Prequalification
- 3.2.9 - Surety Letter
- 3.2.10(a) - SCC Registrations
- 3.2.10(b) - DPOR Registrations

3.3 Offeror's Team Structure

INTRODUCTION

The complexities and potential risks of Route 7 Widening and Bridge Rehabilitation Project (the Project) demand a Team that has the proven experience to solve complex challenges, meet commitments, partner with stakeholders, and integrate all aspects of the work under a design-build method of delivery. To meet these requirements, Shirley has assembled a Team comprised of the following key members to ensure the Project's successful delivery:



Shirley Contracting Company, LLC (Shirley) as the Offeror and Lead Contractor for our Team, is one of Virginia's largest and most experienced design-builders. Shirley has provided high quality, comprehensive construction services to public transportation and highway authorities and private developers in the Washington, D.C. metropolitan area since 1974, and has earned an excellent reputation with our clients. Shirley has earned numerous awards for quality and safety and specializes in completing complicated projects on a fast-track basis.

 **Dewberry** Dewberry Consultants LLC (Dewberry), who will be the Lead Designer and who will provide quality assurance for our Team, has extensive VDOT design experience and the necessary resources to dedicate to the Project. Dewberry and their affiliated companies are a nationally recognized architecture/engineering organization(A/E) with principal offices in Fairfax, Virginia. Since 1956, the firm has offered comprehensive services in architecture, engineering, planning, surveying, and construction engineering and inspection. Dewberry currently employs over 2,000 professionals in 18 states. These resources have placed Dewberry among Engineering News-Record's Top 25 transportation engineering firms.



Quinn Consulting Services, a Virginia certified DBE firm, specializes in construction management, engineering and inspection support and will provide quality control services for our Team. As a Team member on ten Shirley design-build projects to date, Quinn has extensive experience providing quality control and quality assurance services on VDOT design-build projects.



DMY, Engineering Consultants Inc. offers practical and cost-effective geotechnical engineering solutions to clients in the Mid-Atlantic region including Virginia, DC, and Maryland. DMY provides services in geotechnical engineering, construction materials testing, and construction engineering inspection. As a professional and innovative firm with traditional work ethics, DMY has quickly established a reputation as the local leader in delivering right solutions through innovative approaches, quality services, and engineering excellence. In addition to their geotechnical services, DMY will be providing quality assurance testing and inspection services for the Shirley Team.



So-Deep Inc. will complete utility designations and test pits during the design phase. Providing accurate and reliable data on the existence and location of underground utilities, So-Deep has completed over 14,000 projects. They are committed to providing the most comprehensive Subsurface Utility Engineering services available, reducing utility conflicts and utility relocation costs.



Quantum Spatial, Inc., North America's largest full-service geospatial solutions company, will provide aerial mapping on the Project. Their comprehensive capabilities encompass the acquisition, analysis, integration, and management of geospatial data. Quantum offers a diverse portfolio of advanced imaging and remote sensing technologies, backed by powerful modeling, visualization, and GIS tools. They have successfully delivered billions of acres worth of geospatial data in projects for energy, transportation, environmental, and government clients.



Diversified Property Services Inc. specializes in right-of-way and land acquisition and has been a member of the Shirley team for more than 10 years. The firm handles all areas of negotiation, acquisition of rights, expert witness testimony, and relocations. As a VDOT prequalified right-of-way acquisition firm, Diversified offers services under a range of categories, including relocation assistance, feasibility studies, appraisal/appraisal review services, negotiation and acquisition, project management and title research. Diversified also renders tax assessment and appeal services as well as condemnation assistance.



Old Dominion Settlements Inc., dba Key Title, will provide title research and settlement services for properties acquired on the Project. Key Title has closed over 50,000 real estate transactions since 1973 and has accumulated a wealth of experience in all aspects of the real estate closing process.



DIW Group Inc., dba Specialized Engineering is responsible for quality control testing and inspection for the Shirley Team. DIW provides engineering consulting services for public and private sector clients in the areas of Geotechnical Engineering, Engineering Management and Inspection, and Construction Materials Testing & Inspection expertise.

3.3.1 KEY PERSONNEL

Our Team has the experience and personnel to effectively manage all design-build elements of the Project. Shirley is committing Team Members and Key Personnel to the Project that have been responsible for managing 14 VDOT design-build projects valued at over \$730 million in Virginia. Every one of our design-build projects have been completed on or ahead of schedule, at a fixed price, and without a single claim or outstanding issue. Our Team members and Key Personnel have worked together on these critical design-build projects for over 12 years and have developed a close working relationship. Having a thorough understanding of each other's abilities allows us to efficiently manage each discipline, reduce project risk, and deliver a successful project. Information for the following Key Personnel are included as Attachment

**SHIRLEY IS COMMITTING
TEAM MEMBERS AND
KEY PERSONNEL TO THE
PROJECT THAT HAVE BEEN
RESPONSIBLE FOR MANAGING
14 VDOT DESIGN-BUILD
PROJECTS VALUED AT OVER
\$730 MILLION**

3.3.1 - Key Personnel Resume Forms:

Design-Build Project Manager:	Jeff Austin, PE	Shirley Contracting Company, LLC
Quality Assurance Manager (QAM):	Siavosh E. Agahy, PE	Dewberry Consultants LLC
Design Manager:	Steve Kuntz, PE	Dewberry Consultants LLC
Construction Manager:	Tom O'Brien	Shirley Contracting Company, LLC

As the resumes indicate, each of the individuals we have selected for the Key Personnel roles have extensive experience in the design, construction, and administration of VDOT design-build projects, as well as significant overall design and construction expertise.

VALUE ADDED POSITIONS

Because design-build projects require a higher level of coordination and integration among the various disciplines, it is crucial that the Key Personnel of the design-build team have an extended history of working together and a clear understanding of how all the project disciplines interact. In addition to the overall design,

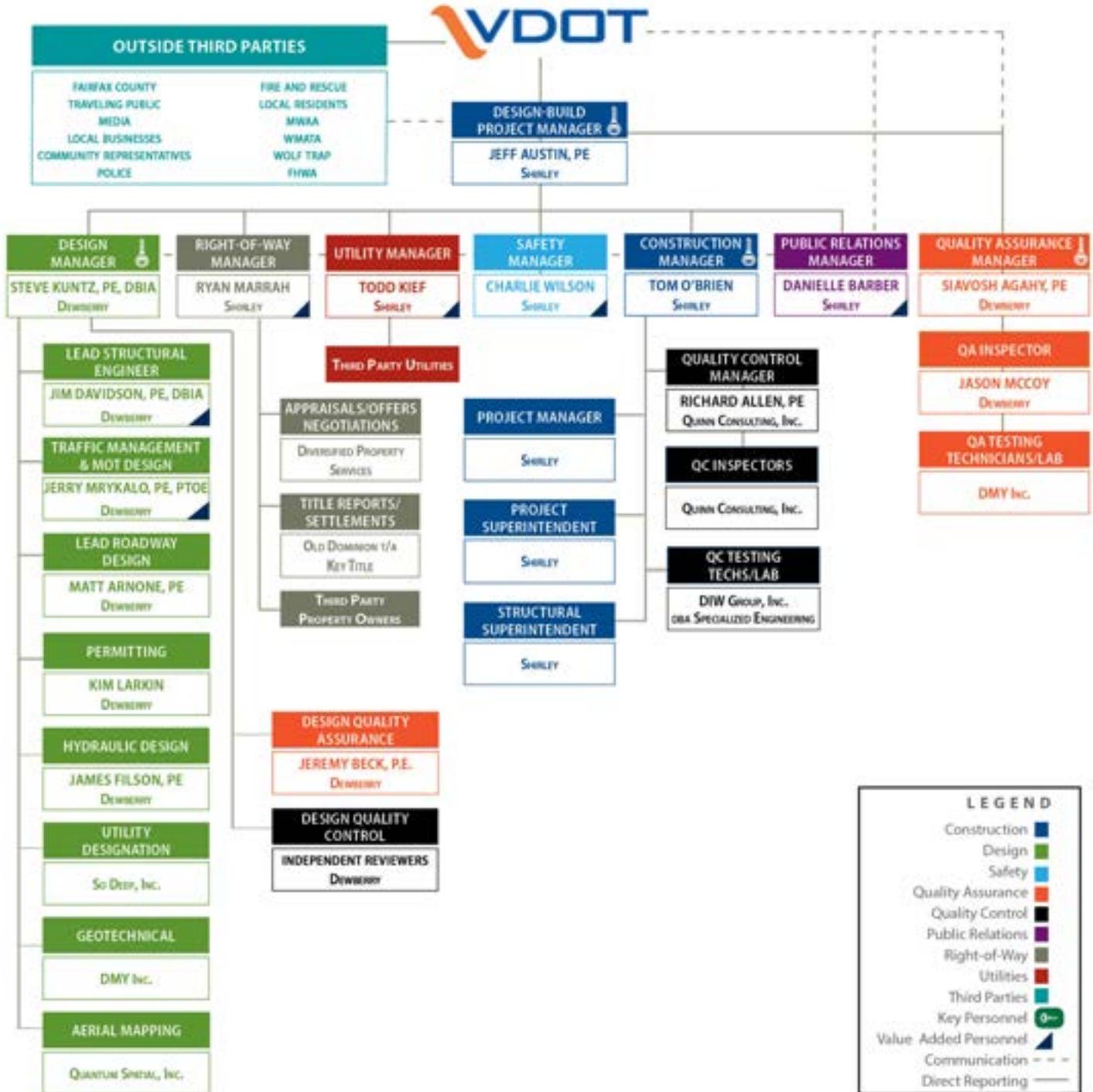
construction and quality assurance aspects of this critical design-build project, a successful team must also integrate the right-of-way, utility, bridge engineering, traffic management, and public relations disciplines into a single, cohesive project. To mitigate possible risks, the Shirley Team is *exceeding the SOQ requirements* by committing additional *value added* positions that will play a significant role in our ability to complete the work ahead of schedule, under budget, and in a safe, quality manner with minimal resource requirements from VDOT. The additional *value added* positions are:

Utility Manager:	Todd Kief	Shirley Contracting Company, LLC
Right-of-Way Manager:	Ryan Marrah	Shirley Contracting Company, LLC
Safety Manager:	Charlie Wilson	Shirley Contracting Company, LLC
Lead Structural Engineer:	Jim Davidson, PE	Dewberry Consultants LLC
Lead Maintenance of Traffic/ Temporary Traffic Control Engineer:	Jerry Mrykalo, PE, PTOE	Dewberry Consultants LLC
Public Relations Manager	Danielle Barber	Shirley Contracting Company, LLC



3.3.2 ORGANIZATIONAL CHART

The Organizational Chart below outlines the structure of the Shirley Team for the Project. The “chain of command” shown on the chart by solid lines represents the primary reporting relationships. Dashed lines represent communication relationships between major project disciplines and participants. The narrative following the chart describes the functional relationships and communication among the participants throughout the Project:





VDOT will maintain oversight responsibility for all aspects of the Project to ensure compliance with the Contract Documents and to take final acceptance when complete. We anticipate that VDOT will want to be the primary liaison between certain outside third-party stakeholders and the Project Team.



Key *Design-Build Project Manager (Jeff Austin, PE)* will have full and complete authority over all aspects of the Shirley Team's responsibilities. In addition to being the primary point of contact with VDOT, Jeff has ultimate responsibility for Contract management. He will coordinate and integrate the various project disciplines successfully, including design, construction, quality control, right-of-way, utilities, and safety. Jeff will also serve as the primary support to VDOT's efforts to communicate with certain third-party stakeholders, and at VDOT's discretion, can take the lead effort in communicating and coordinating with these third parties. He has served as the Design-Build Project Manager on 11 of Shirley's design-build projects with VDOT and brings over 20 years of experience to this role, delivering each of his design-build projects either ahead of or on schedule and on budget.



Key *Quality Assurance Manager (Sia Agahy, PE)* is completely independent from construction operations and the QC process. He has full responsibility for assuring that the Project complies with the Contract Documents, manages all aspects of the QA program, and directs the QA inspections by the QA inspector and independent QA testing technicians from DMY. Sia has the autonomy to report findings directly to VDOT in addition to the D-B PM. If work does not comply with the Contract documents, he has the authority to unilaterally halt or suspend the work and the responsibility to assure corrective action before the work is accepted and certified for payment. Sia is an experienced Construction Manager and Engineer with over 30 years of experience in diverse and complex construction projects. He has proven experience as the Quality Assurance/Quality Control Manager for major design-build projects in the I-95 corridor.



Key *Design Manager (Steve Kuntz, PE, DBIA)* has overall responsibility for management of the design process, including roadway, structural, hydraulic, and traffic elements. He will manage supplemental field surveys, environmental permitting processes, and subconsultant activities including aerial mapping, utility designations and test pits, and geotechnical engineering. Steve will also be responsible for oversight of the Design QA/QC program, ensuring the Project design integrates with the Right-of-Way, Utility, Construction, and Safety components of the Project. He will be in constant communication with the D-B PM to ensure design milestones are achieved and design contract requirements are incorporated in the construction plans. With 15 years of experience designing and managing complex and high-priority transportation projects, Steve provide assurances that design will be completed in an efficient manner and in compliance with standards and specifications.



Key *Construction Manager (Tom O'Brien)* will manage all aspects of construction, safety, and the construction quality control process. He will facilitate all constructability reviews for each aspect of the design, work closely with the Utility Manager to plan for necessary relocations, and coordinate with the Right-of-Way Manager to prioritize and schedule the acquisition process. Tom will be on site at all times, and will maintain the project schedule, coordinate with the QC Manager, Project Manager, and Superintendent to ensure all construction materials and activities are in accordance with the Contract documents. He will communicate with the QAM to arrange review of construction activities through the witness and hold points and ensure that all work is performed in a safe manner. Tom has over 37 years of experience overseeing day-to-day field construction activities.



▲ **Utility Manager (Todd Kief)** is a *value added* position and demonstrates our in-house ability to manage utility relocation. With over 25 years of construction management experience, Todd has managed the utility relocations for Shirley's design-build work for more than 12 years. Todd's experience and close relationships with multiple utility owners enables him to maintain a thorough understanding of the relocation process, risks, costs, schedule, and interaction with other Project disciplines. He plays a vital role in achieving completion of the Project on time and within budget. Reporting to the D-B PM, the Todd will actively coordinate existing and proposed utilities with the Design, ROW, Safety, and Construction Managers and disciplines. As the liaison with each individual utility company, he will ensure that utilities are integrated into the Project. Working with the design team, Todd's first priority is to avoid relocations. If not possible, the focus will be to minimize relocations to the greatest extent practical. When relocations are unavoidable, he will ensure that they are coordinated with construction and completed within schedule.



▲ **Right-of-Way Manager (Ryan Marrah)** is a *value added* position and will manage the process to acquire all right-of-way and easements needed to construct the Project and will report to the D-B PM. Reporting to Ryan will be the VDOT Prequalified sub-consultants performing appraisals, appraisal reviews, title reports, offers, negotiations, and settlements. Ryan will facilitate communication with affected landowners and maintain status of the process for VDOT. He will coordinate with the Design, Utility, and Construction disciplines and demonstrates our in house capabilities to integrate the ROW process. If the Project dictates changing the priority of acquisitions, having this function in-house allows us to react quickly and maintain the goals and schedule. It will provide a much greater level of coordination between the design, utility, permitting, and construction disciplines. Ryan will be involved throughout the design stage, providing feedback and recommendations regarding minimizing property impacts, researching proffers, keeping landowners informed, maintaining the ROW budget, and critical to this Project, coordinating with the MWA and WMATA.



▲ **Safety Manager (Charlie Wilson)** is a *value added* position reporting to the D-B PM. Charlie will review the plans and field activities to provide a safe environment for VDOT, the construction workers, the traveling public, local residents and businesses. He will train and inform those engaged on the Project of specific safety hazards and will enforce all aspects of applicable industry safety standards, Shirley's Corporate Safety Policy and the Project's Health, Safety and Welfare Plan. Charlie will monitor the field activities and crews and has full and complete authority to halt or suspend any activity not in compliance with the applicable safety standards. Using his extensive safety training and experience, Charlie will ensure that the Shirley Team will deliver a safe project for everyone involved.



▲ **Lead Structural Engineer (Jim Davidson, PE)** is a *value added* position and will manage improvements to the twin bridges carrying Route 7 over the Dulles Toll Road and the Airport Access Highway. With over 30 years of bridge design experience, Jim has designed or led the design of over 200 bridges utilizing VDOT standards and design criteria. He has designed widenings and superstructure replacements for bridges over the Dulles Toll Road and the Airport Access Highway, originally constructed at the same time and of the same construction (rolled beams, wall type piers) as the bridges on this Project. Jim will be overseeing the design of the bridge widening, replacement of bridge deck, replacement of existing abutments, and rehabilitation of existing piers. He will review structural designs, verify modifications to designs, review structural RFI's, shop drawings, and prepare load ratings for VDOT project acceptance.



▲ **Lead Maintenance of Traffic/Temporary Traffic Control Engineer (Jerry Mrykalo, PE, PTOE)** is a *value added* position and will manage the development of the Transportation Management Plan (TMP) and Temporary Traffic Control (TTC) plans during design, as well provide expertise and monitoring throughout construction. As a Professional Traffic Operations Engineer (PTOE) with extensive design experience on the Route 7 and Dulles Toll Road corridors, his supervision of the TMP/TTC plan analysis and development will focus on maximizing safety and mobility throughout construction. As a VDOT certified Work Zone Traffic Control training instructor for all levels (Advanced, Intermediate, and Basic) and as an ATSSA certified Traffic Control Design Specialist, Jerry will provide added value of safety training for the design and construction team tailored to the unique project challenges.



▲ **Public Relations Manager (Danielle Barber)** is a *value added* position and will work with VDOT to advise local governments, the traveling public, and other stakeholders of construction operations on the Project and their potential impacts. With the Project crossing over the Dulles Toll Road and the Airport Access Highway, as well as affecting the Tysons Corner region, Danielle will also facilitate with the Metropolitan Washington Airports Authority (MWAA).



Design QA (Jeremy Beck, PE) will report directly to the Design Manager to lead the Design QA efforts and will not be involved in the design production or QC efforts for the Project. Following completion of the Design QC reviews and prior to submission to the Department, Jeremy will complete a QA review of each design document.



Design QC - For each design discipline, the Design Manager will assign a qualified independent QC reviewer who is not involved in the production of the design document, to complete a detailed QC review and ensure technical accuracy and conformance with the contract requirements.



Denotes Key Personnel



Denotes Value Added Personnel

3.4 Experience of Offeror’s Team

INTRODUCTION

Shirley and Dewberry have the experience to effectively manage all design-build elements of the Project. Our Team has been responsible for managing over \$730 million of design-build infrastructure projects in Virginia over the past 12 years. We have an extensive history working together and have developed a complete team and comprehensive approach that reduces project risk, minimizes owner resources, and efficiently manages each discipline.

Below is an overview of design-build projects with similar scope and complexity to this Project that Shirley and Dewberry have or are working on together. Work History Forms are included as Attachments 3.4.1 (a) and (b).

Project	Design-Build	Bridge Construction	Extensive MOT	Utility Relocation	Multi-Agency Coordination	Public Involvement	Pedestrian Accommodations	Permitting	High Traffic Volumes	Challenging Schedule	ROW	MWAA Coordination
Dulles Greenway Capital Improvements	✓	✓	✓		✓			✓	✓	✓		✓
I-66 Widening	✓	✓	✓	✓	✓	✓		✓	✓	✓		
Route 28 Corridor Improvements	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Battlefield Parkway	✓	✓		✓	✓	✓	✓	✓		✓	✓	
Pacific Blvd	✓	✓		✓	✓	✓	✓	✓		✓	✓	
Pacific Blvd Extension	✓			✓	✓	✓	✓	✓		✓	✓	
Waxpool Road/LCP	✓		✓	✓					✓	✓		
Route 50 Widening	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Route 27/244	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Route 29 Over Little Rock Run	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sycolin Road	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
I-64/Exit 91	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Gloucester Parkway	✓	✓		✓		✓	✓	✓		✓	✓	
Route 7 Truck Climbing Lane	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Spotsylvania County PPTA	✓		✓	✓	✓	✓	✓	✓	✓		✓	
University Boulevard PPTA	✓	✓	✓	✓	✓		✓	✓	✓		✓	
Fairfax County Parkway Phase III	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Fort Lee Roundabout	✓		✓	✓	✓	✓		✓			✓	
Loudoun Water Access Road	✓	✓		✓	✓			✓			✓	
Route 1/Telegraph Road	✓		✓	✓	✓	✓		✓				

3.5 Project Risks

INTRODUCTION

The scope of the Project has numerous challenges that could create risk that affects schedule, cost and stakeholder impacts. To mitigate risks, VDOT is relying on an Offeror's experience, expertise, and design-build approach to identify these risks in a timely manner and explore solutions that are in the Project's best interest. As evidenced by our long-term history of successfully completing design-build projects for VDOT, the Shirley Team is the best team to partner with VDOT and stakeholders to deliver solutions with the least impact to the public. Upon review of the RFQ, we have identified the following three risks, which we feel are most critical to the Project's success:

CRITICAL RISK #1 – PROJECT SCHEDULE

Why the Risk is Critical

VDOT anticipates an Award Date of December 3, 2014 and a Final Completion date of June 1, 2017. Allowing 45 days for Notice to Proceed (NTP) results in a project duration of just over 28 months. This includes the final punchlist, inspections and acceptance process. Reviewing the complexities of the project scope available at this stage of the procurement, this timeframe appears to be extremely challenging and of particular concern. Several of these scope issues include:

- Engineering and Plan preparation, review and approval process by multiple agencies (ie: VDOT, MWAA, and potentially WMATA);
- Investigations and design issues associated with reuse of existing bridge substructure elements;
- Multiple Permits (ie: MWAA Work Permit, JPA, VSMP);
- Obtaining Project Rights of Way;
- Relocation and/or support of existing utilities;
- Multi-phased construction of the proposed bridge, including demolition of the existing and the potential for a temporary bridge;
- Maintenance of traffic related to the phased bridge construction, heavy traffic volumes, and expected work-zone restrictions;
- Constructability challenges associated with grade separation of pedestrian movements at ramps.

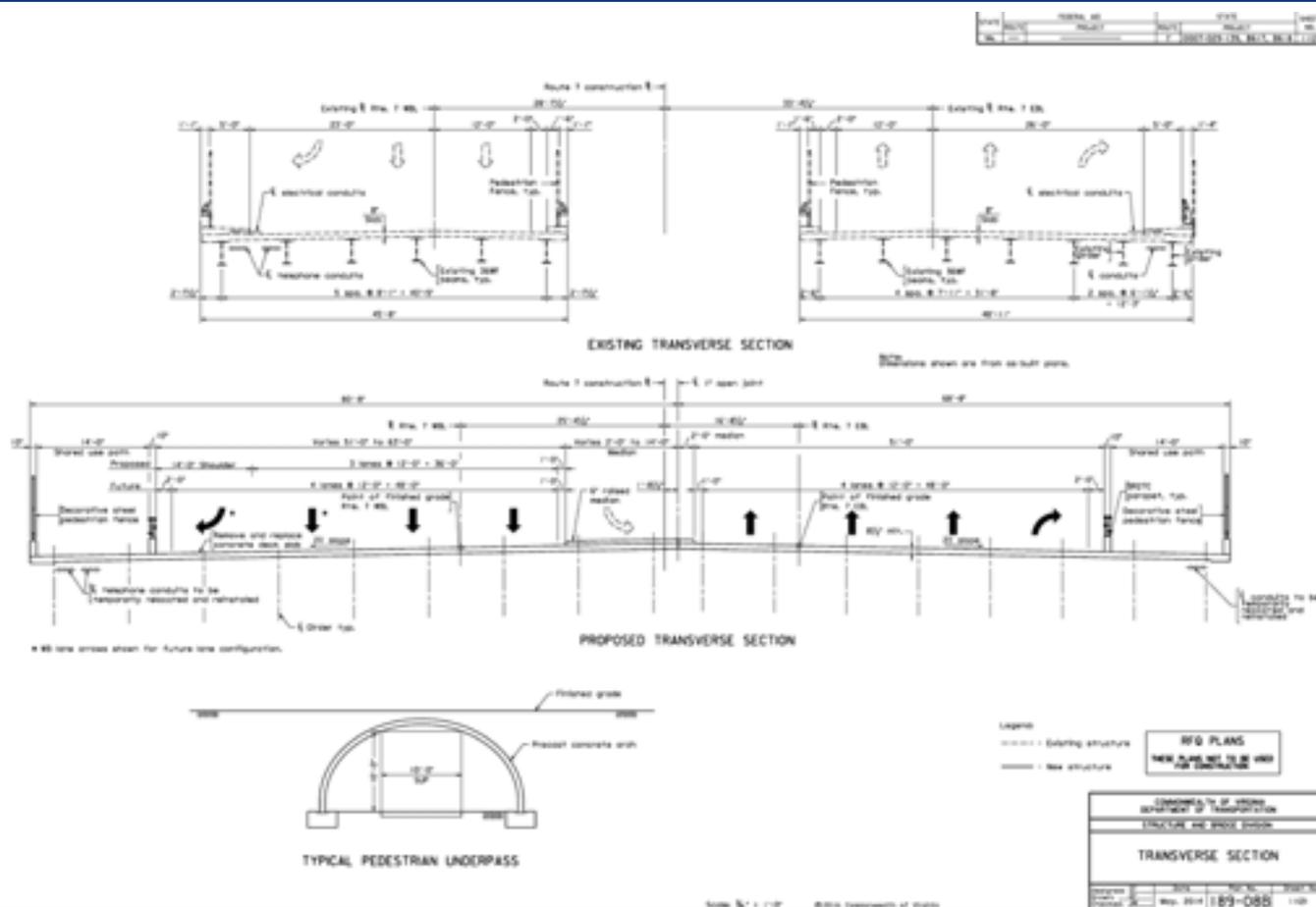
Impact on the Project

The complexities and linear nature of the scope of work outlined above create the risk that any one, or combination of several, could result in delays causing the Project to not be complete by the Final Completion date. The risk that an Offeror creates solutions that have a greater impact to the public than would otherwise be necessary with a less challenging schedule are also increased. All of these may result in a Project that does not meet the intended goals and commitments made to the public.

Mitigation Strategies

The Shirley Team's first step towards mitigating the potential risk of the Project completing late will be to explore creative design and construction solutions beginning in the RFP stage. This starts with fully analyzing the current traffic volumes at the Project site and exploring phased maintenance of traffic sequencing. We will review geotechnical and structural issues with our Team in order to properly evaluate the risks and additional measures necessary to plan the work properly. We will review impacts to the proposed right-of-way and explore options for utility impacts. Finally, we will plan the design and engineering with an eye towards minimizing the overall construction schedule.

As we identify these issues and solutions are developed, we will create a detailed project schedule that properly sequences the work and accounts for all critical activities. With input from all disciplines, this schedule will be a critical step towards determining the feasibility of the proposed schedule and completion dates. This will be a repetitive process until the schedule is as efficient as possible and meets the Project requirements. Once the Project is underway, we will closely monitor and maintain the schedule on a continual basis to identify any slippages or other concerns that could affect completion.



Transverse Bridge Section comparison highlighting need for phased construction sequence and temporary bridge construction in order to maintain all travel lanes and pedestrian movements.

An example of the Shirley Team successfully implementing this mitigation strategy occurred on the Route 50 Widening Project, currently underway for VDOT. We recognized during the procurement that, with the time required to relocate utilities under the RFP's proposed phasing, the Project would likely complete approximately one year beyond the Final Completion date. By thoroughly exploring options among our Team's disciplines, we created an entirely new phasing plan and schedule that met the required completion milestones and minimized impacts to the public. As evidence of our successful plan, the Route 50 Widening Project is currently on schedule.

Our Team also understands from our past design-build experience that other measures will be essential to achieving the Project schedule dates. These include establishing a regular and close coordination process as early as possible with stakeholders, committing "Value-Added" personnel to our Team in order to focus specifically on Project risks, advancing the Plan process to allow early starts of subsequent activities, monitoring and re-sequencing the Project schedule, and supplementing resources if needed.

Role of VDOT and Other Agencies

Our Team commits to partnering with VDOT and the other stakeholders to make the Project a success. If during the RFP phase of the procurement, we cannot develop solutions that mitigate the schedule risk, we will discuss with VDOT to determine if other options are available. VDOT's role will be to determine the acceptability of proposed solutions and the resulting schedule, obtain commitments from the parties to their responsibility timeframes, work with us to "fast-track" critical activities, and work with our Team to coordinate and communicate effectively with the public.

CRITICAL RISK #2 – IMPACTS TO TRAVELING PUBLIC

Why the Risk is Critical

Accommodating traffic is a challenge on virtually every project in the Northern Virginia region. However, this becomes a critical risk on this Project as it includes extensive construction activities on two of the heaviest traveled corridors in the area. The necessity of maintaining high levels of both safety and mobility throughout both corridors, while prosecuting the work in a timely manner, is a critical risk for the following reasons:

- As Route 7 and the Dulles Toll Road/Airport Access Highway combined carry over 100,000 vehicles per day, impacts to traffic, especially in peak hours, has the potential to create significant additional traffic delays if not thoroughly managed;
- As the Project includes roadways with high travel speeds, failure to design and install proper temporary traffic controls could result in high-severity incidents;
- With the upcoming opening of the Spring Hill WMATA Metro Station, there will be additional pedestrian volumes introduced through the construction site, which if not adequately accommodated could result in a dangerous situation for both pedestrians and motorists;
- As the Airport Access Highway is the gateway to the Washington Metropolitan area from Dulles Airport, traffic delays to and from that facility have the ability to leave a lasting negative impression on visitors; and
- Failure of the MOT/TTC plan may negatively affect the Project schedule.

Our Team recognizes that all maintenance of traffic activities must be thoroughly analyzed, carefully implemented, constantly monitored in order to maintain safety and mobility for all stakeholders. Our previous experience on a wide range of large-scale design-build projects in urban areas and on high-speed roadways provides us with the experience needed to successfully recognize these risks and mitigate them before they become a hazard.

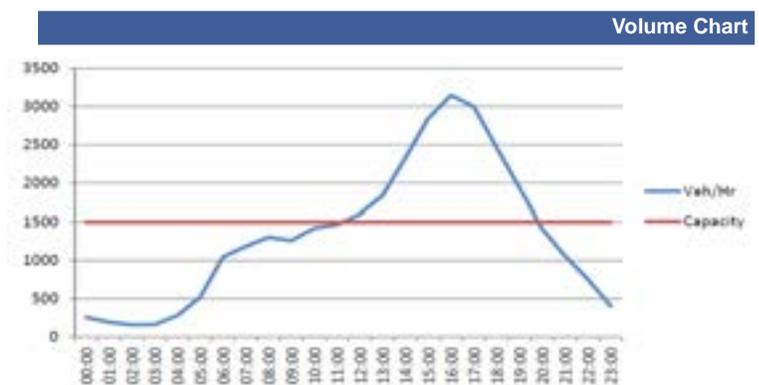
Impact on the Project

The impact of not adequately anticipating and addressing the construction impacts to the traveling public could include:

- Loss of public support;
- Breakdown in safety for the traveling public and construction personnel;
- Traffic delays that lead to a reduction in lane closure hours;
- Delays to the project schedule; and
- Loss of toll revenue.

Mitigation Strategies

The Shirley Team's first mitigation strategy is to commit the *value added* position of "Maintenance of Traffic/Temporary Traffic Control Engineer" (Jerry Mrykalo, PE, PTOE). Jerry will be involved in the Project from the outset of design through completion of construction. He will develop a thorough Transportation Management Plan (TMP) focused on maximizing safety and mobility throughout construction. During construction, he will remain involved to ensure the proper implementation of TMP and temporary traffic control plans through each stage of construction.



Current 24 hour volumes for each roadway will be analyzed to verify temporary lane closures are limited to hours of lowest volumes. The above graphic shows this analysis process successfully utilized on a recent project to maximize driver mobility and worker safety.

Second, our Team will develop site-specific temporary lane closure hours, which are based on updated 24-hour traffic data counts and collections. These updated traffic counts, in coordination with VDOT Traffic Engineering and project management staff, will be used to identify current traffic patterns to ensure that temporary lane closures are restricted to the time periods where traffic volumes are the lowest at the project site, instead of just using the district-wide standard lane closure hours.

Third, our Team will minimize impacts to the traveling public by developing a comprehensive temporary traffic control (TTC) plan. This plan will be coordinated with the required utility relocations as well as the necessary bridge reconstruction sequence, including any special considerations, which may arise based on completion of the bridge load ratings. Our TTC plans will include the use of site-specific enhanced safety and mobility strategies to improve operations and safety during construction, including:

- Temporary raised pavement markers to increase visibility of temporary markings;
- Design temporary geometry to meet the existing posted speed limits during all stages of construction in order to maximize mobility and avoid sudden slows in traffic;
- Identify acceptable construction entrance and temporary barrier locations to ensure intersection sight distances are preserved;
- Utilize wider than minimum temporary lane markings, oversize curve warning signs, and/or transverse rumble strips for enhanced delineation of lane shifts;
- Identify areas where storage of materials or equipment is restricted to maintain adequate sight-lines and temporary barrier deflection zones adjacent to the travel lanes; and
- Utilize our Team’s in-house VDOT Work Zone Traffic Control training program to ensure design and construction staff is fully aware of best practices in work zone design and implementation.



Pavement Markers

We will utilize site-specific enhanced devices that exceed VDOT requirements in order to maximize safety, such as temporary raised pavement markers, that greatly improve marking visibility, especially at night at during wet conditions.

Finally, our Team plans to open portions of the new pedestrian and shared-use path facilities in advance of the final completion date to maximize public safety, and to maintain pedestrian access to the new Spring Hill Metro Station.

Role of VDOT and Other Agencies

During development of the plans, VDOT will be involved from a review and approval standpoint. We will discuss the analysis of traffic data and patterns as well as potential interim improvements and phased sequencing with VDOT to determine if the proposed configurations are acceptable and if additional analysis is required. During construction, VDOT will be involved with the public outreach effort.

CRITICAL RISK #3 – EXISTING BRIDGE DESIGN CONSIDERATIONS

Why the Risk is Critical

The anticipated scope of work includes incorporating portions of the existing bridge structure into the final design. As the reconstruction of the bridge structure is a critical and fundamental element of the overall project, this requirement creates risk because of the following concerns:

- Existing bridges were constructed in the 1960s utilizing different design criteria, construction methodologies, and materials;



I-66/Route 29 Interchange - Gainesville, VA

Shirley and Dewberry completed similar rehabilitation and widening of the I-66 Bridges over Route 29. In that location, some of the existing columns needed to be replaced due to degradation of the pier reinforcement.

- Original pier and/or footing designs may not be compatible/adequate with current design criteria;
- Potential reinforcement deterioration at the column/footing interface;
- Possible inability to meet load rating requirements during temporary traffic configurations;
- Changes in pier loading based on elimination of joints and changing beam spacing; and
- The ability to identify, and the timing of discovery, of these issues.

Impact on the Project

Any of the above concerns has the potential to delay the schedule, impact the public and temporary traffic operations, and increase project costs. For example, replacement or modification of the existing pier footings to achieve required bearing capacities could require excavation and expansion of the footings. Additional excavation and construction could require long-term impacts to traffic to shift lanes away from the work area since the piers are located so close to the existing travel lanes. This could further impact the schedule due to the added scope of work. Another potential risk is the additional time required to repair or replace the piers (or elements thereof) in the event we identify considerable deterioration of the reinforcement at the pier column/footing interface.



I-66/Route 29 Interchange - Gainesville, VA

Foundation designs for the bridge pier widenings and abutments will be designed accounting for the proximity to existing travel lanes. Temporary traffic control plans will be developed to maintain existing travel lanes and minimize traffic impacts

Mitigation Strategies

Potential mitigation strategies include:

- Add a value added position of Lead Structural Engineer to focus specifically on this risk;
- Perform additional testing of the bearing stratum to determine whether an increase in the allowable bearing capacity of the supporting soil is appropriate, eliminating the need to increase the size of the existing pier footings;
- Installation of micropiles to increase the capacity of existing footing(s) to minimize the risk of additional long term temporary traffic impacts associated with increasing the size of the existing footings;
- Complete investigations of pier/footing interface to determine if reinforcement deterioration is present;
- Complete load ratings on the existing bridges to identify specific traffic patterns/loading conditions which should be avoided during construction; and
- Phase construction to avoid temporary impacts to the existing eastbound bridge. Construction of a temporary westbound bridge, utilizing a portion of the ultimate shared use path area, could minimize the need to implement temporary shifts on the existing eastbound bridge to maintain the required number of lanes.

Role of VDOT and Other Agencies

If we identify areas of deficiencies or unacceptable degradation, we recognize that many of the concerns identified above have the potential to affect both the scope and schedule of the Project. Consistent with our proven design-build track record, we will coordinate with VDOT project and structure/bridge staff to determine which approaches are recommended and/or required. Based on the results of the investigations, we would look to VDOT to provide direction on whether changes in the scope are appropriate, including if piers and/or footings need to be further rehabilitated or removed and replaced. Since MWAA will be involved with respect to impacts and modifications to the Dulles Toll Road and Airport Access Highway, we expect that VDOT will aid in coordination with that agency in the event additional work is added that would create further impacts to travel lanes on MWAA's facility.

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

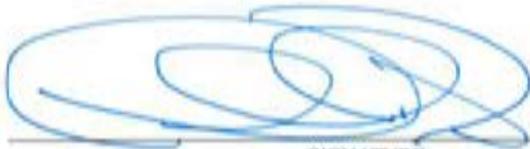
RFQ NO. C00082135DB77
PROJECT NO.: 0007-029-139, P101, R201, C501, B617, B618

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 05/13/2014
(Date)
2. Cover letter of RFQ Addendum No. 1 06/04/14
(Date)
3. Cover letter of _____
(Date)



SIGNATURE

Michael E. Post, President/CEO/Manager

June 19, 2014

DATE

ATTACHMENT 3.1.2

Project: 0007-029-139, P101, R201, C501, B617, B618

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	N/A
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	N/A
Letter of Submittal (on Offeror's letterhead)				
Authorized Representative's signature	NA	Section 3.2.1	yes	1
Offeror's point of contact information	NA	Section 3.2.2	yes	1
Principal officer information	NA	Section 3.2.3	yes	1
Offeror's Corporate Structure	NA	Section 3.2.4	yes	1
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	1
Affiliated/subsidiary companies	Attachment 3.2.6	Section 3.2.6	no	1
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	1
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	2
Evidence of obtaining bonding	NA	Section 3.2.9	no	2

ATTACHMENT 3.1.2

Project: 0007-029-139, P101, R201, C501, B617, B618

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
SCC and DPOR registration documentation (Appendix)	Attachment 3.2.10	Section 3.2.10	no	N/A
Full size copies of SCC Registration	NA	Section 3.2.10.1	no	N/A
Full size copies of DPOR Registration (Offices)	NA	Section 3.2.10.2	no	N/A
Full size copies of DPOR Registration (Key Personnel)	NA	Section 3.2.10.3	no	N/A
Full size copies of DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.10.4	no	N/A
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				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	4
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	N/A
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	N/A
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	N/A
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	N/A
Organizational chart	NA	Section 3.3.2	yes	6
Organizational chart narrative	NA	Section 3.3.2	yes	7-9

ATTACHMENT 3.1.2

Project: 0007-029-139, P101, R201, C501, B617, B618

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				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	N/A
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	N/A
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	11-15

ATTACHMENT 3.2.6

State Project No. 0007-029-139, P101, R201, C501, B617, B618

Affiliated and Subsidiary Companies of the Offeror

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

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

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
Affiliate	Atkinson Construction	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Atkinson Contractors, LP	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Shirley Design/Build, LLC	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	SCC Infrastructure	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Construction Group, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Enterprises	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Civil Construction, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Concrete Contractors, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Construction International, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Construction, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Design/Build, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Facility Services, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Foundations, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark Global Technologies, LLC	7500 Old Georgetown Road, Bethesda, MD 20814

ATTACHMENT 3.2.6

State Project No. 0007-029-139, P101, R201, C501, B617, B618

Affiliated and Subsidiary Companies of the Offeror

Affiliate	Clark Real Estate Advisors, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
Affiliate	Clark Strategic Operations Group, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Clark/Balfour Beatty NCE, A Joint Venture	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Edgemoor Real Estate Services, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Innovative Infrastructure, LLC	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Loudoun County Transportation Networks, LLC	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Metro Earthworks,	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Route 28 Corridor Improvements, LLC	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Shirley Pentagon Constructors,, LLC	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Shirley/Clark Loudoun Infrastructure, LLC	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Charlottesville Bypass Constructors, A Joint Venture	8435 Backlick Road, Lorton, Virginia 22079
Affiliate	Capital Rail Constructors, a JV	7500 Old Georgetown Road, Bethesda, MD 20814
Affiliate	Maryland Transit Connectors	7500 Old Georgetown Road, Bethesda, MD 20814

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

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 19, 2014

Date

Michael E. Post
President/CEO/Manager

Title

Shirley Contracting Company, LLC
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

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

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



Signature

May 27, 2014

Date

President

Title

Quinn Consulting Services, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

- 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.

[Handwritten Signature] *5-29-14* *President*
Signature Date Title

Specialized Engineering
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

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.

 5/19/2014
Signature Date

President
Title

Diversified Property Services, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

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.

	5/29/2014	President and CEO
Signature	Date	Title

DMY Engineering Consultants Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

- 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.

Robert Rankin 5-21-14 Settlement Officer
Signature Date Title

Old Dominion Settlements, Inc., T/A Key Title
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0007-029-139, P101, R201, C501, B617, B618

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.

Mark Sullivan 6-10-14 MGR, Proj Admin
Signature Date Title

S. Deep, Inc.
Name of Firm

TRANSPORT - E22
LSPPREQ

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PREQUALIFIED VENDORS SORTED BY VENDOR NAME
THIS LIST INCLUDES ALL PREQUALIFIED LEVELS
AS OF 05/23/2014
- S -

05/23/2014
2:02 PM
PAGE 390

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S1060
SHEPAUL ENTERPRISES, INC.
PREQ. EXP : 09/30/2014

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)

P. O. BOX 1638	020 - FENCE INSTALLATION
BECKLEY, WV 25802-1638	021 - GUARDRAIL INSTALLATION
PHONE : 304-877-6451	023 - REINFORCING STEEL PLACEMENT
FAX : 304-877-5789	

BUSINESS CONTACT: HAPUARACHY, SUMITH PETER
EMAIL: SH1912BECK@AOL.COM

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

DBE TYPE : DBE
DBE CONTACT: N/A

=====

S018
SHIRLEY CONTRACTING COMPANY, LLC
PREQ. EXP : 09/30/2014

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)

8435 BACKLICK RD.	002 - GRADING
LORTON, VA 22079-1403	003 - MAJOR STRUCTURES
PHONE : 703-550-8100	007 - MINOR STRUCTURES
FAX : 703-550-7897	045 - UNDERGROUND UTILITIES

BUSINESS CONTACT: CLYMORE, DANIEL EDWARD
EMAIL: DCCLYMORE@SHIRLEYCONTRACTING.COM

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

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

=====



One Tower Square
Hartford, CT 06183

June 13, 2014

Stephen D. Kindy, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

Re: Request for Qualifications - Contract ID Number: C00082135DB77 - A Design-Build Project
Route 7 Widening and Bridge Rehabilitation over Dulles Toll Road and Airport Access Highway
From: 0.56 Miles West of Tyco Road To: 0.13 Miles West of Tyco Road
Estimated Contract Value: \$29,700,000

Dear Mr. Clarke:

Travelers Casualty and Surety Company of America (A.M. Best Financial Strength Rating A++, Financial Size Category XIV) and their co-surety partners, have the privilege of providing surety bonds for Shirley Contracting Company, LLC. The available bonding capacity on individual projects is in excess of \$150,000,000 with an aggregate of \$5,000,000,000.

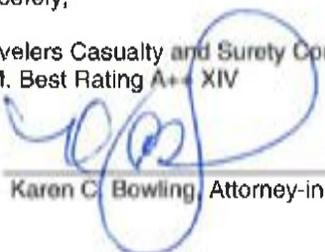
In our opinion, Shirley is one of the finest, best managed construction firms in the country. Shirley has handled each of its projects in a professional manner and completed all satisfactorily.

As surety for Shirley Contracting Company, LLC, Travelers Casualty and Surety Company of America, is capable of obtaining 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction, and said bonds will cover the project and any warranty periods as provided for in the Contract Documents on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this project, subject to acceptable review of the contract documents and bond forms, financing, availability of reinsurance, and Shirley Contracting Company, LLC continuing to satisfy other underwriting considerations at the time the bonds are requested.

This letter is not an assumption of liability and is issued only as a reference request from our client.

Sincerely,

Travelers Casualty and Surety Company of America
A.M. Best Rating A++ XIV

By: 
Karen C. Bowling, Attorney-in-Fact



POWER OF ATTORNEY

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

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

Attorney-In Fact No. 219657

Certificate No. 005780914

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

Diana L. Parker, and Karen C. Bowling

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

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 30th day of January, 2014

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

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



State of Connecticut
City of Hartford ss.

By: [Signature] Robert L. Raney, Senior Vice President

On this the 30th day of January, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



[Signature] Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of June, 2014.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

3.2.10 SCC & DPOR Licenses & Registrations

ATTACHMENT 3.2.10

State Project No. 0007-029-139, P101, C501, B617, B618

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 listed are active and in good standing.

SCC & DPOR INFORMATION FOR BUSINESSES (RFP 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
Shirley Contracting Company, LLC	S082038-3	Limited Liability Co.	Active	8435 Backlick Road Lorton, VA. 22079	Class A Contractor	2705071652	October 31, 2014
Dewberry Consultants LLC	S044733-6	Limited Liability Co.	Active	8401 Arlington Blvd. Fairfax, VA. 22031	Business Entity	0407003966	December 31, 2015
Quinn Consulting Services, Inc.	0492551-7	Corporation	Active	14160 Newbrook Drive Suite 220 Chantilly, VA. 20151	Business Entity	0407003733	December 31, 2015
DMY Engineering Consultants, Inc.	0768895-5	Corporation	Active	45662 Terminal Drive Suite 110 Dulles, VA. 20166	Business Entity	0407005631	December 31, 2015
DIW Group, Inc.	F128190-8	Corporation	Active	4845 International Blvd. #104 Frederick, MD. 21703	Business Entity	0407004748	December 31, 2014
Quantum Spatial, Inc.	F113594-8	Corporation	Active	45180 Business Court, Ste. 800 Sterling, VA 20166	Business Entity	0407005489	December 31, 2015
So-Deep, Inc.	0216275-8	Corporation	Active	8397 Euclid Avenue Manassas Park, VA. 22111	Business Entity	0407002900	December 31, 2015
Diversified Property Services of Virginia, Inc.	F130410-6	Corporation	Active	20 E. Timonium Road Suite 111 Timonium, MD 21093	Appraisal Business	4008001190	November 30, 2014
Old Dominion Settlements, Inc.	0243891-9	Corporation	Active	n/a			

ATTACHMENT 3.2.10

State Project No. 0007-029-139, P101, C501, B617, B618

SCC and DPOR Information

DPOR INFORMATION FOR INDIVIDUALS (RFQ Sections 3.2.10.3 and 3.2.10.4)						
Business Name	Individual's Name	Office Location Where Professional Services will be Provided (City/State)	Individual's DPOR Address	DPOR Type	DPOR Registration Number	DPOR Expiration Date
Dewberry Consultants LLC	Steven Kuntz	Fairfax, Va.	14571 Harmony Creek Ct. Haymarket, VA 20169	Professional Engineer	0402039440	June 30, 2014
Quinn Consulting Services, Inc.	Richard Allen	Chantilly, Va.	10128 Elliston Court Bristow, VA 20136	Professional Engineer	0402036809	November 30, 2015
Dewberry Consultants LLC	Siavosh Agahy	Fairfax, Va.	12489 Rose Path Circle Fairfax, VA 22033	Professional Engineer	0402020689	January 31, 2016



Commonwealth of Virginia
State Corporation Commission



05/29/14

10:14:44

LLCM3220

LLC DATA INQUIRY

LLC ID: 5082038 - 3 STATUS: 00 ACTIVE STATUS DATE: 08/01/02
LLC NAME: Shirley Contracting Company, LLC

DATE OF FILING: 08/01/2002 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF FILING: VA VIRGINIA MERGER INDICATOR:

CONVERSION/DOMESTICATION INDICATOR: Y

P R I N C I P A L O F F I C E A D D R E S S

STREET: 8435 BACKLICK RD

CITY: LORTON STATE: VA ZIP: 22079-0000

R E G I S T E R E D A G E N T I N F O R M A T I O N

R/A NAME: CT CORPORATION SYSTEM

STREET: 4701 COX ROAD, SUITE 285

RTN MAIL:

CITY: GLEN ALLEN STATE: VA ZIP: 23060-0000

R/A STATUS: 5 ENTITY AUTHORIZ EFF DATE: 10/04/13 LOC: 143 HENRICO COUNTY

YEAR FEES PENALTY INTEREST BALANCE

13 50.00

(Screen Id:LLC_Data_Inquiry)

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Cor



Commonwealth of Virginia
State Corporation Commission



05/29/14

10:15:44

LLCM3220

LLC DATA INQUIRY

LLC ID: 8044733 - 6 STATUS: 00 ACTIVE STATUS DATE: 10/14/09
LLC NAME: Dewberry Consultants LLC

DATE OF FILING: 01/01/2000 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF FILING: VA VIRGINIA MERGER INDICATOR:

CONVERSION/DOMESTICATION INDICATOR:

P R I N C I P A L O F F I C E A D D R E S S

STREET: 8401 ARLINGTON BLVD

CITY: FAIRFAX STATE: VA ZIP: 22031-0000

R E G I S T E R E D A G E N T I N F O R M A T I O N

R/A NAME: CORPORATION SERVICE COMPANY

STREET: Bank of America Center, 16th Floor
1111 East Main Street

RTN MAIL:

CITY: RICHMOND STATE: VA ZIP: 23219-0000

R/A STATUS: 5 ENTITY AUTHORIZ EFF DATE: 04/29/11 LOC: 216 RICHMOND CITY

YEAR FEES PENALTY INTEREST BALANCE

14 50.00

(Screen Id:LLC_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission



05/29/14

CISM0180

CORPORATE DATA INQUIRY

10:13:15

CORP ID: 0492551 - 7 STATUS: 00 ACTIVE STATUS DATE: 12/01/08
CORP NAME: QUINN CONSULTING SERVICES INCORPORATED

DATE OF CERTIFICATE: 10/24/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: JOHN H QUINN JR

STREET: 2208 S KNOLL ST

AR RTN MAIL:

CITY: ARLINGTON STATE : VA ZIP: 22202 2134
R/A STATUS: 4 ATTORNEY EFF. DATE: 10/24/97 LOC : 106
ACCEPTED AR#: 213 12 8953 DATE: 08/21/13 ARLINGTON COUNT
CURRENT AR#: 213 12 8953 DATE: 08/21/13 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
13 100.00 5,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

Virg

06/02/14

CISM0180

CORPORATE DATA INQUIRY

14:01:15

CORP ID: F128190 - 8 STATUS: 00 ACTIVE STATUS DATE: 01/30/97
 CORP NAME: DIW GROUP, INC.

DATE OF CERTIFICATE: 01/30/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 2500.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: C T CORPORATION SYSTEM

STREET: 4701 COX ROAD AR RTN MAIL:
 SUITE 285
 CITY: GLEN ALLEN STATE : VA ZIP: 23060
 R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 12/12/13 LOC : 143
 ACCEPTED AR#: 214 50 1162 DATE: 12/12/13 HENRICO COUNTY
 CURRENT AR#: 214 50 1162 DATE: 12/12/13 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEE	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
14	1,700.00					2,000,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission



CISM0180

CORPORATE DATA INQUIRY

05/29/14

10:51:34

CORP ID: 0768895 - 5 STATUS: 00 ACTIVE STATUS DATE: 09/06/13
 CORP NAME: DMY ENGINEERING CONSULTANTS INC.

DATE OF CERTIFICATE: 09/06/2013 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND: Y
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: WEIYI MA

STREET: 45662 TERMINAL DRIVE AR RTN MAIL:
 SUITE 110

CITY: DULLES STATE : VA ZIP: 20166

R/A STATUS: 1 DIRECTOR EFF. DATE: 09/06/13 LOC : 153

ACCEPTED AR#: 000 00 0000 DATE: LOUDOUN COUNTY

CURRENT AR#: 000 00 0000 DATE: STATUS: ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
00						10,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

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05/29/14

CISM0180

CORPORATE DATA INQUIRY

10:10:01

CORP ID: F113594 - 0 STATUS: 00 ACTIVE STATUS DATE: 03/14/01
CORP NAME: Quantum Spatial, Inc.

DATE OF CERTIFICATE: 02/09/2000 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: WI WISCONSIN STOCK INDICATOR: S STOCK
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 200.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: CT CORPORATION SYSTEM

STREET: 4701 COX ROAD, SUITE 285

AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 10/04/13 LOC : 143
ACCEPTED AR#: 214 03 2477 DATE: 02/03/14 HENRICO COUNTY
CURRENT AR#: 214 03 2477 DATE: 02/03/14 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
14 670.00 100,000

(Screen Id:/Corp_Data_Inquiry)



CISM0180

CORPORATE DATA INQUIRY

05/29/14

10:12:30

CORP ID: F130410 - 6 STATUS: 00 ACTIVE STATUS DATE: 07/01/09
 CORP NAME: DIVERSIFIED PROPERTY SERVICES OF VIRGINIA, INC. (UNREGISTERED IN VA BY: DIVERSIFIED PROPERTY SERVICES, INC.)
 DATE OF CERTIFICATE: 08/05/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: BRENDAN R HANTZES

STREET: 3771 VERMACCHIA DR AR RTN MAIL:

CITY: CHANTILLY STATE : VA ZIP: 20151
 R/A STATUS: 2 OFFICER EFF. DATE: 08/09/02 LOC : 129
 ACCEPTED AR#: 213 10 8592 DATE: 07/05/13 FAIRFAX COUNTY
 CURRENT AR#: 213 10 8592 DATE: 07/05/13 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
13	100.00					5,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

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05/29/14

CISM0180

CORPORATE DATA INQUIRY

10:12:53

CORP ID: 0243891 - 9 STATUS: 00 ACTIVE STATUS DATE: 05/22/97
CORP NAME: OLD DOMINION SETTLEMENTS, INC.

DATE OF CERTIFICATE: 07/08/1983 PERIOD OF DURATION: INDUSTRY CODE: 35
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
R/A NAME: RONALD H. LAZARUS

STREET: 7010 LITTLE RIVER TURNPIKE, SUITE 240 AR RTN MAIL:

CITY: ANNANDALE STATE : VA ZIP: 22003
R/A STATUS: 4 ATTORNEY EFF. DATE: 09/05/95 LOC : 129
ACCEPTED AR#: 213 08 5532 DATE: 05/16/13 FAIRFAX COUNTY
CURRENT AR#: 213 08 5532 DATE: 05/16/13 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
14 220.00 220.00 25,000

(Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

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CISM0180

CORPORATE DATA INQUIRY

06/03/14

09:16:49

CORP ID: 0216275 - 0 STATUS: 00 ACTIVE STATUS DATE: 11/15/85
CORP NAME: SO-DEEP, INC.

DATE OF CERTIFICATE: 04/07/1981 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
R/A NAME: THUY ANH PHAM

STREET: 8397 EUCLID AVENUE

AR RTN MAIL:

CITY: MANASSAS PARK STATE : VA ZIP: 20111
R/A STATUS: 2 OFFICER EFF. DATE: 04/09/97 LOC : 315
ACCEPTED AR#: 214 51 3361 DATE: 03/13/14 MANASSAS PARK
CURRENT AR#: 214 51 3361 DATE: 03/13/14 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
14 130.00 10,000

(Screen Id:/Corp_Data_Inquiry)

Details of license number 2705071652

Name:	SHIRLEY CONTRACTING COMPANY LLC	print
License Number:	2705071652	
License Description:		
Class Definitions (http://lis.virginia.gov/cgi-bin/legp604.exe?000+cod+54.1-1100)	Contractor Class A	
Business Type:	LLC	
Address:	8435 BACKLICK ROAD LORTON, VA 22079	
Specialties/Classifications:		
Classification Definitions (http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20)	Highway / Heavy (H/H)	
Specialty Definitions (http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30)		
Initial Certification Date:	2002-10-08	
Expiration Date:	2014-10-31	

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law exempts information about open cases from mandatory public disclosure** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

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

The information on this page was last updated on 2014-05-28.

Details of license number 0407003966

Name: DEWBERRY CONSULTANTS LLC print
 License Number: 0407003966
 License Description: Business Entity Registration
 Business Type: LLC
 Address: 8401 ARLINGTON BLVD
 FAIRFAX, VA 22031
 Initial Certification Date: 2000-03-14
 Expiration Date: 2015-12-31

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0401008756 (licenseDetail.cfm?lrn=0401008756)	BEIGHT, JAMES LADEN	Architect License	2015-08-31
0402026519 (licenseDetail.cfm?lrn=0402026519)	STONE, DONALD EDWARD JR	Professional Engineer License	2015-09-30
0403001932 (licenseDetail.cfm?lrn=0403001932)	ROBINSON, BRYANT L	Land Surveyor License	2015-01-31
0406001718 (licenseDetail.cfm?lrn=0406001718)	CENA, JANICE MARIE	Landscape Architect License	2015-01-31

Showing 1 to 4 of 4 entries

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The information on this page was last updated on 2014-05-28.

Details of license number 0407003733

Name: QUINN CONSULTING SERVICES INC
 License Number: 0407003733
 License Description: Business Entity Registration
 Address: 14160 NEWBROOK DR STE 220
 CHANTILLY, VA 20151
 Initial Certification Date: 1998-03-05
 Expiration Date: 2015-12-31

print

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402026380 (licenseDetail.cfm? lrn=0402026380)	VICINSKI, JOHN KEVIN	Professional Engineer License	2015-08-31

Showing 1 to 1 of 1 entries

No Open Complaints

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The information on this page was last updated on 2014-05-28.

Details of license number 0407004748

Name: DIW GROUP INC print
 Doing Business As: SPECIALIZED ENGINEERING
 License Number: 0407004748
 License Description: Business Entity Registration
 Business Type: CORP
 Address: 4845 INTERNATIONAL BLVD #104
 FREDERICK, MD 21703
 Initial Certification Date: 2005-11-01
 Expiration Date: 2015-12-31

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402020050 (licenseDetail.cfm? lrn=0402020050)	MITCHELL, CHARLES ROBERT	Professional Engineer License	2015-07-31

Showing 1 to 1 of 1 entries

No Open Complaints

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The information on this page was last updated on 2014-06-01.

Details of license number 0407005631

Name: DMY ENGINEERING CONSULTANTS INC print
 License Number: 0407005631
 License Description: Business Entity Registration
 Business Type: CORP
 Address: 45662 TERMINAL DRIVE SUITE 110
 DULLES, VA 20166
 Initial Certification Date: 2010-03-10
 Expiration Date: 2015-12-31

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402041123 (licenseDetail.cfm?lrn=0402041123)	MA, WEIYI	Professional Engineer License	2015-06-30

Showing 1 to 1 of 1 entries

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The information on this page was last updated on 2014-05-28.

Details of license number 0407005489

Name: QUANTUM SPATIAL INC
 License Number: 0407005489
 License Description: Business Entity Registration
 Business Type: CORP
 Address: 45180 BUSINESS CT SUITE 800
 STERLING, VA 20166
 Initial Certification Date: 2009-07-30
 Expiration Date: 2015-12-31

print

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0408000008 (licenseDetail.cfm? lrn=0408000008)	MCKEAGUE, WILLIAM J	Surveyor Photogrammetrist License	2015-02-28

Showing 1 to 1 of 1 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

No Open Complaints

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The information on this page was last updated on 2014-06-02.

Details of license number 0407002900

Name: SO-DEEP INC. print
 License Number: 0407002900
 License Description: Business Entity Registration
 Business Type: CORP
 Address: 126 COURTNEY WOODS LN
 STUARTS DRAFT, VA 24477
 Initial Certification Date: 1989-02-06
 Expiration Date: 2015-12-31

Filter:

Related Licenses

License Number	License Holder Name	License Type	License Expiry
0402022310 (licenseDetail.cfm?lrn=0402022310)	SKAHN, CARY ALAN	Professional Engineer License	2015-06-30
0403001937 (licenseDetail.cfm?lrn=0403001937)	SPENCER, MELVIN E	Land Surveyor License	2015-01-31

Showing 1 to 2 of 2 entries

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law exempts information about open cases from mandatory public disclosure** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

The information on this page was last updated on 2014-06-02.

Details of license number 4008001190

Name:	DIVERSIFIED PROPERTY SERVICES OF VIRGINIA INC	print
License Number:	4008001190	
License Description:	Appraisal Business Registration	
Business Type:	CORP	
Address:	20 E TIMONIUM ROAD SUITE 111 TIMONIUM, MD 21093	
Initial Certification Date:	2000-11-29	
Expiration Date:	2014-11-30	

No Open Complaints

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The information on this page was last updated on 2014-06-01.

Details of license number 0402039440

Name:	KUNTZ, STEVEN KLINE	print
License Number:	0402039440	
License Description:	Professional Engineer License	
Address:	HAYMARKET VA, 20169	
Initial Certification Date:	2004-06-14	
Expiration Date:	2014-06-30	

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law exempts information about open cases from mandatory public disclosure** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

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To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

The information on this page was last updated on 2014-06-02.

Details of license number 0402020689

Name:	AGAHY, SIAVOSH ESFAHANY	print
License Number:	0402020689	
License Description:	Professional Engineer License	
Address:	FAIRFAX VA, 22033	
Initial Certification Date:	1990-01-26	
Expiration Date:	2016-01-31	

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law exempts information about open cases from mandatory public disclosure** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

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To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

The information on this page was last updated on 2014-06-11.

Details of license number 0402036809

Name:	ALLEN, RICHARD MEINRAD
License Number:	0402036809
License Description:	Professional Engineer License
Address:	BRISTOW VA, 20136
Initial Certification Date:	2001-11-30
Expiration Date:	2015-11-30

[print](#)

No Open Complaints

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law exempts information about open cases from mandatory public disclosure** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

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

To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

The information on this page was last updated on 2014-06-02.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: Jeffrey Austin, P.E., Vice President	
b. Project Assignment: Design-Build Project Manager	
c. Name of Firm with which you are now associated: Shirley Contracting Company, LLC	
d. Years experience: With this Firm 14 Years With Other Firms 8 Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): Shirley Contracting Company, LLC, Shirley Design-Build, LLC Vice President, July 2011 to Present Responsible for providing oversight and monitoring of all stages of the design-build project life cycle; coordination with internal and external stakeholders; ensures project delivery in accordance with the project schedule; works closely with owners representatives, designers, construction staff and quality teams. <ul style="list-style-type: none">• Loudoun Water, Water Treatment Plant Site Access and Program Administration Facilities Design-Build Project, May 2013 to Present, Design-Build Project Manager.• I-64, Exit 91 Interchange Improvements D-B Project, October 2012 to Present, Design-Build Project Manager.• Route 27/244 Interchange Modifications Project, September 2011 to Present, Design-Build Project Manager.• Pacific Boulevard Extension Project, July 2011 to July 2013, Design-Build Project Manager.• Route 50 Widening Project, March 2011 to Present, Design-Build Project Manager.• University Boulevard PPTA Project, March 2011 to December 2013, Design-Build Project Manager.• Route 28 Corridor Improvements Project, September 2004 to Present, Design-Build Project Manager.• Waxpool Road/Loudoun County Parkway Intersection Improvements, April 2010 to March 2011, Design-Build Project Manager.• Pacific Boulevard Design-Build Project, July 2008 to August 2010, Design-Build Project Manager.• Battlefield Parkway Design-Build Project, July 2007 to November 2009, Design-Build Project Manager.• Dulles Greenway Capital Improvements Program, March 2005 to December 2007 – Design-Build Project Manager. Senior Project Manager, October 2000 to September 2004 Responsible for daily management of large construction projects, including project budgeting, project cost controls, project CPM scheduling, schedule updates, owner requisitions, public relations and subcontractor management. <ul style="list-style-type: none">• Springfield Interchange Phase IV, October 2000 to September 2004 –Responsible for managing construction. Alpha Corporation Various Positions, 1992 to October 2000 <ul style="list-style-type: none">• Prince George's County, MD, January 2000 to October 2000, Senior Engineer.• Route 7/Fairfax County Pkwy Interchange, August 1998 to December 1999, Sr. Inspector & Office Engineer.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Virginia Polytechnic Institute and State University/Blacksburg, VA/ Bachelor of Science/ 1992/Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1999 / PROFESSIONAL ENGINEER / 0402 033555	
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 project, 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 project; projects older than fifteen (15) years will not be considered for evaluation.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.) 1. University Boulevard PPTA Project - Prince William County, Virginia Shirley Design/Build, LLC, Design-Build Project Manager (March 2011 – December 2013) Jeff was responsible for management and direction of the discipline managers for the overall design-build process including design, permitting, utility relocations, right-of-way acquisition, quality assurance & quality control, and construction for this \$29 million design-build PPTA project for Prince William County. The Project elements include	

construction of University Boulevard between Sudley Manor Drive and Hornbaker Road as a six-lane divided urban roadway including two bridges. He also had oversight for the upgrading of 7,000 L.F. of Hornbaker Road to a four-lane divided roadway. As the main point of contact for the Shirley/Dewberry Team, Jeff was responsible for communication and coordination with Prince William County, VDOT, permitting agencies, impacted property owners, and other stakeholders on the project. He developed the CPM schedule and monitored progress on the project.

2. Pacific Boulevard Design-Build Project - Loudoun County, Virginia

Shirley Design/Build, LLC, Design-Build Project Manager (July 2008 – August 2010)

Jeff was responsible for management and direction of the discipline managers for the overall design-build process including design, permitting, utility relocations, right-of-way acquisition, quality assurance & quality control, and construction for this \$19 million design-build project which extends from Auto World Drive to Severn Way in Loudoun County, Virginia. As the main point of contact for the Shirley/Dewberry Team, Jeff was responsible for communication and coordination with VDOT, NVRPA, permitting agencies, impacted property owners, and other stakeholders on the Project. He developed the CPM schedule and monitored progress of the project which was completed on schedule in August 2010. In cooperation with VDOT, he coordinated with the Eugenia Investments, the primary property owner impacted by the Project, and the Design Team to prepare exhibits and cost estimates to ultimately revise the Project's design to incorporate improved entrance features for the property. As a result of this partnering effort, Eugenia Investments agreed to dedicate the right-of-way at no cost, saving VDOT over \$3 million and facilitating the early start of construction activities.

3. Battlefield Parkway Design-Build Project - Leesburg, Virginia

Shirley Design/Build, LLC, Design-Build Project Manager (July 2007 – November 2009)

As the Design-Build Project Manager for the Shirley/Dewberry Team, Jeff was responsible for contract administration and management of the overall design-build process including design, permitting, utility relocations, right-of-way acquisition, quality assurance & quality control, and construction for the \$26.5 million design-build project to extend Battlefield Parkway from Kinkaid Boulevard to Route 7 in Leesburg, Virginia. He was also the point of contact for communication and coordination with VDOT, the Town of Leesburg, NVRPA, permitting agencies, impacted property owners, and local communities on the project. Mr. Austin developed the CPM schedule for the project. The project was completed on schedule in November 2009.

4. Dulles Greenway Capital Improvements Program - Loudoun County, Virginia

Shirley Contracting Company, LLC, Design-Build Project Manager (March 2005 – December 2007)

Jeff was responsible for the overall contract administration for this \$71 million design-build project which included widening the mainline roadway from four to six lanes, expansion of the mainline toll plaza, improvements to the existing Greenway interchange at Route 606, and new interchanges at Routes 653 and Route 654. He managed and integrated the individual design-build disciplines of the Shirley/Dewberry Team including design, permitting, utility relocations, and construction to ensure constructability and eliminate conflicts. Jeff was the main point of contact for the communication and coordination with the Owner, VDOT, the Town of Leesburg, MWAA, permitting agencies, and other stakeholders on the Project. He developed the CPM schedule and monitored project controls for the duration of the contract to ensure on-time project completion. As a result of the D-B Team's excellent performance through the first eighteen months of the project, he was able to negotiate the addition of the Greenway/Route 772 Interchange to the Project. With Jeff's leadership, the D-B Team was able to complete the design, permitting, utility relocations, and construction of this added project in just 16 months and to complete the entire project by the original completion date of December 2007. In recognition of the success of this project, he was part of the design-build team that received the Design-Build Institute of America 2008 *Regional Design-Build Excellence Award*.

5. Centreville Road Widening Design-Build Project - Centreville, Virginia

Shirley Contracting Company, LLC, Design-Build Manager (June 2005 – September 2008)

As Design-Build Manager, Jeff was responsible for leading the Shirley/Dewberry Team through all phases of the Design-Build process including design, permitting, ROW acquisition, utility relocations and construction. He was the primary point of contact for our team coordinating the design and construction with VDOT, local land owners, developers, the Fairfax County Department of Transportation and Board of Supervisors for the Centreville Road Widening Project. Shirley Contracting was awarded a \$26 million change order to design and construct the Centreville Road Widening Project as part of the Route 28 Corridor Improvements Project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. **Not applicable for this position**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: Siavosh E. Agahy, PE, Senior Associate	
b. Project Assignment: Quality Assurance Manager (QAM)	
c. Name of Firm with which you are now associated: Dewberry Consultants LLC	
d. Years experience: With this Firm 14 Years With Other Firms 16 Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked). Project specific experience shall be included in Section (g) below): Dewberry Consultants LLC - Construction Quality Assurance\Control Manager, 2004 - Present Siavosh is an experienced construction manager and engineer with over 30 years of experience in diverse and complex construction projects. He has served in various capacities (structural design, hydraulic & river mechanics, construction inspection, resolving structural & roadway design and field issues, estimating, evaluation and negotiation of change orders including the CPM analysis of construction schedules, quality control of construction inspection, quality assurance of inspection staff and project management) on different projects in accordance with the needs of the project and the Owner's requirements. Most projects in which he worked as Construction Inspection (QA\QC) Project Manager or Assistant Construction Inspection (QA\QC) Project Manager have involved large and complex highway and bridge construction in very high volume traffic areas with staged construction and complex traffic management plans. He has significant experience in all types of construction work, government standards and specifications (FHWA, Virginia, Maryland and metropolitan counties), as well as state and federal environmental and safety regulations. <ul style="list-style-type: none">▪ Intercounty Connector (ICC) Contract D\E - March 2012 to Present, Construction Quality Assurance\Control Manager▪ Intercounty Connector (ICC) Contract C - March 2008 to December 2011 - Construction Quality Assurance\Control Manager▪ I-66 Widening Project from Route 234 to Route 29\Gainesville Road - November 2006 to March 2008 - Lead Structural Construction Inspector and Change Order Controller.▪ I-95\Telegraph Road Interchange Project - July 2006 to November 2006 - Constructability Review and Critical Path Method (CPM) Schedule.▪ Spriggs Road Project (Phase I) - February 2004 to July 2006 - Construction (Quality Assurance\Quality Control) Manager.▪ Springfield Interchange Improvement Project Phases III, IV, V, VI and VII - September 2000 to February 2004 - Assistant Construction Inspection Manager.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Howard University, Washington DC/ MS / 1987 / Civil Engineering George Washington University, Washington DC/ BS / 1982 /Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Professional Engineer/VA-1989 (#0402020689)	
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 project, 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 project; projects older than fifteen (15) years will not be considered for evaluation.</i> <p>(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)</p> <p>1. Intercounty Connector, Contract D\E Design-Build Project, Montgomery & Prince Georges County -Maryland Dewberry Consultants LLC, Construction Inspection QA\QC Manager (March 2013 - Present) Siavosh is responsible for all quality assurance and quality control inspections for this \$100M Design-Build Project. The construction activities include all contract documents and the Construction Quality Control Plan, conducting constructability reviews and develop required inspection manpower based on the critical path method (CPM) schedule submitted by the contractor. He ensures inspection coverage of all activities including traffic controls, safety and proper</p>	

documentation of field activities. Siavosh assists the owner and general engineering consultant to resolve issues and the contractor in solving complex field issues, so all construction activities meet the required specifications and the owner's approval. He is also responsible for estimating, negotiation and approval of all Quality Control Change Orders with JV contractor and the owner.

2. Intercounty Connector, Contract C Design-Build Project - Montgomery & Prince Georges County, Maryland Dewberry Consultants LLC, Construction Inspection QA/QC Manager (March 2008 - December 2011)

Siavosh was responsible for all quality assurance and quality control inspections on all construction activities for this \$550M Design-Build Project. The construction activities include all contract documents and the Construction Quality Control Plan, conducting constructability reviews and develop required inspection manpower based on the critical path method (CPM) schedule submitted by the contractor. He ensures inspection coverage of all activities including traffic controls, safety and proper documentation of field activities. Siavosh assists the owner and general engineering consultant to resolve issues and the contractor in solving complex field issues, so all construction activities meet the required specifications and the owner's approval. He is also responsible for estimating, negotiation and approval of all Quality Control Change Orders with JV contractor and the owner.

3. I-66 Widening Project from Route 234 to Route 29\Gainesville Road - Prince William County, Virginia Dewberry Consultants LLC, Lead Structural QC Construction Inspector (November 2006 - March 2008)

Siavosh provided construction inspection of complicated structural elements, resolved construction issues, reported on project progress, monitored project quantities for payment, responded to most of the RFI's for adherence to applicable VDOT specifications, standards and safety regulations. He coordinated utility issues, oversaw contractor claims, assisted in training inspection staff, attended and participated in weekly safety meetings.

4. Spriggs Road Project (Phase I) - Prince William County, Virginia

Dewberry Consultants LLC Construction (QA/QC) Project Inspector (February 2004 - July 2006)

Siavosh was responsible for reviewing and responding to all construction inspection correspondence, review and preparation of cost analysis for change orders, preparation and obtaining client (Prince William County, VA) approval for change orders, preparation of contract documents and performing calculations. He conducted site visits and met regularly with contractors, project inspectors, project management, design staffs, VDOT representatives and DCR to ensure that the project was on-time, on-quality and on-budget.

5. Springfield Interchange Improvement Project (Phase III - VII) - Springfield, Virginia

Dewberry Consultants LLC Construction (Inspection) Assistant Project Manager (September 2000 - February 2004)

Siavosh was responsible for reviewing and responding to all construction correspondence, review and preparation of cost analysis for change orders, preparation and obtaining VDOT District and FHWA approval for work orders, prepared contract documents, performed calculations, conducted site visits and met regularly with contractors, project inspectors, project management, design consultants and other government agencies to ensure VDOT's directive for on-time, on-quality and on-budget were met. He attended and participated in weekly safety meetings, assisted in training inspection staff, developed linear and non-linear analysis of potential overrun items for Phases II & III, IV and V of the project, developed design discrepancy evaluation for Phases II & III and IV of the project, created the developmental procedures of potential change orders and work orders processed for the project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. **Not applicable for this position**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: Steven Kuntz, PE, DBIA, Associate Vice President	
b. Project Assignment: Design Manager, Design QA/QC	
c. Name of Firm with which you are now associated: Dewberry Consultants LLC	
d. Years experience: With this Firm 15 Years With Other Firms 0 Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): Dewberry Consultants LLC - Design Manager/Roadway Design Engineer, 1999 - Present General responsibilities included signing and sealing plans as the engineer of record, overseeing all aspects of design, coordination of multiple sub-consultants, and implementation and monitoring of the design QA/QC process. <ul style="list-style-type: none">▪ Gloucester Parkway Extension - March 2014 to August 2016 - Design Manager▪ Route 7 – Westbound Truck Climbing Lane - November 2013 to October 2015 - Roadway Design Engineer▪ Interstate 66 Widening - September 2013 to June 2014 (design) - Roadway Design Engineer▪ Route 29 Bridge over Little Rocky Run - June 2013 to December 2013 (design), - Design Manager▪ Telegraph Road and U.S. Route 1 Intersection at United States Marine Corps Base Quantico - June 2013 to September 2014 –Design Manager▪ Sycolin Road Overpass Route 7-15 Bypass - December 2012 to June 2013 (design), - Design Manager▪ Route 27/244 Interchange Modification - July 2011 to November 2012 (design), - Roadway Design Engineer▪ Pacific Boulevard Extension - July 2011 to August 2013 Design Manager▪ Route 50 Widening - February 2011 to January 2012 (design), - Roadway Design Engineer▪ Waxpool Road/Loudoun County Parkway Intersection Improvements - February 2010 to October 2010 - Design Manager▪ Fairfax County Parkway Phase III Improvements - October 2009 to December 2012 - Design Manager▪ Pacific Boulevard Design-Build - July 2008 to July 2012 - Roadway Design Engineer▪ Intercounty Connector (ICC) Contract C - February 2008 to November 2011 - Roadway Design Engineer▪ Battlefield Parkway Design-Build Project - July 2007 to September 2009 - Roadway Design Engineer▪ Route 7/659 Interchange - February 2008 to July 2010 - Project Manager Dewberry Consultants LLC - Assistant Design Manager/Assistant Project Manager, 1999 - 2012 General responsibilities included coordinating and overseeing all aspects of design, preparing cost estimates for additional scope elements, serving as point of contact for VDOT and attending monthly coordination meetings. <ul style="list-style-type: none">▪ Dulles Greenway Capital Improvements - March 2005 to September 2007 - Assistant Design Manager▪ Route 28 Corridor Improvements - September 2002 to December 2012 - Assistant Design Manager▪ Route 29/Linton Hall Road Interchange - June 1999 to January 2011 (design), Construction Support thru August 2015 - Assistant Project Manager▪ I-66 Widening from Route 234 Business to Route 29 - June 1999 to April 2006 - Assistant Project Manager	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Virginia Polytechnic Institute and State University, Blacksburg, VA / BS / 1999 / Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Professional Engineer / 2004 / Virginia #0402 039440 Professional Engineer / 2008 / Maryland #36172 Design Build Institute of America (DBIA) / 2010	
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 project, 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 project; projects older than 15 years will not be considered for evaluation.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.) 1. Sycolin Road Overpass of the Route 7-15 Bypass - Loudoun County, Virginia Dewberry Consultants LLC, Design Manager (Design Dec. 2012 - June 2013, construction thru August 2014) Steve was responsible for signing and sealing plans as the engineer of record, overseeing all aspects of design, coordination of multiple sub-consultants, and implementation and monitoring of the design QA/QC process. Design elements included development of detour plans for the closure of the Sycolin Road intersection with the Route 7-15 Bypass, design of a 2-span bridge and roadway approach grade adjustments between Hope Parkway and Gateway Drive	

to carry Sycolin Road over the Bypass, design of sidewalk and shared use path facilities along Sycolin, noise barrier analysis and location design, and traffic improvements including roadway lighting on Sycolin Road. Steve attended regular meetings with Shirley, VDOT, and the Town of Leesburg to discuss design elements and progress, and participated in multiple public outreach meetings (information meetings and Pardon our Dust meetings) during design and construction to continue communication efforts with the local community and interested residents.

2. Route 29 Bridge over Little Rocky Run - Fairfax County, Virginia

Dewberry Consultants LLC, Design Manager (Design June 2013 - Dec. 2013, construction thru Oct. 2015)

Steve was responsible for signing and sealing plans as the engineer of record, overseeing all aspects of design, coordination of multiple sub-consultants, and implementation and monitoring of the design QA/QC process. Design elements included widening of Route 29 from 4 to 6-lanes from just east of Pickwick Road to Union Mill Road, a new 2-span bridge over Little Rocky Run, sidewalk and shared use path facilities along Route 29, and traffic improvements including a new signal at Union Mill Road. Steve attended regular meetings with Shirley and VDOT to discuss design elements and progress, and participated in an information meeting and Pardon our Dust meeting during design and construction to continue communication efforts with the local community and interested residents.

3. Fairfax County Parkway Phase III Improvements - Fairfax County, Virginia

Dewberry Consultants LLC, Design Manager (October 2009 - December 2012)

Steve was responsible for signing and sealing plans as the engineer of record, overseeing all aspects of design, coordination of multiple sub-consultants, and implementation and monitoring of the design QA/QC process. Design elements included modifications to the existing Fairfax County Parkway/Franconia-Springfield Parkway/Rolling Road Interchange, widening of approximately 0.8 miles of Rolling Road (to become Fairfax County Parkway), relocation of Rolling Road and Hooes Road, a new bridge to carry Rolling Road over the Fairfax County Parkway, significant sidewalk and shared use path improvements to connect multiple communities along relocated Rolling Road, and a new park and ride lot at the southern end of the Phase III improvements. Steve attended regular progress meetings with Eastern Federal Lands Highway Division, VDOT, Fairfax County, and Army staff to discuss project elements and progress, and participated in a formal public hearing, information and Pardon our Dust meetings.

4. Route 28 Corridor Improvements Project - Fairfax and Loudoun Counties, Virginia

Dewberry, Assistant Design Manager (September 2002 - December 2012)

Steve helped to oversee the design of ten interchanges along Route 28, resulting in creation of a limited access highway between Westfields Blvd. in Fairfax County and Route 7 in Loudoun. Steve was responsible for completion of conceptual interchange configurations for four interchanges (Willard Road, Frying Pan Road, Innovation Avenue, and Nokes Boulevard) and for final design of six interchanges (Innovation Avenue, Sterling Boulevard, Nokes Boulevard, Westfields Boulevard, Willard Road, and Barnsfield Road). As part of the final design efforts, he coordinated the design of each of the interchange bridges, stormwater management facilities, and utility relocation designs, and oversaw the design of all aspects of horizontal and vertical geometric design, drainage design, lighting design, signing and marking design and maintenance of traffic plans. Steve also helped to prepare cost estimates for additional scope elements completed in subsequent phases of the project, including Atlantic Boulevard, Pacific Boulevard, and Centreville Road.

5. Route 29/Linton Hall Interchange and Railroad Grade Separation - Prince William County, Virginia

Dewberry, Project Manager - Design (June 1999 - January 2011-under construction until August 2015)

Beginning as a Project Engineer and continuing through being named the Project Manager in late 2008, Steve has worked on the design of the phased improvements to construct a single point urban interchange (SPUI) and railroad grade separation at the existing Route 29 intersection with Linton Hall Road. As Project Engineer, he was responsible for all elements of roadway design including horizontal and vertical geometry, drainage design, and maintenance of traffic and detour designs in preparation for phased right-of-way plan approvals in 2007 and 2008. As Project Manager, he oversaw the completion of the roadway plans and coordinated the design with the four bridge plan packages in preparation for the December 2010 interchange advertisement. Steve served as the engineer point of contact for VDOT for the completion of parcel demolition plans (completed in 2009), advance detour construction plans (completed in 2011) and the interchange construction underway thru 2015 (advertised in December 2010). He attended monthly coordination meetings with VDOT project staff, coordinated with the in-plan utility relocations engineer, and worked with VDOT Central Office to coordinate with Norfolk Southern Railroad, and continues to attend monthly construction coordination and progress meetings with VDOT and the contractor (Shirley Contracting) as well as public meetings prior to major traffic pattern changes.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. **Not applicable for this position**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: Thomas O'Brien, Senior Project Superintendent	
b. Project Assignment: Construction Manager	
c. Name of Firm with which you are now associated: Shirley Contracting Company, LLC	
d. Years experience: With this Firm <u>22</u> Years With Other Firms <u>15</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): Shirley Contracting Company, LLC - Construction Manager/Senior Project Superintendent, 2006–Present General responsibilities included coordination with the design team; constructability reviews of design drawings; management of all aspects of daily field construction activities; subcontractor coordination and management; oversight of quality control activities. <ul style="list-style-type: none">▪ Telegraph Road Improvements-2013 to 2014-Senior Project Superintendent.▪ Fairfax County Parkway Phase III Design/Build Project- 2011 to 2013 – Construction Manager /Senior Project Superintendent.▪ National Geospatial Intelligence Agency, North Loop Road Design/Build Project - New Campus East-Ft. Belvoir- 2008 to 2011 – Construction Manager/Senior Project Superintendent.▪ Defense CEETA Remote Delivery Facility, 2008 to 2011 – Senior Project Superintendent.▪ Route 28 Corridor Improvements Design/Build Project, McLearen Road Interchange 2006 to 2008 – Senior Project Superintendent. Shirley Contracting Company, LLC - Project Superintendent, 1996–2006 General responsibilities included constructability reviews of design drawings; management of all aspects of daily field construction activities; subcontractor coordination and management; ensure all work is in accordance with contract specifications. <ul style="list-style-type: none">▪ Route 28 Corridor Improvements Design/Build Project, Westfields Boulevard Interchange Project - 2005 to 2006 – Project Superintendent.▪ North-South Service Roads, Washington Dulles Airport –2002 to 2003 – Project Superintendent.▪ Route 28 Corridor Improvements, Barnsfield Road/Air & Space Museum Parkway Interchange 2001 to 2002 – Project Superintendent.▪ Route 28/Route 29 Interchange - 2000 to 2001-Project Superintendent.▪ Springfield Interchange Phases II/III -1998 to 2000-Project Superintendent.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: A.A.S. Civil Engineering State University of New York, Farmingdale, New York 1977	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Will obtain Virginia Department of Conservation and Recreation DCR RLD and Virginia Erosion and Sediment Control Contractor Certification (ESCCC) prior to the commencement of construction.	
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 project, 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 project; projects older than fifteen (15) years will not be considered for evaluation.</i> <p>(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)</p> 1. Fairfax County Parkway Phase III Improvements – Fairfax County, Virginia Shirley Contracting Company, LLC, Senior Construction Manager/Project Superintendent (2011 - 2013) Tom was the Senior Project Superintendent/Construction Manager for the \$27.4 million design-build project for EFLHD which completed the final segment of the Fairfax County Parkway from Rolling Road to I-95. The Project included a six-lane divided, limited access highway, improvements to the Franconia Springfield Parkway interchange including a relocation of Hooes Road, widening of Ramp D to two lanes, construction of three noise barriers and a new bridge carrying relocated Rolling Road over the Fairfax County Parkway. Tom's responsibilities included management and oversight of all day to day field construction activities including Shirley's self perform work and the work of all subcontractors on the Project. He maintained the Project CPM schedule and coordinated the work with EFLHD and	

VDOT staff. Tom also monitored the daily construction activities for compliance with the Project's Quality Assurance/Quality Control Program.

2. National Geospatial Intelligence Agency, New Campus East – North Loop Road Project, Fort Belvoir, Virginia Shirley Contracting Company, LLC, Senior Construction Manager/Project Superintendent (2008 - 2011)

Senior Project Superintendent/Construction Manager for the \$27.5 million project to construct the access roads for the New Campus East Facility at the Fort Belvoir Engineering Proving Ground. Tom was responsible for overall construction management of the Project which included 5,380 L.F. of roadway construction, a 500 L.F. bridge over Accotink Creek, 4 retaining walls, underground communication and electrical distribution systems, and security features including traffic control points, guard booths, active barriers, security warning devices, and lighting. Tom's responsibilities included management and oversight of all day to day field construction activities including roadway, grading/earthwork, bridge construction and maintenance of traffic. He managed Shirley's self-performed work as well as the work of Project subcontractors. Tom also monitored the project CPM schedule and daily construction activities for compliance with the Project's Quality Assurance and Quality Control Program.

3. Defense CEETA Remote Delivery Facility Fort Belvoir, Virginia

Shirley Contracting Company, LLC, Senior Construction Manager/Project Superintendent (2008-2011)

Senior Project Superintendent/Construction Manager on this \$18 million project to provide a new Remote Delivery Facility for all goods and services being delivered to the Defense Communications and Electronics Evaluating and Testing Agency (DCEETA Fort Belvoir). Tom was responsible for overseeing all day-to-day field construction activities including coordinating self-perform and subcontracted work, maintaining the CPM schedule, and coordinating with DCEETA and USACE representatives for the project that entails providing project entrance security enhancements, two miles of roadway, two new buildings, construction of secure check-in stations, and delivery and screening points for all vehicles entering DCEETA. He managed the subcontractors responsible for constructing the security screening buildings, guard booths, installation of pop-up and passive barriers and ensured all security equipment was functional at turnover to the owner. Tom was also responsible for ensuring the construction work was completed on schedule and on budget.

4. Route 28 Corridor Improvements, McLearen Road Interchange Fairfax, Virginia

Shirley Contracting Company, LLC, Senior Project Superintendent (2006-2008)

Senior Project Superintendent for a new interchange at McLearen Road and Route 28 as part of the \$350 million dollar Public-Private design-build project to construct a total of ten interchanges on Route 28 between I-66 and Route 7. For this \$8 million interchange, Tom was responsible for management of all construction forces on site including self-perform and subcontracted work. He directed Shirley Contracting's crews in completing excavation, grading, erosion and sediment controls, maintenance of traffic operations, base stone, and drainage operations on the project while scheduling and managing the work of more than 20 subcontractors to ensure on-time completion.

5. Route 28 Corridor Improvements, Westfields Boulevard Interchange, Fairfax, Virginia

Shirley Contracting Company, LLC, Senior Project Superintendent (2005-2006)

Senior Project Superintendent for the \$27.4 million full-cloverleaf style interchange at Route 28 and Westfields Boulevard. Tom was responsible for management and oversight of all day-to-day field operations including a major detour of Westfields Boulevard, which allowed for the construction of the Westfields Boulevard Bridge. He managed the significant maintenance of traffic planning and coordination that allowed only one lane of mainline Route 28 to be closed during daytime operations. Tom was also responsible for management and oversight of the construction operations on the Project including earthwork, drainage, pavement, signage and lighting, as well as coordination of the utility relocations required for construction. He was also responsible for the construction coordination and work performed by the Project's subcontractors.

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

Tom is currently assigned as the Senior Project Manager for the Telegraph Road Improvements Project that will be completed by November 1, 2014.

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

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: I-66 Widening Improvements Location: Prince William County, VA	Name: Dewberry Consultants LLC	Name of Client/Owner: VDOT Northern Virginia District Office Project Manager: Helen L. Cuervo Phone: 703-259-2345 Email: Helen.Cuervo@vdot.virginia.gov	August 2010	August 2010	\$75,838	\$81,430* *Difference Due to Owner added scope	\$81,430

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Bridge Widening and Rehabilitation
- Complex MOT Operations
- Utility Relocations
- Public Involvement
- Coordination with VDOT
- Partnering
- Multi-Lane Facility
- Extensive Public Impacts
- Designed by Dewberry

PROJECT NARRATIVE: In December 2006, Shirley Contracting Company, LLC (Shirley) as the General Contractor was awarded the I-66 Widening Improvements project to extend the HOV lanes and add additional through lanes on Interstate 66 from the Route 234 bypass to approximately 1-mile beyond the I-66 and Route 29 interchange in Gainesville, Virginia. Designed by Dewberry Consultants LLC, the \$81 million project was successfully completed on schedule utilizing a phased construction approach in order to accommodate the extensive traffic passing through the project without delay. The project consisted of widening over 2-miles of divided multi-lane interstate from 4-lanes to 8-lanes, realignment of eight ramps and primary highway in a heavily congested area. The Shirley Team received the 2010 VDOT Construction Award from the Virginia Asphalt Association - Best Construction Project in Virginia on the project. In addition, the Project had three interim milestones, the first of which was completed five months early while the remaining two were completed ahead of or on schedule.

PROJECT SCOPE:

- Construction of 5 new bridges
- Demolition and reconstruction of 3 bridge superstructures
- Complete demolition of 1 bridge, reconstruction of the superstructure and substructure
- Maintaining heavy interstate traffic volumes with minimal impacts
- Construction and removal of multiple detours
- Approximately 369,000 meters of earthwork (including rock)
- Storm, water and sanitary utility installation/relocation
- Over 514,000 metric tons of sub-base stone and asphalt concrete
- 4-SWMP; 7-Jack and Bore Pipe runs including 3-2100mm diameter approximately 8.5 meters deep
- 2-box culverts
- Signal installation/modifications
- Roadway lighting and signing
- 2-concrete retaining walls (one adjacent to Norfolk Southern Railroad)

AWARDS:

- **2010 VDOT Construction Award** from the Virginia Asphalt Association - Best Construction Project in Virginia

SHIRLEY'S ROLE: Shirley as the General Contractor was responsible for all aspects of the project's construction including roadway, bridge, maintenance of traffic, public involvement, coordination with VDOT Smart Traffic Center, Prince William County, and local residents and businesses as well as coordination with Norfolk Southern Railroad. The Project required extensive maintenance of traffic operations to accommodate the 144,000 vehicles per day passing through the Project. Shirley also handled stakeholder coordination and public outreach, as well as overall project management, and coordination with other on-going projects within the corridor.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- The project had three interim milestones, the *first milestone was completed over five months ahead of schedule and the other two milestones were completed on or ahead of schedule, despite significant change orders for added scope*. Opening Ramp C to alleviate congestion and improve the traffic flows from Route 29 Northbound to Route 66 Eastbound, allowed for a *significant reduction in traffic delays and congestion* for the public early in the project.
- During construction *VDOT issued change directives to Shirley to perform additional services and increased scope*, which included additional bridge demolition and substructure reconstruction on three existing bridges that were to originally remain. On those three existing bridges (two from I-66 eastbound and one from I-66 westbound), 6 piers were completely demolished from cap down to below grade footings and reconstructed *without delaying the project schedule*. Shirley also had to replace the complete superstructure of Bridge B627 (I-66 Eastbound), which included the complete removal and fabrication of new structural steel *without adding any additional time to the project schedule*.
- All construction activities were performed while maintaining traffic of approximately 144,000 vehicles per day passing through the project work zone.

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

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Dulles Greenway Capital Improvement Program Location: Loudoun County, VA	Name: Dewberry Consultants LLC	Name of Client/Owner: Toll Road Investors Partnership II (TRIP II) Project Manager: Thomas McKean Phone: 703-668-0022 Email: tmckean@dullesgreenway.com	December 2007	December 2007	\$64,994	\$71,084* *Difference Due to Owner added scope	\$71,084

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Bridge Widening
- Extensive MOT Operations
- Roadway Widening
- Coordination with MWAA
- Design-Build
- Environmental Permitting
- Partnering
- Toll Road/Revenue Considerations
- Multiple Agency Plan Review/Coordination
- Lead Contractor-Shirley, Lead Designer-Dewberry

PROJECT NARRATIVE: In March 2005 TRIP II awarded Shirley Contracting Company LLC, (Shirley) the \$71 million Dulles Greenway Design-Build Capital Improvement Program. The Project entailed designing and constructing the ultimate improvements to the Greenway as required by their contract with Virginia. The overall project was comprised of eight individual projects combined into a single design-build program. Shirley served as the Lead Contractor and Dewberry Consultants LLC was the Lead Designer. The Team provided all design, construction, permitting, utility relocations, and construction administration, all in a format to allow VDOT acceptance at completion of all crossing roadways. In August 2006, TRIP II awarded Shirley a significant change order to design and construct the improvements to the Route 772/Greenway Interchange which was not part of the original scope. *Even with this added scope, the Design-Build Team completed the original contract work and the additional interchange by the original completion date of December 2007.*

PROJECT SCOPE:

- Widening of the existing twin 660 ft., 100 ft. high bridges over Goose Creek
- Widening of 14 bridges
- 2-new interchanges at Battlefield Parkway and Shreve Mill Road
- Enhancements to an existing interchange at Route 606
- Widening of the mainline roadway from 4 to 6-lanes for a distance of 6.2 miles
- Extensive Maintenance of Traffic Operations
- Expansion of the mainline toll plaza
- Environmental permitting
- Utility relocation
- Bridge construction over traffic
- Comprehensive Safety Project-over 300,000 man hours with no lost time accidents
- Access tunnel extension

AWARDS:

- **2008 Regional Design-Build Excellence Award** for large transportation projects presented by the Design-Build Institute of America (DBIA).

SHIRLEY'S ROLE: As the Lead Contractor, Shirley was responsible for all aspects of the design and construction of the Project, including roadway, structures, toll facilities expansion, maintenance of traffic and environmental permitting. Shirley also handled stakeholder coordination and public outreach, as well as overall project management, and coordination with other on-going projects within the corridor.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- In addition to enhanced safety features and increased capacity in final design, our Team developed detailed Traffic Management Plans that focused on maintaining lane widths and travel speeds, and reduced the impact to traffic during interim construction phases
- Shirley *partnered with the Town of Leesburg and the local community* to avoid impact to soccer fields. A segment of the Town's right-of-way was acquired for the project and was being used for little league soccer games. Shirley re-sequenced the CPM schedule to avoid impacting the area until after the completion of the soccer season, allowing the community time to find alternate playing fields for the next season. *This schedule re-sequencing was completed at no cost to the Owner, without impacting the project completion date and is an example of our Team's willingness to partner with the Owner and local communities to maintain positive public perception.*
- We established a comprehensive, project specific, *Safety, Health and Welfare Program* for the Greenway to assure the safety of everyone on the Project. On the Greenway, our employees *logged more than 300,000 man hours with no lost-time accidents.*
- All work was performed with no reduction in capacity for the 75,000+ vehicles per day utilizing the existing toll facility.
- *Shirley opened the mainline widening of the Greenway six months ahead of schedule.*

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

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Interstate 95 4th Lane Widening Project Location: Fairfax and Prince William County, VA	Name: HNTB, Inc.	Name of Client/Owner: VDOT Northern Virginia District Office Project Manager: H.S. Charlie Warraich Phone: 571-237-8229 Email: HS.Warraich@VDOT.Virginia.gov	September 2011	September 2011	\$85,557	\$91,183* *Difference Due to Owner added scope	\$91,183

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Multi-Lane Widening
- 10 Bridges Widened
- Complex MOT Operations
- Communication & Coordination with VDOT
- Retaining Walls
- Sound Barrier Walls
- Very High Traffic Volumes
- Restricted Work Hours

PROJECT NARRATIVE: In January 2008, Shirley Contracting Company, LLC as the General Contractor, was awarded the Interstate 95 4th Lane Widening Project to add a fourth lane in each direction of Interstate 95 between the Fairfax County Parkway and Route 123. The additional lanes were constructed to relieve bottlenecks and daily congestion in this area of Interstate 95 and provide improved traffic flow. The northbound project limits extended from Exit 160 Woodbridge/Route 123 to just north of the Pohick Road bridge overpass, approximately five miles. The southbound limits were from Exit 166, Fairfax County Parkway/Newington, Route 7100 to Exit 160, Route 123, approximately six miles. With a construction cost of approximately \$91 million, the project consisted of widening 10 bridges including two bridges over the Occoquan River, 16 retaining walls, 8 sound barrier walls, and over 2.5 miles of storm pipe installation. All work was completed on a major interstate in a heavily congested area.

PROJECT SCOPE:

- 10 Bridges Widened
- Maintaining heavy interstate traffic volumes with minimal impacts
- Installation of new substructure abutments and piers, structural steel girders and new bridge deck concrete and joints.
- Widening of the 1,000 L.F. dual span bridge over the Occoquan River
- Approximately 240,000 cubic yards of earthwork
- Installation of over 14,000 LF of stormwater piping, water and sanitary utility installation/relocation
- Over 250,000 tons of sub-base stone and asphalt concrete
- Roadway lighting and signage including 15 overhead structures.
- Installation of over 70,000 SF of both retaining/sound barrier walls
- Over 2,000 drilled shaft and steel post foundations
- 145,000 SF of traditional ground mounted sound barrier wall

SHIRLEY'S ROLE: As the General Contractor on the Project Shirley was responsible for management and oversight of all aspects of construction, including roadway, structures, maintenance of traffic, public relations and public involvement. The work was performed on a heavily travelled interstate with over 200,000 vehicles per day passing through the project. Lane restrictions were coordinated by Shirley with VDOT's Smart Traffic Center to allow for public notifications of impacts to traffic.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- All work was performed with *no safety incidents and the project enjoyed a zero-lost time record.*
- *All construction activities were performed while maintaining and managing traffic volumes of over 200,000 vehicles per day* passing through the project work zone along the I-95 Corridor.
- Shirley utilized onsite construction signage and many variable message boards strategically placed throughout the work zone to help promote primary awareness of upcoming construction impacts and clearly define vehicular paths/routes, which *helped improve traffic flow and avoid delays.*
- We *developed work schedules and activity plans to minimize delays and impacts to the public during peak traffic rush hours*; resolved issues quickly and efficiently, while emphasizing safety on the project for all parties including the traveling public.
- *Project details were communicated to promote public awareness and involvement to all parties* directly and/or indirectly associated with the project.

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

a. Project Name & Location	b. Name of the prime/general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: I-66 Improvements (Phase III – I-66 Widening and I-66/Route 29 Interchange Reconstruction) Location: Prince William County, VA	Name: Shirley Contracting Company, LLC	Name of Client: VDOT Northern Virginia District Office Project Manager: Amir Salahshoor, PE Phone: 703-259-1957 Email: A.Salahshoor@vdot.virginia.gov	August 2010	August 2010	\$75,838	\$81,430* *Difference Due to Owner added scope	\$4,306 (Phase III only)

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Temporary Traffic Control Design
- Temporary Drainage & Phased Drainage Installation Design
- Utility Relocation Coordination
- Traffic Signal Modification Designs
- Completion of Signing & Pavement Marking Plans which Accommodated Future I-66 Widening Extension
- Public Involvement & Stakeholder Coordination

PROJECT NARRATIVE: In 1998, Dewberry's Fairfax, Virginia office was awarded the contract for the widening of I-66 between Manassas and Gainesville from 4-lanes to 8-lanes (including one HOV lane in each direction) and the complete reconstruction and reconfiguration of the existing I-66/Route 29 Interchange in Gainesville. Due to funding constraints, Dewberry worked with VDOT to separate the project into multiple construction contracts, allowing for phased completion. Phase I was advertised in 2004 for the I-66 Widening from Manassas to the Route 234 Bypass, and Phase II for the University Boulevard Overpass was also separately advertised in 2004. The efforts to develop phased construction plans culminated with the advertisement of Phase III in 2006 which included the widening of I-66 from the Route 234 Bypass Interchange to just west of the Route 29 Interchange in Gainesville, and complete reconstruction and reconfiguration of the I-66/Route 29 Interchange.

PROJECT SCOPE:

- Field surveys
- Roadway horizontal and vertical geometric design
- Structural design for five new bridges
 - One new bridge carrying two interchange ramps over Route 29
 - Rehabilitation and widening of two I-66 bridges over an interchange ramp
 - Superstructure removal, pier reconstruction, and widening of two I-66 bridges over Route 29
- Temporary traffic control design for staged construction
- Roadway drainage design
- Stormwater management design
- Stormwater retention design (to retain offsite flow within the interchange to avoid impacts to existing Norfolk Southern drainage facilities)
- Signing and pavement marking plans
- Traffic signal designs
- Roadway lighting and electrical plans
- ITS design
- Environmental impact permit plate development
- Sub-consultant oversight and coordination for utility designations, test pits, and traffic counts and analysis

DEWBERRY'S ROLE: As the engineer of record for the improvements, Dewberry was responsible for all preliminary and final engineering designs and coordination and oversight of multiple sub-consultants needed to complete right-of-way acquisition and construction plans for the proposed improvements. During design, Dewberry attended monthly coordination meetings and was led by the same individual proposed as the Design Manager for the Route 7 Widening and Bridge Rehabilitation Project. In addition to providing all design services, Dewberry prepared presentations and graphics for multiple public hearings, public meetings, and citizen outreach meetings, prepared the Interchange Justification Report (IJR), provided support to VDOT right-of-way acquisition and negotiation staff during acquisition of right-of-way and easements, and coordinated with Norfolk Southern Railroad for the retaining wall and drainage improvements to avoid impacts to the railroad property. During construction, Dewberry's involvement continued by providing support through shop drawing reviews, responding to RFI's, attending monthly coordination meetings and detail-specific construction meetings, and participated in formal partnering meetings and workshops.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- Advertisements for each Phase of the project were delivered on-time with successful construction bids received below the Engineer's estimate.
- During construction, it became apparent that conditions of several bridges which were intended to be minimally rehabilitated (deck overlays and widenings) had deteriorated to the point that more significant improvements were required. VDOT issued Dewberry a contract modification to complete designs for the complete reconstruction of the bridge decks (including structural steel) and replacement of all bridge piers. Plans were developed during construction and coordinated with Shirley to ensure construction schedules were not impacted. Plans were issued as a construction revision, and reconstruction was able to be completed *without delaying the project schedule*.

AWARDS:

- **2010 VDOT Construction Award** from the Virginia Asphalt Association - Best Construction Project in Virginia

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

a. Project Name & Location	b. Name of the prime/general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Dulles Greenway Capital Improvement Program Location: Loudoun County, VA	Name: Shirley Contracting Company, LLC	Name of Client: Toll Road Investors Partnership II (TRIP II) Project Manager: Mr. Thomas McKean Phone: 703-668-0022 Email: tmckean@dullesgreenway.com	December 2007	December 2007	\$64,994	\$71,084* *Difference Due to Owner added scope	\$8,653

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Bridge widenings
- Extension of existing pedestrian facilities
- Phased roadway widening
- Temporary traffic control designs
- Utility relocation coordination
- Tunnel extension for toll booth access
- Coordination with MWAA

PROJECT NARRATIVE: Beginning in 2005, the design-build team of Shirley and Dewberry began work on the Capital Improvement Program for TRIP II to complete many of the “ultimate” improvements which TRIP II was obligated to complete under its agreement with the Commonwealth of Virginia. These improvements included toll plaza expansions, mainline roadway widenings, and interchange improvements which were intended to maintain and enhance levels of service/operation in advance of expected residential, retail, and commercial development along the corridor in Loudoun County. Completed in a design-build format, our Team successfully completed nine separate projects in less than three years and without operational impacts or reductions to the tolls collected by TRIP II.

PROJECT SCOPE:

- Field surveys
- Widening of the Greenway from 4- to 6-lanes for 6.2 miles
- Mainline Toll Plaza expansion from 10 to 18 lanes
- Widening of Goose Creek Bridges (twin 660' 3-span bridges) from 4- to 6-lanes
- Widening of Route 606 bridges over Dulles Greenway and completion of ultimate interchange ramp improvements
- Widening of the Route 653 bridge over the Greenway and complete design and construction of the Route 653 Interchange
- Realignment of Battlefield Parkway, demolition of the Tolbert Lane Bridge, and complete design and construction of the Battlefield Parkway Interchange
- Design of direct ramp access from EB Dulles Greenway to Dulles Airport
- Widening of Route 772 (now Ashburn Village Blvd.) over the Greenway and reconfiguration of Interchange Ramps
- Temporary traffic control design for staged construction
- Roadway drainage design and stormwater management design
- Signing and pavement marking plans
- Sub-consultant oversight and coordination for utility designations, test pits, and geotechnical testing and analysis

AWARDS:

- **2008 Regional Design-Build Excellence Award** for large transportation projects presented by the Design-Build Institute of America (DBIA).

DEWBERRY'S ROLE: As the engineer of record, Dewberry's Fairfax, Virginia office was responsible for completion of all final design plans for the roadway, bridge, hydraulic and stormwater management improvements associated with each of the nine individual projects included in the Capital Improvements project. A detailed design was completed for the extension of the employee access tunnel which extends below the mainline toll plaza, providing access to the toll booths for toll collection employees without contending with vehicular use of the toll plazas. Bridge plans were developed for each of the bridge widenings – both over water and highways – and coordinated with the roadway and temporary traffic control plans to ensure construction could be completed without reduction in the number of existing lanes or reductions/elimination of pedestrian access. Completion of plans was staged in a way such that critical elements of the Capital Improvements, such as the mainline Greenway widening, were completed as quickly as possible. In addition to design services, Dewberry also provided inspection services during construction.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- Early completion of several of the Capital Improvement designs led the Owner to add the Route 772 Interchange improvements to the project as a contract modification. *Plans were completed without requiring an extension of the construction contract duration.*
- “Repeat business” is the best evidence of good performance. After completion of the Capital Improvements, *Dewberry continues to be the engineer of record for the Greenway*, and is currently working on pavement overlay and sign improvements, and traffic counts, proving that the service provided by Dewberry is valued by TRIP II.
- The dedication to client focus, maintaining good relationships, and completion of quality plans and documents is what has *led TRIP II to utilize Dewberry for every project completed on the Greenway, including the original design.*
- Based on the successful completion of the Capital Improvements, *Dewberry and Shirley now continue to work with TRIP II* for improvement projects, including projects which needed to be accelerated and completed in advance of the future Dulles Metro expansion project.

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

a. Project Name & Location	b. Name of the prime/general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Route 28 Widening over Dulles Toll Road Location: Loudoun County, VA	Name: Shirley Contracting Company, LLC	Name of Client: VDOT Northern Virginia District Office Project Manager: Ms. Susan Shaw, PE Phone: 703-259-1995 Email: susan.shaw@vdot.virginia.gov	July 2015	July 2015	\$8,497	\$8,497	\$463

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.



RELEVANCIES TO ROUTE 7 WIDENING AND BRIDGE REHABILITATION OVER DULLES TOLL ROAD AND AIRPORT ACCESS HIGHWAY PROJECT

- Bridge widening
- Roadway widening to accommodate future expansion of Route 28 to 8-lanes
- Coordination with MWAA
- Temporary traffic control design
- Maintenance/relocation of existing utilities
- Limited available structure depth available to maintain adequate vertical clearance
- Similar bridge construction as Route 7 Bridges

PROJECT NARRATIVE: Dewberry and Shirley worked with VDOT and the Route 28 Tax District to complete final design and construction of the widening of both the northbound and southbound Route 28 bridges over the Dulles Toll Road and Airport Access Highway in advance of the extension of the Dulles Metro project, which would otherwise preclude future widening of the bridge pier between the proposed eastbound and westbound Metro tracks. The scope of the project was limited to bridge design for approximately 12' of widening to the outside of each existing bridge, requiring extension of 10 bridge piers and foundations (5 in each direction) and widening of the existing abutments. Construction plans were coordinated with MWAA and Capital Rail Constructors (Phase II Rail project team) staff to ensure no conflicts would arise during construction of either the bridge widening project or during extension of the Metro. Bridge plans were completed based on coordination with preliminary widening plans for Route 28, which will ultimately complete the ultimate 8-lane section above the Dulles Toll Road and Airport Access Highway.

PROJECT SCOPE:

- Bridge Stage I and final design plans
- Lighting and electrical plans to maintain and relocate existing roadway and underbridge lighting facilities
- Signing and marking plans to relocate existing bridge mounted signs to overhead sign supports
- Oversight of geotechnical investigations and recommendations, completed by our sub-consultant
- Temporary traffic control plans
- Approach roadway design for coordination at abutment and approach slab widening

DEWBERRY'S ROLE: As the engineer of record, Dewberry's Fairfax, Virginia office was responsible for development of Stage I plans for the widening of both the northbound and southbound bridges. Since the bridges are independent structures, separate plans were developed for each bridge. Following approval of the Stage I submissions, final plans were developed and approved by VDOT and MWAA so that construction can begin prior to extension of the Dulles Metro project. Dewberry also completed lighting and electrical plan design so that existing parapet mounted light poles and underbridge lighting fixtures could be removed, reinstalled, and reconnected to a single power source following widening of the bridge. This was necessary since conduits for the existing lights either runs through or is supported on the parapets which need to be removed to facilitate the widening. Dewberry also completed signing plans for the replacement of existing bridge mounted sign structures with overhead sign structures, and developed temporary traffic control plans which allowed for excavation of bridge foundations and construction of the piers without reductions in the number of lanes, even in tight areas between barrier separated slip-ramp facilities.

VERIFIABLE EVIDENCE OF GOOD PERFORMANCE:

- Advance approval of the bridge plans allowed for acquisition of the MWAA Work Permit for the bridge foundation elements.
- We were able to identify these bridge widenings as critical to VDOT and the Tax District so that funding could be identified, allowing design and construction to be completed prior to the extension of the Dulles Metro project.
- The trust between all project stakeholders helped lead to quick identification of funding and approvals by multiple agencies, including Fairfax and Loudoun Counties, allowing design to be initiated as quickly as possible.
- Because both Dewberry and Shirley are involved with the Phase II Dulles Metro project, coordination between projects was simplified, ensuring the future success and elimination of conflicts during construction.