

STATEMENT OF QUALIFICATIONS

I-95 AT TEMPLE AVENUE INTERCHANGE IMPROVEMENTS

COLONIAL HEIGHTS, VA

STATE PROJECT NO.: 0095-106-122

FEDERAL PROJECT NO.: NH-095-1(328)

CONTRACT ID NUMBER: C00085623DB74

NOVEMBER 25, 2013



Contact:

Bobby J. Abernathy
President
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Glen Allen VA 23060
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babernathy@abernathyconstruction.com

**ABERNATHY
CONSTRUCTION CORP.**



TIMMONS GROUP

YOUR VISION ACHIEVED THROUGH OURS.

ABERNATHY CONSTRUCTION CORP.

General Contractors

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

**Subject: Letter of Submittal
I-95 at Temple Avenue Interchange Improvements
Colonial Heights, Virginia
RFQ No.: C00085623DB74**

Dear Mr. Arel,

In response to the Department's Request for Proposals, Abernathy Construction Corporation (Abernathy) is pleased to submit this Statement of Qualifications for the I-95 at Temple Avenue Interchange Improvements Design-Build Project in Colonial Heights.

Abernathy has a long-standing relationship with VDOT, working in the Commonwealth for over 60 years and completing dozens of projects for VDOT, including the Route 36 design-build project in Petersburg. Our diverse and extensive experience in road, bridge, and utility construction, and our design-build experience make us very well suited for this project. Partnering with Timmons Group, we have put together a team of local, experienced contractors and designers that will deliver a quality project to VDOT focused on safety, schedule, value, and innovation.

L. S. Abernathy Construction was founded in 1949 by Lloyd Abernathy. Coming from a farming family out of Brunswick County, Lloyd decided to leave the farm and venture into bridge construction. Building bridges up and down the east coast for nearly 20 years, he eventually settled in Virginia and began his business in the Commonwealth. Bobby Abernathy, Lloyd's oldest son, reorganized and incorporated the family business in 1971 as Abernathy Construction Corporation. Today, Bobby and his sons continue the family's construction tradition, and their dedication to maintain high standards of business and to grow along with the communities it does business in.

Abernathy's dedication to quality was recognized by VTCA with a recommendation for award for the Route 637 Bridge Replacement Project in Essex County, received a 4 Star recognition by VDOT for the Route 95 Temple Avenue Interchange Project as the Best State Construction Project in 2008, and received the VDOT Staunton District Excellence in Construction – Best Project Award in 2010, and we continue to pursue the highest level of quality on every project. Along with quality, we plan and execute our work with safety in mind, both with our team and the traveling public. Safety is a priority for Abernathy, and consistent with previous years, our Experience Modification Factor is 0.78 for 2013.



Abernathy Construction Corp. is proud to partner with Timmons Group for design of the I-95 Temple Avenue Interchange Improvements project. Since 1953, Timmons Group has been serving state and local government clients throughout Virginia. As the largest civil engineering and surveying firm in Central Virginia, they have the resources to provide clients professional services in civil engineering, planning, environmental science, landscape architecture, surveying and geographic information systems.

Inspired by their client's vision, Timmons Group employees solve engineering challenges in imaginative, cost-effective and constructible ways. Their transportation design projects have ranged from neighborhood sidewalk and bike lane improvements to interstate interchanges, from paving rural county roads to widening major urban arterials. Timmons Group and VDOT were recognized by ACEC with an Engineering Excellence Award in 2007 for the 11.6 mile Route 17 improvement project in the City of Chesapeake. Timmons Group also won VTCA's project of the year award in 2011 for the Woolridge Road over Swift Creek Reservoir project.

Timmons Group's staff has extensive roadway design experience, including interchange improvement projects in urban and high-growth localities as well as unconventional intersection designs. Timmons Group developed the conceptual plans and bridging documents for VDOT's I-295/Meadowville Interchange project in Chesterfield County and designed six (6) roundabouts recently constructed in the Richmond District. As VDOT's Central Region on-call traffic engineering consultant, they have also evaluated roundabout designs at another six (6) locations in the region.

Timmons Group is committed to providing Abernathy and, ultimately, the Department with the resources needed to achieve the project goals and the priority to complete this project on schedule and within budget.

We look forward to serving VDOT on this project and appreciate your consideration during the evaluation process. If you have any questions during this process, please contact me at 804-266-1465, or at dfabernathy@abernathyconstruction.com.

Respectfully,

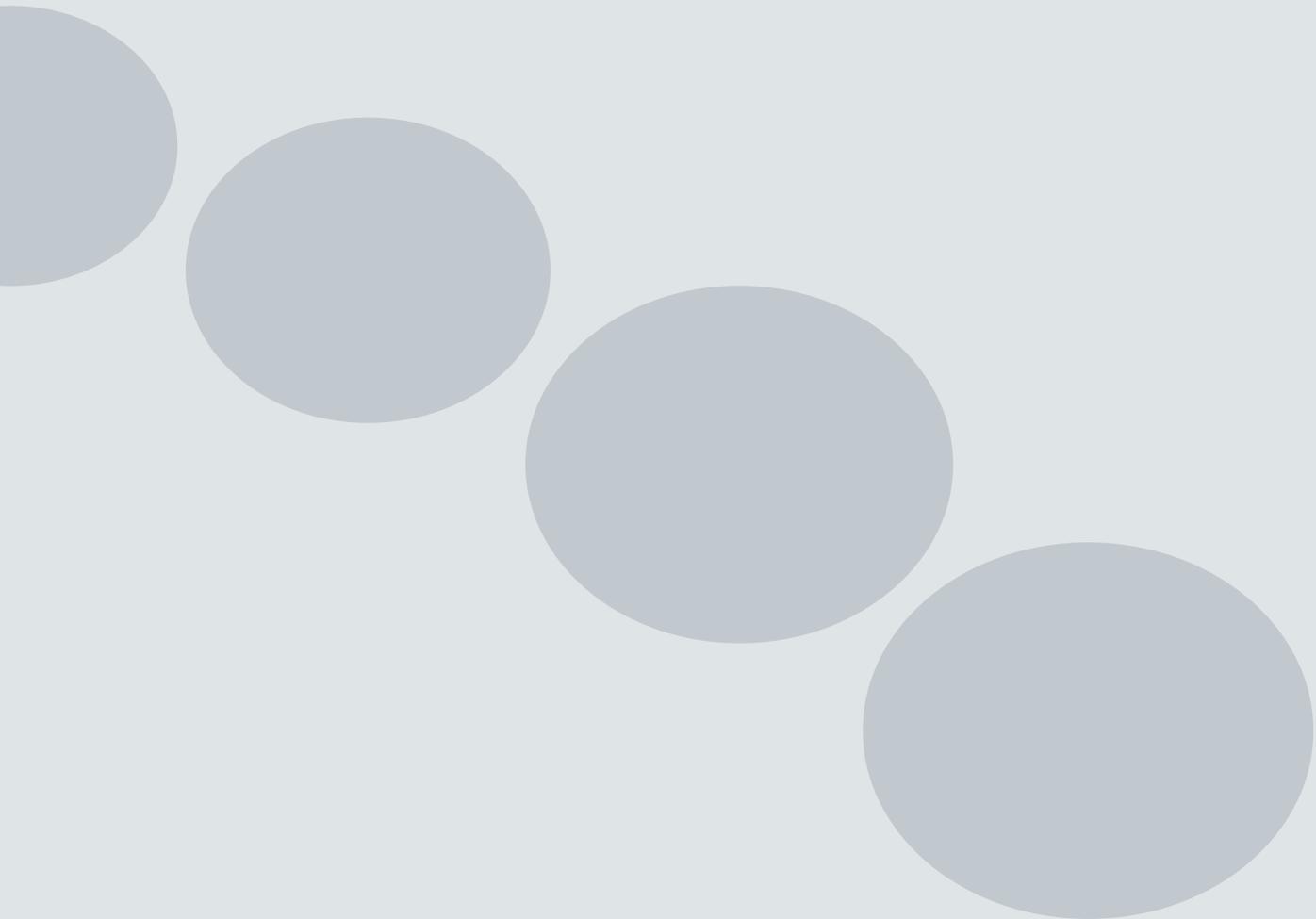
A handwritten signature in dark ink that reads "Deborah Abernathy". The signature is written in a cursive style and is positioned above the typed name.

Deborah Abernathy

Secretary/Treasurer

Abernathy Construction Corporation

SECTION 2



3.2.2 Full Legal Name and Address

Firm & Contact

Abernathy Construction Corp.
Bobby J. Abernathy/President

Contact Information

PO Box 1041 | Glen Allen VA 23060
804-266-1465 (p) 804-266-4449 (f) babernathy@abernathyconstruction.com

3.2.3 Principal Officer of the Offeror

Bobby Abernathy, President of Abernathy Construction Corporation, will also serve as the Principal Officer for the Offeror. Please see Section 3.2.2 above for contact information.

3.2.4 Offeror's Structure

Abernathy Construction Corporation is structured as a corporation and will be the lead organization, taking full financial responsibility with no liability limitations. Team Member D. F. Abernathy, Secretary/Treasurer, will undertake financial responsibility for this project, and can be reached at dfabernathy@abernathyconstruction.com, or at the address/phone number listed in Section 3.2.2.

3.2.5 Full Legal Name of Lead Contractor and the Lead Designer

Abernathy Construction Corp.

Timmons Group, Inc.

3.2.6 Affiliated and/or Subsidiary Companies

Attachment 3.2.6 – Affiliated or Subsidiary Companies can be found in Appendix b.

3.2.7 Certification Regarding Debarment Forms

Signed Attachments 3.2.7(a) and (b) can be found in Appendix C.

3.2.8 VDOT Prequalification

Certification of Prequalification can be found in Appendix D.

3.2.9 Letter from a Surety or Insurance Company

Letter of Surety can be found in Appendix E.

3.2.10 SCC and DPOR Information Table

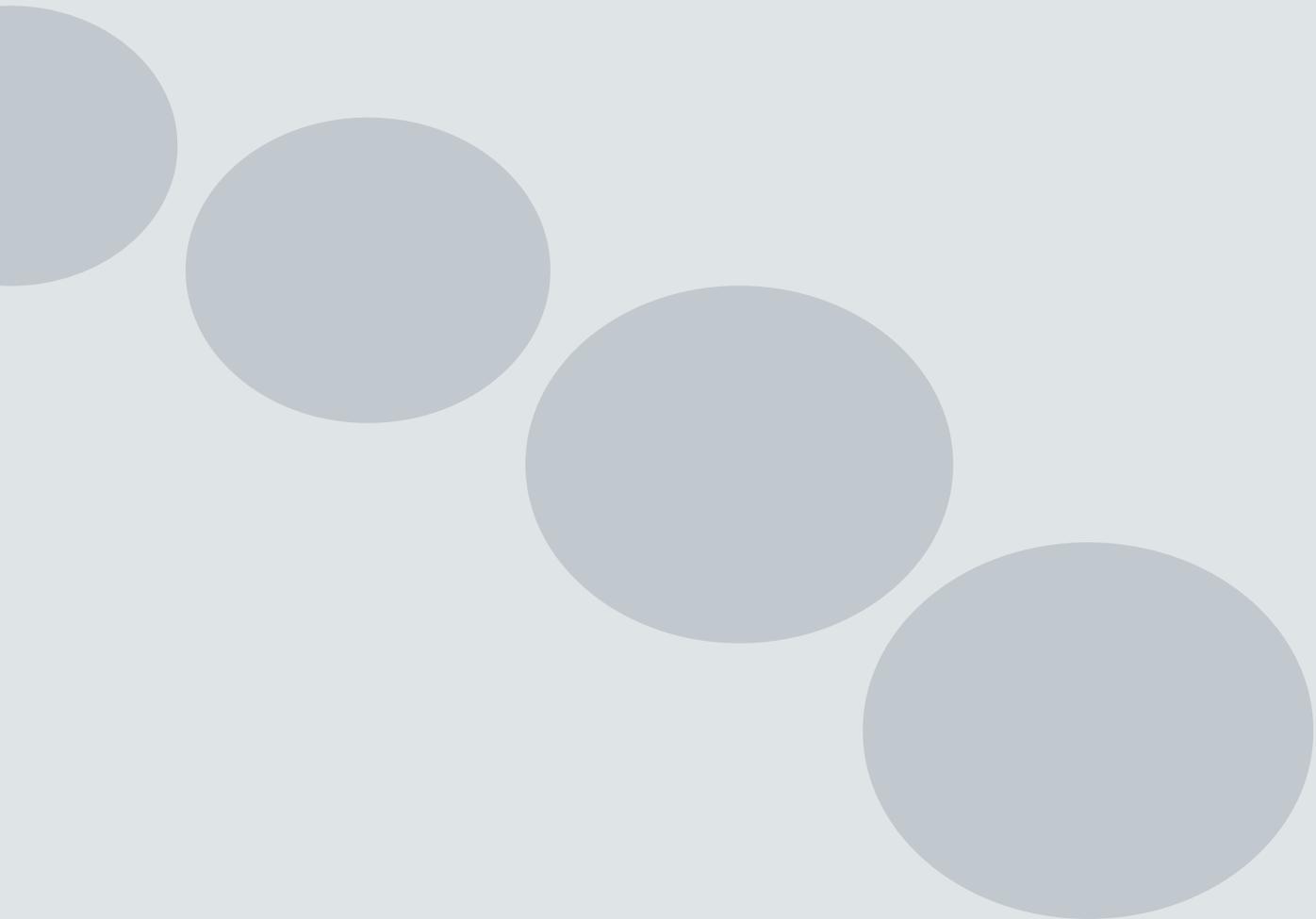
Attachment 3.2.10 - SCC and DPOR Information Table and copies of certifications and licensing can be found in Appendix F.

3.2.11 DBE Participation Goal

I personally commit to VDOT that the Abernathy Team will achieve a DBE Participation goal of 12% for the entire value of the contract:


Deborah Abernathy, Secretary/Treasurer
Abernathy Construction Corp.

SECTION 3



3.3 Offeror's Team Structure

3.3.1 Key Personnel

Bobby J. Abernathy - Design-Build Project Manager, has over 51 years of experience with roadway, bridge and utility construction projects. As Project Manager he will be responsible for delivery of the Project per contract requirements. As President/Owner he has the authority and availability to mobilize necessary manpower to the project site as needed. He will be responsible for managing the entire team and acts as the point of contact between VDOT, third-party stake holders and the design team.

Quality Assurance Manager (QAM) - Mike Saunders, PE, CCM, is an experienced professional with over 10 years of engineering and construction management experience. Mike is a former VDOT ACE and Project Controls Engineer for the Richmond District, as well as a former VDOT Project Manager in the Salem District. Throughout his time at VDOT, Mike served as a Responsible Engineer on numerous contracts where he was responsible for coordinating project activities in the Richmond District. In addition, Mike also oversaw LAP projects for the district. Since joining NXL in 2011, Mike has served in various capacities, namely Quality Assurance and Quality Control Manager. Mike has served as either a QAM or QCM 3 on Design-Build projects where his responsibilities have ranged from preparation of plans, to oversight and monitoring of the program, to coordinating and managing project staff. Mike has experience leading preparatory inspection meetings, coordinating with QC testing firms, approving plans, staffing, and extensive project documentation.

Design Manager – Chris Kiefer, PE, has more than 25 years' experience in the transportation field, including roadway and drainage design projects. Chris has been a Project Manager of transportation design projects for over 20 years. In addition, Chris is routinely involved with the utility coordination and conflict resolution of road projects. He will provide expertise on all aspects of roadway design, intersection design, ramp design, roundabout design, pedestrian and bike plans, signalization, and safety improvements. Chris will also oversee design and plan preparation for various designs, the preparation of traffic management plans, studies, utility coordination and drainage design relating to roadway projects. He has worked on many VDOT funded projects administered both by VDOT and local governments in the past. He has designed ten roundabouts that have been constructed. He has experience with traffic controlled intersections in close proximity to interchange.

As our firm's primary transportation consultant to private and public clients, Chris is an expert regarding Virginia DOT guidelines and procedures, roundabout design, roadway design, utility coordination and constructability experience.

He also provides management oversight of the Transportation Planning and Traffic Engineering staff. Chris has been project manager on the following alternative intersection projects:

- Old Hundred/Brandermill Pkwy – Chesterfield
- Watkins Centre Parkway (four) – Chesterfield
- Government Center Parkway – Chesterfield
- Meadowville Road/Meadowville Parkway (multi-lane) - Chesterfield
- Hillsboro (Rte. 690)/Allder School (Rte. 711) – Loudoun
- Old Trail Drive – Albemarle
- Braddock/Pleasant Valley D-B RFP – Fairfax
- Gilbert’s Corner (Routes 50/15) Reconstruction – Loudoun
- Route 106/Allin Rd Reconstruction – Prince George

As well as studies involving roundabouts at:

- Old Buckingham/Alverser – Chesterfield
- Hopkins/Kingsland – Chesterfield
- Spring Run/Bailey Bridge – Chesterfield
- Route 630 (Courthouse Rd) – Stafford
- Kellogg Mill/Mountainview – Stafford
- Route 206 corridor – King George

Richard J. Siford - Construction Manager has over 40 years of construction management experience concentrating in bridge, structural, and roadway construction. Mr. Siford will be responsible for managing all aspects of project construction. He will facilitate all constructability reviews, work closely with the Design Manager to plan for necessary utility relocations, and coordinate with the Right-of-Way Manager to prioritize and schedule the acquisition process to maintain the project schedule. Mr. Siford will be responsible for coordinating with the QC Manager, Project Manager, and Superintendent to implement, examine and, as necessary, adjust the process to ensure all construction materials and activities are in accordance with the Contract Documents. Additionally, Mr. Siford will communicate with the Design Manager to arrange for design engineer’s review of construction activities through the witness and hold points.

Attachment 3.3.1 - Key Personnel Resume Form can be found in Appendix G.

Functional Relationships

Included below are descriptions of the roles and responsibilities of our team members including an explanation as to the functionality of each relationship.

Bobby J. Abernathy, Design-Build Project Manager (DBPM)

Mr. Abernathy will be responsible for all that occurs on the project site or with respect to the overall project to include, but not be limited to: overall preparation of the RFP submission; contract development and execution; design and construction activities; scheduling; quality management commitments and adherence to all permits and regulations. He will work directly with the Design Manager and the Construction Manager to confirm adherence to project control elements in the design and construction phases of work and oversee the coordination of these efforts. As the DBPM, Mr. Abernathy will be the primary point of contact for the project and is responsible for the overall contract management and ensuring total collaboration between all team members. *The DBPM is the single, primary point of contact with VDOT.*

Richard J. Siford, Construction Manager (CM)

Mr. Siford's responsibilities include: (1) performing constructability reviews of RFP documentation and coordinate estimating and operations input and support to DBPM for proposal submission; (2) day-to-day management of all on-site construction and project activities; (3) management of the construction process including all quality control (QC) activities to ensure that materials used and work performed meet contract requirements and approved construction plans and specifications; and (4) ensuring that all work performed on-site is performed to meet and exceed all safety, quality and environmental requirements of the project. His responsibilities as CM will be working directly with QC managers and field managers on project scheduling, constructability reviews and vendor acquisitions with specific focus on project efficiency and an emphasis on quality, environmental and safety compliance. *The CM reports functionally to the DBPM and draws support from the QC Manager and Safety Manager.*

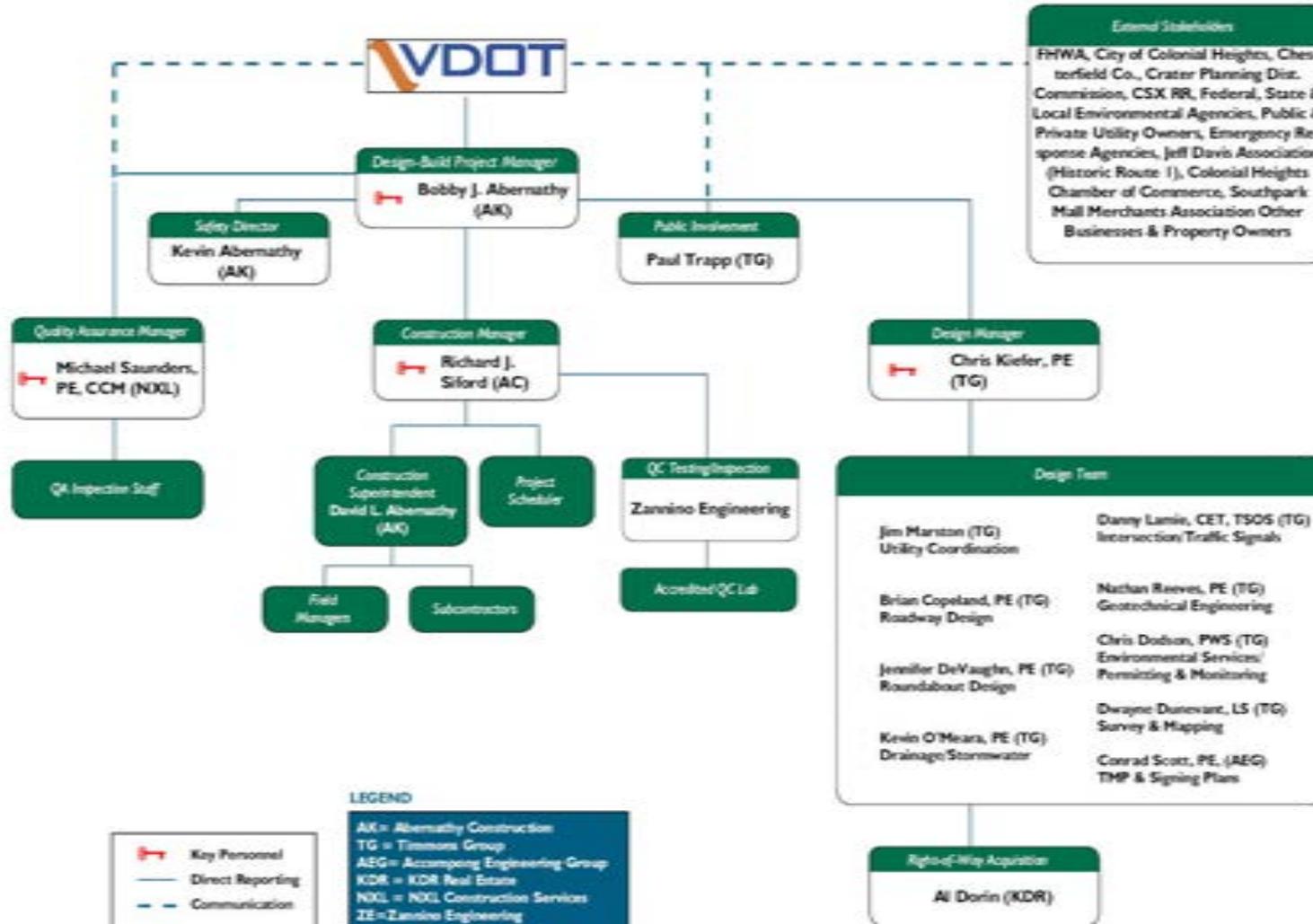
Chris Kiefer, PE, Design Manager (DM)

Mr. Kiefer's responsibilities include: (1) performing design reviews of RFP documentation and coordinate design input and support to DBPM for proposal submission; (2) coordinating all individual design disciplines and ensure the overall project design conforms to the construction documents; and (3) fully establishing and overseeing the QA/QC program for all pertinent disciplines involved in the design of the project, including design review, working plans, specifications and constructability on the project. *The DM reports functionally to the DBPM.*

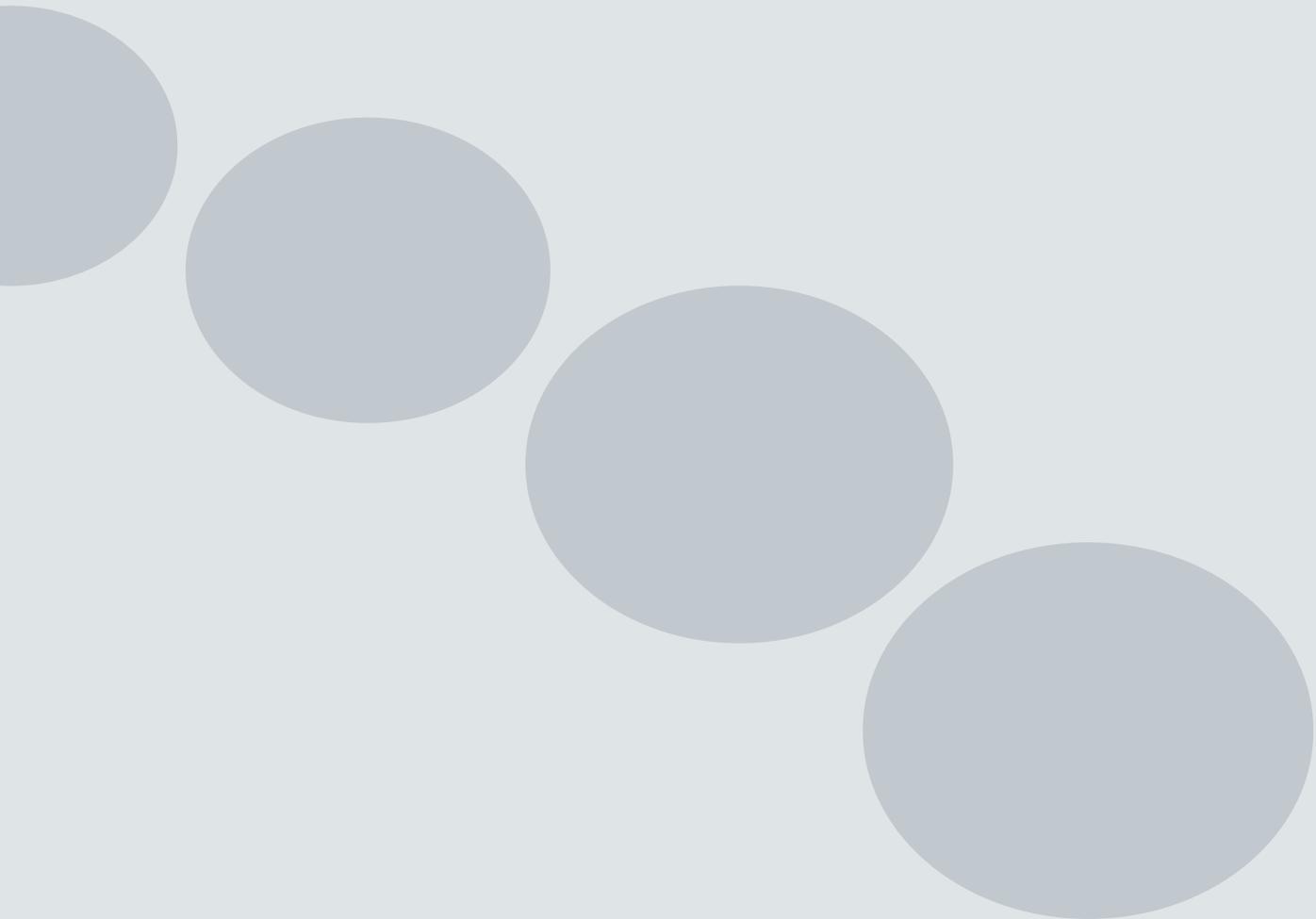
Mike Saunders, PE, CCM, Quality Assurance Manager (QAM)

Mr. Saunder's responsibilities include: (1) independent overall quality assurance (QA) inspections and testing of all materials used and work performed on the project; (2) monitoring of The Abernathy Team's quality control (QC) program; and (3) ensuring that all work and materials, testing and sampling are performed in accordance with the contract requirements and the approved for construction plans and specifications. *The QAM reports directly to both the DBPM and VDOT. He acts in an independent capacity, ensuring that he is not constrained in his work by the requirements of production.*

3.3.2 Organizational Chart



SECTION 4

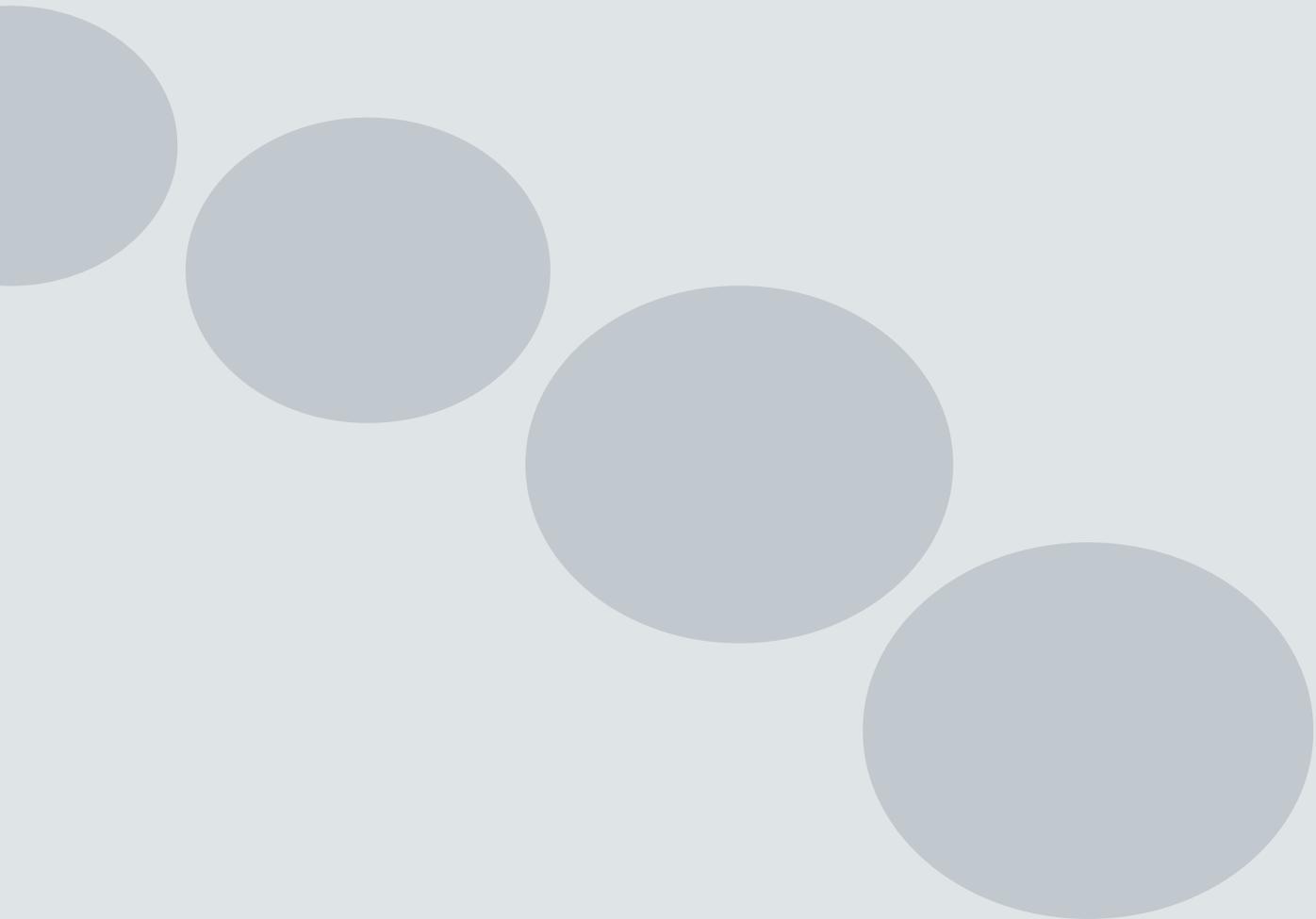


3.4 Experience of Offeror's Team

3.4.1 Work History Forms

Lead Contractor Work History Form (Attachment 3.4.1(a)) and Lead Designer Work History Form (Attachment 3.4.1(b)) can be found in Appendix H.

SECTION 5



3.5 Project Risks

Risk #1 - Permits and Approvals

Based on its location, conceptual design and potential impacts to access, right-of-way, natural and historic resources, this project will require a number of permits and other approvals from federal, state and local agencies. Some of these include:

- FHWA - an Interchange Modification Report (IMR) has been approved for the project, however a pending land use change (proposed Kroger development) and its associated traffic analysis, could have implications that may require additional FHWA review and approval;
- Commonwealth Transportation Board – the CTB will need to approve the project funding as well as the major design features and all changes to limited access right of way;
- Atlantic Coast Line Railroad - a memorandum of agreement (MOA) between VDOT, FHWA and the Virginia State Historic Preservation Officer stipulates certain actions to be undertaken during construction within the right-of-way for this historic rail line between Richmond and Petersburg, eligible for the National Register of Historic Places;
- Suspect Hazmat Sites - potential building demolitions, the old railroad right-of-way and the partial take of the Boddie Noell property are all potential Hazmat sites requiring special attention and compliance activities during construction;
- Wetlands and Waters of the U.S. - the project will require permits from the U.S. Army Corps of Engineers, Virginia Department of Environmental Quality and Virginia Marine Resources Commission; and
- City of Colonial Heights - the required right-of-way for the project includes parcels currently owned by the City which will require City Council action.

Why the risk is critical: Securing these and other approvals could have serious schedule and budget consequences which could impact project delivery. Furthermore, many of these approvals will have permit conditions or other commitments which if not complied with, could lead to a notice of violation or even worse, a project shutdown.

Impact the risk will have on the project: With proper coordination and clear communications throughout the design and construction process, the potential impact of this risk can be minimized.

Mitigation strategies to be implemented by the Abernathy/Timmons Group team: Timmons Group has excellent relationships with VDOT staff at the Richmond District and Petersburg Residency offices as well as with Environmental staff at the Central Office. We also have strong relationships with FHWA, the City of Colonial Heights and other agencies that will be involved in the permitting and approval of this project. We will provide early coordination with all of these agencies to ensure that we have identified all potential permits, approvals and activities required during construction to satisfy each agency having jurisdiction over the project.

We will maintain close communications with VDOT and other agencies to facilitate the preparation, review and approval of all permits for the project. We will provide sufficient time within the project schedule to allow review and response to agency questions or concerns. We will clearly communicate all permit conditions and responsibilities to construction field staff and clearly delineate sensitive or “off-limits” areas on the project site. Finally, Timmons Group will provide experienced permit compliance monitoring staff to regularly review construction

activities, complete all required reporting, and advise the Construction Manager and QAM on any environmental concerns before they impact the project.

Role of VDOT or other agencies in addressing this risk: The Abernathy/Timmons Group team will take full responsibility for securing all necessary permits and approvals and will provide permit compliance throughout construction and through project acceptance. As a partner in this project, VDOT will have the responsibility to provide timely review and approval of project submittals. If conflicts arise between established project design criteria and any permit conditions proposed or required by other review agencies, we would expect VDOT to provide guidance and timely assistance in the resolution of those conflicts.

Risk #2 - Utilities and Right-of-Way Acquisition

Construction of this project will have substantial impacts to utilities and right-of-way that will require careful design, coordination and follow-through. Some of these include:

- City of Colonial Heights Sanitary Sewer – the new connection to Ridge Road will require approximately 10 feet of additional fill to be placed over two gravity sanitary sewer lines crossing under Temple Avenue and a sanitary sewer manhole will need to be situated just a few feet away from a proposed retaining wall;
- Appomattox River Water Authority – a water main along Temple Avenue, with service lines feeding the adjacent neighborhood, will need to be evaluated for potential betterments required to maintain the aging water distribution system as well as conflicts with project features such as the planned retaining wall placement next to a live stream;
- Columbia Gas – it appears that little work may be involved in the adjustments of these natural gas facilities, such as minor adjustments within the Ridge Road corridor;
- Verizon telecommunication facilities – two fiber optic lines near the cellular tower and a major duct bank in the Temple Avenue corridor will require careful coordination, including relocation of the duct bank connected to one of the existing railroad bridges to be demolished;
- Dominion Virginia Power – overhead poles along Temple Avenue will need to be relocated in advance of the project and in a manner that minimize impacts to the affected property owners;
- City of Colonial Heights (parcels 003, 007, 012, 013) – with the assemblage of these parcels, the City is a major property owner and stakeholder in this project and their involvement and actions to secure this right of way is critical to the project’s success;
- Ridge Road property owners (parcels 002, 009, 010, 011) – the owners/residents in this community will be directly affected with a significant change to their means of access;
- Goodard (parcel 005) – this full take and relocation will be handled in a thoughtful and compassionate manner, and included the removal and abandonment of a private well and septic drainfield system in accordance with state code;
- Boddie Noell (parcel 006) – the partial take from this commercial property may involve potential damages; and
- Kalyan Hospitality (parcel 008) – the current design anticipates only easements required, however the change from right of way to limited access may require special attention and any potential for additional easements or right of way could be problematic.

Why the risk is critical: Without careful coordination with the utility providers, and the logical progression of evaluating impacts and securing right-of-way/easements, the project cannot be successful. Early and consistent communications with affected utility providers and property owners will be required to avoid serious schedule and budget consequences which would impact project delivery.

Impact the risk will have on the project: With proper coordination and clear communications throughout the design and construction process, the potential impact of this risk can be minimized.

Mitigation strategies to be implemented by the Abernathy team: The Abernathy/Timmons Group team has existing relationships with all of the utility providers on this project. We also have strong relationships with VDOT utility coordination staff at the District. We will provide early coordination with all of these utility providers to ensure that we have identified all their input and potential conflicts or concerns identified. We will conduct additional information (research, record drawings, test holes, etc.) and perform our conflict resolution analyses. We will place each of the facilities into one of three categories (items that need to be moved without a doubt, items that can remain in place as is without a doubt and items that need further evaluation or discussion in order to be placed in one or the other of the two categories above). We will conduct a utility field inspection with preliminary plans and our assessment in hand. The utility field inspection will outline what needs to be done by whom and when. This is where the various responsibilities will be assigned. Constructability throughout the various construction phases will be a paramount element in this situation. We cannot have the utility providers propose a solution for the ultimate, finished product that does not take into account the various stages of construction that may require special considerations.

We will maintain close communications with VDOT and the utility providers to facilitate the preparation, review and approval of all designs, budgets, schedules and permits for the relocation and/or adjustments required for the project. We will provide sufficient time for the utility providers to comply with project needs but we will be firm that all providers are delivering on commitments established. We will clearly communicate with all utility providers what is going on with the development of the plans and what other utility providers are working on so as to avoid re-design in the process. We will review all intended designs to make certain that they comply with our requirements as well as the requirements of VDOT and the City of Colonial Heights in trying to minimize impacts to property owners, the environment and the travelling public throughout construction and in the final state. Finally, our team will provide experienced inspection personnel who will monitor the construction activities, ensure that facilities are being moved to the intended locations at the required depths, complete all required reporting, and advise the Construction Manager and QAM on any concerns before they impact the project.

The key to success for securing the right-of-way is making certain that the public is well informed and that there are no surprises. We would recommend early and frequent contact with property owners with Timmons Group and KDR Real Estate Services. If we understand the key issues and concerns for the property owners up front, we can usually work a resolution of those items into the delivered product.

Role of VDOT or other agencies in addressing this risk: The Abernathy/Timmons Group team will take full responsibility for coordinating with the utility providers from the outset and continuing until the end of the project. The team will monitor compliance throughout construction and through project acceptance. As a partner in this project, VDOT will have the responsibility to provide timely review and approval of project submittals. If conflicts arise between established project design criteria and any utility providers (situations of proposed betterment determinations, planned horizontal locations of facilities (inside right-of-way or in separate easements), we would expect VDOT to provide guidance and timely assistance in the resolution of those discussions/conflicts since the corridor and facilities will be VDOT's to maintain and operate at the completion of the project.

Risk #3 – Constructability and Maintenance of Traffic

Based on the conceptual design and close proximity to Interstate 95 and U.S. Route 1 (the Boulevard), this project will require alternatives analyses, thoughtful design, integrated discussions and coordination between design-build team members, and follow-through for a safe and successful completion of the work items. Some of these include:

- Demolition & removal of the existing railroad bridges – in order to construct the planned roundabout, the bridges will need to be removed in a manner that traffic is safely maintained and the two signals that flank the area remain in operation; the ramifications of impediments to traffic flow in this area could cause backups onto I-95 which is the most heavily traveled interstate on the east coast with over 100,000 vehicles per day;
- Maintain traffic at critical tie in points – by re-directing the ramps and loops of the I-95 interchange, the proposed facilities will need to cross over the existing facilities while continuing to serve the existing traffic under construction; the southbound exit ramp will need to be constructed parallel to the existing ramp for 600’;
- Maintain stream flow – immediately north of the planned roundabout is a jurisdictional stream that cannot be encroached upon or blocked during construction; careful attention through design, permitting and construction of these improvements (including the required retaining wall) will need to be taken to ensure that there are no additional impacts or permit violations created by working within this limited space;
- Wetlands system impacts – the fill limits depicted on the concept plans show cutting off a connected wetlands system south of station 201+00 with the pond between the existing and proposed I-95 connector being filled in the process; the flows in this area will need to be maintained throughout construction;
- Surplus right-of-way – removal of the existing embankment and pavement material from the existing connector to I-95 after the new roundabout and connector road are made operational could be a way to lessen the right-of-way impacts to the Boddie Noell parcel and/or used for mitigation.

Why the risk is critical: Without careful planning, diligent design and flawless execution throughout construction, the consequences could be devastating. The project could cause unnecessary harm to the environment and/or major impacts to the travelling public. The wrong situation could even result in traffic accidents or unsafe working conditions for those prosecuting the work.

Impact the risk will have on the project: With proper design, thoughtful deliberation, reviewing “what if” scenarios, team coordination and clear communications throughout the design and construction process, the potential impact of this risks to the environment, travelling public, and construction personnel can be minimized.

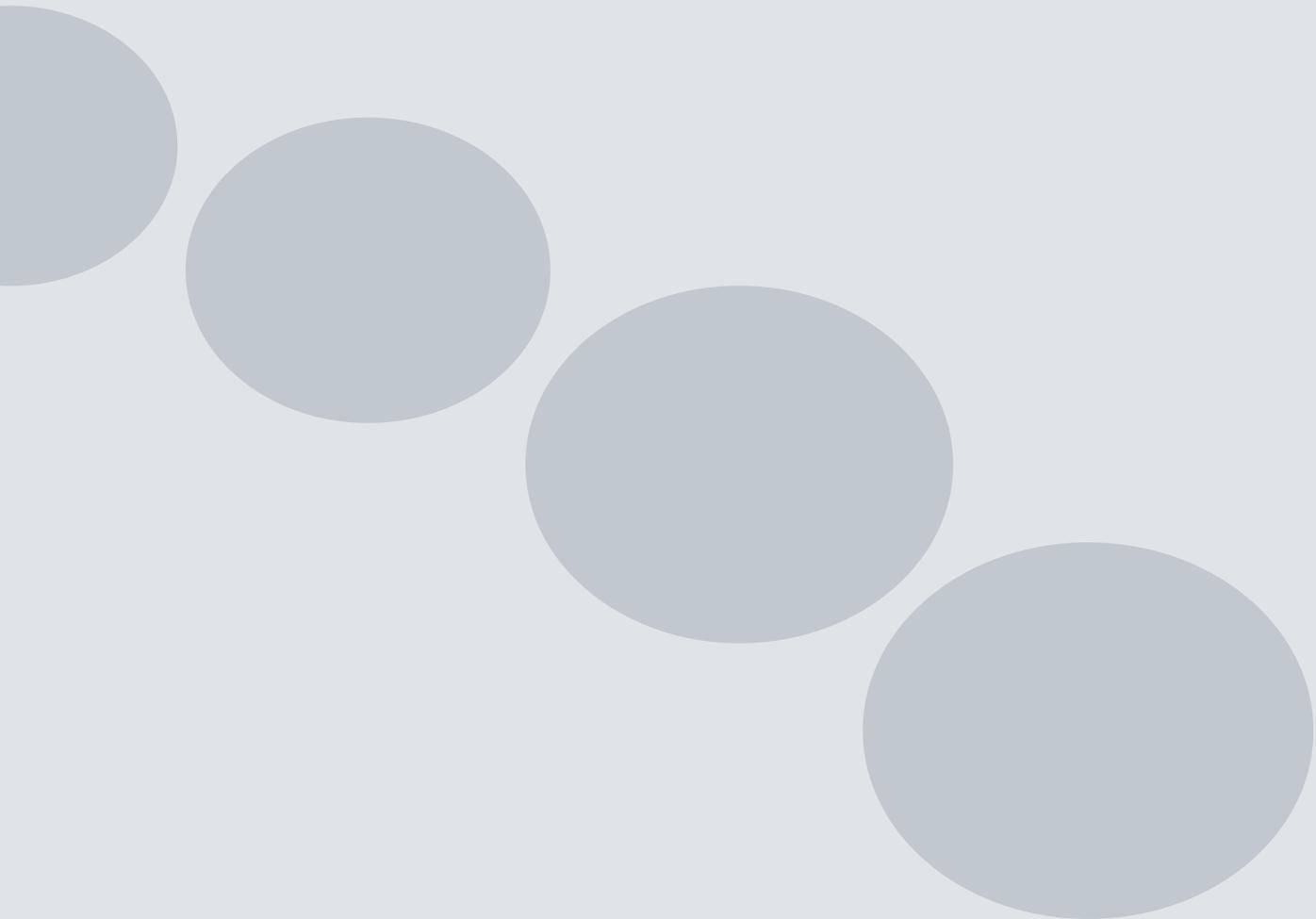
Mitigation strategies to be implemented by the Abernathy team: Our team has senior design engineers, construction managers, inspectors, seasoned construction personnel that have dealt in these tight urban interchange areas where traffic is high and site constraints are plentiful and tight. Chris Kiefer has been managing the construction of the Route 10 improvements, 8 miles north of this interchange along I-95. Maintenance of traffic/sequence of construction/traffic operation is a key component in all of these constructability issues on this project. Timmons Group currently holds the annual on call contract with VDOT for Traffic and Transportation with the Central Region. Our specialty is the operational analysis of alternative intersection treatments. We have been called on many times to help solve operational issues at a busy intersection or a problem with a roundabout. We have designed over six (6) roundabouts that are in operation around the Commonwealth. In addition, our environmental staff has great field applicability experience and is known for trouble shooting environmental situations that may come up during construction. Abernathy constructed the slip ramp from westbound Temple Avenue to northbound I-95, so they fully understand the environmental and traffic constraints in the interchange area.

Our integrated approach to working hand in hand with all key stakeholders designers, inspectors, foreman, superintendents, etc. will allow for the careful thought and consideration to all critical constructability issues to ensure success. We will put ideas on the table and talk through all the possible scenarios and ramifications that may play into that logical sequence (impacts to traffic, impacts to environment, etc.). We need to know and understand the budgetary and schedule implications of each of the scenarios being considered as well as those items factor into every decision.

As with all of the critical items and/or risks, we will maintain close communications with VDOT the City, the reviewing agencies, and the public at large to make certain that there very few unintended consequences that result in the construction of this project. We will provide VDOT with our thoughts and decisions along the way as true partners. We will review and re-review all resulting designs with a keen eye on constructability. We will understand the potential threats and offer backup plans in the event that something unanticipated should arise. Finally, our team will provide field experienced engineers, experienced inspectors, and proven construction personnel along with our QAM that will be able to solve the potential problems ahead of time so that they do not become issues.

Role of VDOT or other agencies in addressing this risk: The Abernathy/Timmons Group team will take full responsibility the design and construction of the project. The team will strive to achieve a project that delivers what VDOT anticipates in a safe, well thought out and environmentally responsible manner. As a partner in this project, VDOT will have the responsibility to provide timely review and approval of project submittals. If issues arise where a switch in a sequence of construction or maintenance of traffic situation arises, we would expect VDOT to provide guidance and timely assistance and review of the situation in the spirit of a true partnering relationship so that the resolution is swift but well thought out and working towards a successful and safe completion of the project.

APPENDIX 5



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

RFQ NO. C0085623DB74
PROJECT NO.: 0095-106-122

ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA

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

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

1. Cover letter of RFQ 10/15/2013
(Date)
2. Cover letter of Addendum #1 11/12/2013
(Date)
3. Cover letter of _____
(Date)

Deborah Abernathy
SIGNATURE

November 21, 2013
DATE

ATTACHMENT 3.1.2

Project: 0095-106-122

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	Appendix A
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	Appendix A
Letter of Submittal (on Offeror's letterhead)				
Authorized Representative's signature	NA	Section 3.2.1	yes	2
Offeror's point of contact information	NA	Section 3.2.2	yes	3
Principal officer information	NA	Section 3.2.3	yes	3
Offeror's Corporate Structure	NA	Section 3.2.4	yes	3
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	3
Affiliated/subsidiary companies	Attachment 3.2.6	Section 3.2.6	no	Appendix B
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	Appendix C
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	Appendix D
Evidence of obtaining bonding	NA	Section 3.2.9	no	Appendix E

ATTACHMENT 3.1.2

Project: 0095-106-122

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	Appendix F
Full size copies of SCC Registration	NA	Section 3.2.10.1	no	Appendix F
Full size copies of DPOR Registration (Offices)	NA	Section 3.2.10.2	no	Appendix F
Full size copies of DPOR Registration (Key Personnel)	NA	Section 3.2.10.3	no	Appendix F
Full size copies of DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.10.4	no	Appendix F
DBE statement within Letter of Submittal confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.11	yes	3
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	Appendix G
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	Appendix G
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	Appendix G
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	Appendix G
Organizational chart	NA	Section 3.3.2	yes	6
Organizational chart narrative	NA	Section 3.3.2	yes	5

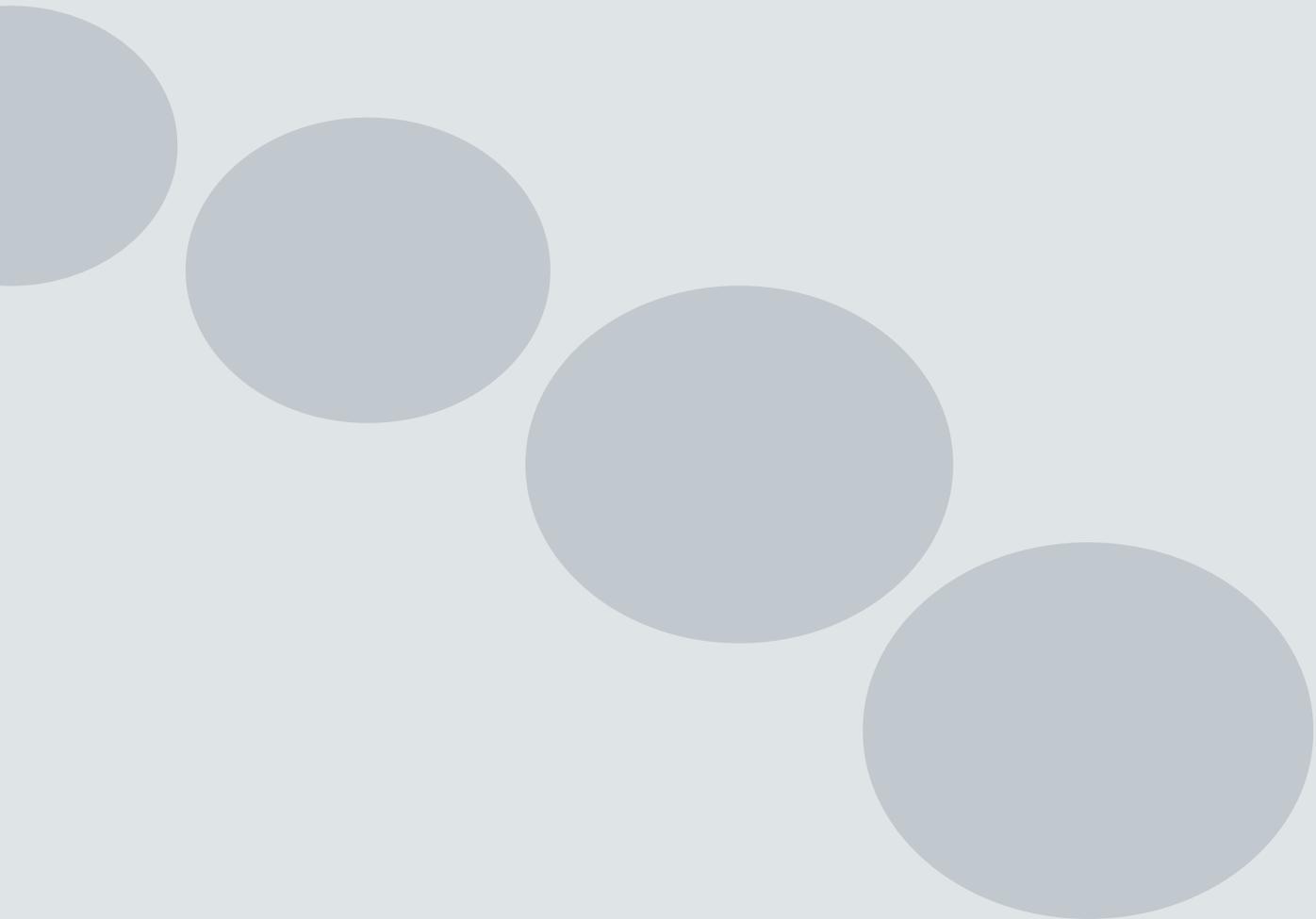
ATTACHMENT 3.1.2

Project: 0095-106-122

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				Appendix H
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	Appendix H
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	Appendix H
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	8-13

APPENDIX B



ATTACHMENT 3.2.6

State Project No. 0095-106-122

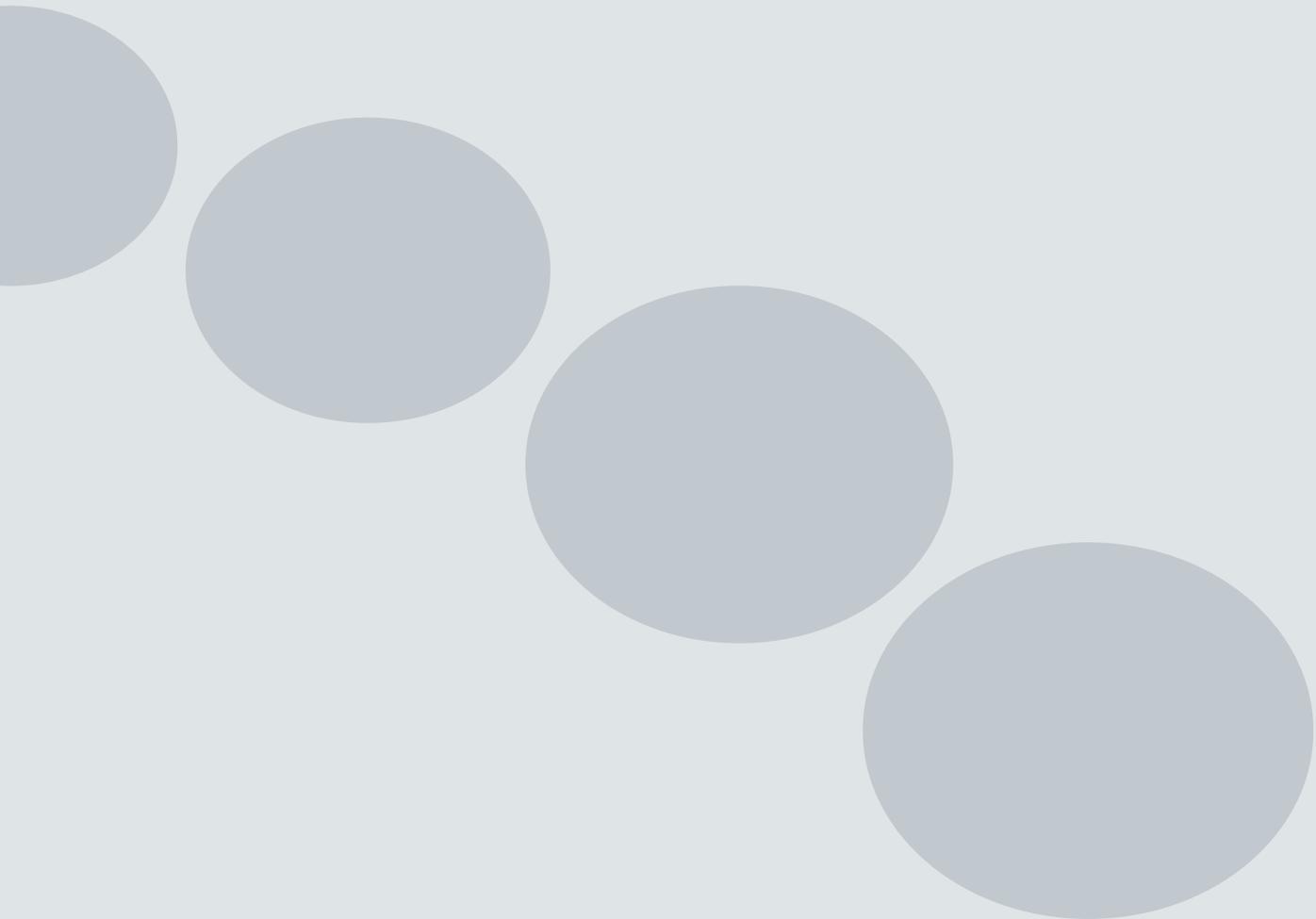
Affiliated and Subsidiary Companies of the Offeror

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
Abernathy does not have any affiliated or subsidiary companies.		
Timmons Group		
wholly-owned subsidiaries	WetCollect, LLC	1001 Boulders Parkway Richmond, VA 23225
wholly-owned subsidiaries	Timmons Group Construction Management (TGCM)	1001 Boulders Parkway Richmond, VA 23225

APPENDIX C



ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 0095-106-122

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.

<u>Deborah Abernathy</u>	<u>11/25/13</u>	<u>Secretary/Treasurer</u>
Signature	Date	Title

Abernathy Construction Corp.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0095-106-122

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

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

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

Paul R. Kelly 11/22/13 Principal-in-Charge
Signature Date Title

Timmons Group
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0095-106-122

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

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



Signature

November 15, 2013

Date

Chief Executive Officer

Title

NXL Construction Services, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

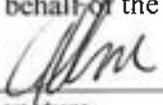
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0095-106-122

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

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

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

 11/20/13 PRESIDENT
Signature Date Title

KDR REAL ESTATE SERVICES
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0095-106-122

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

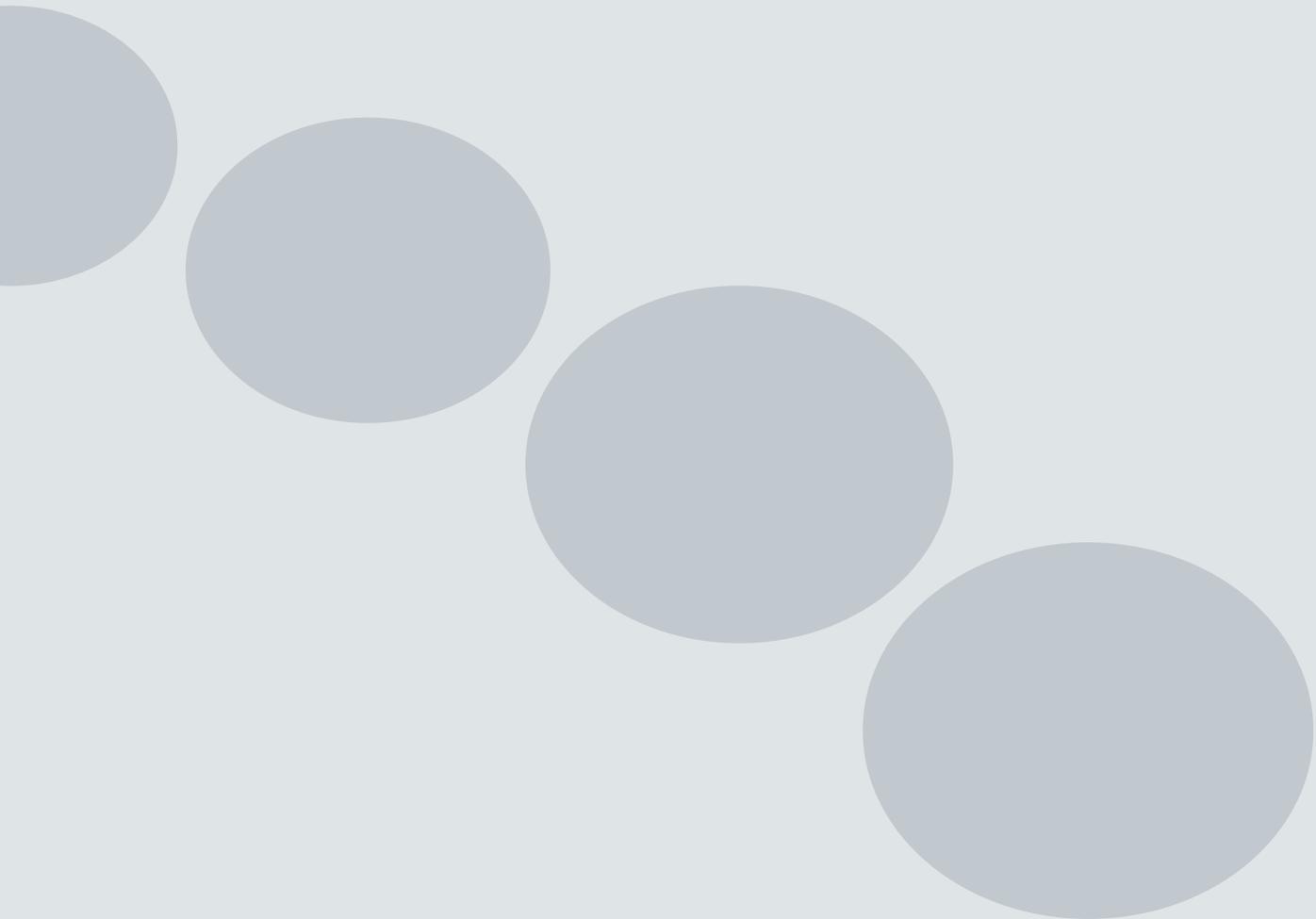
2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this form.

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

<u>Sharon R. Zannino</u>	<u>11-20-13</u>	<u>President</u>
Signature	Date	Title

Zannino Engineering, Inc.
Name of Firm

APPENDIX D





COMMONWEALTH OF VIRGINIA



CERTIFICATE OF QUALIFICATION

ABERNATHY CONSTRUCTION CORPORATION

Vendor Number: **A003**

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

PREQUALIFIED

Work Classes: MAJOR STRUCTURES; DRAINAGE STRUCTURES; RAILROAD CONSTRUCTION / REPAIR; EXCAVATING

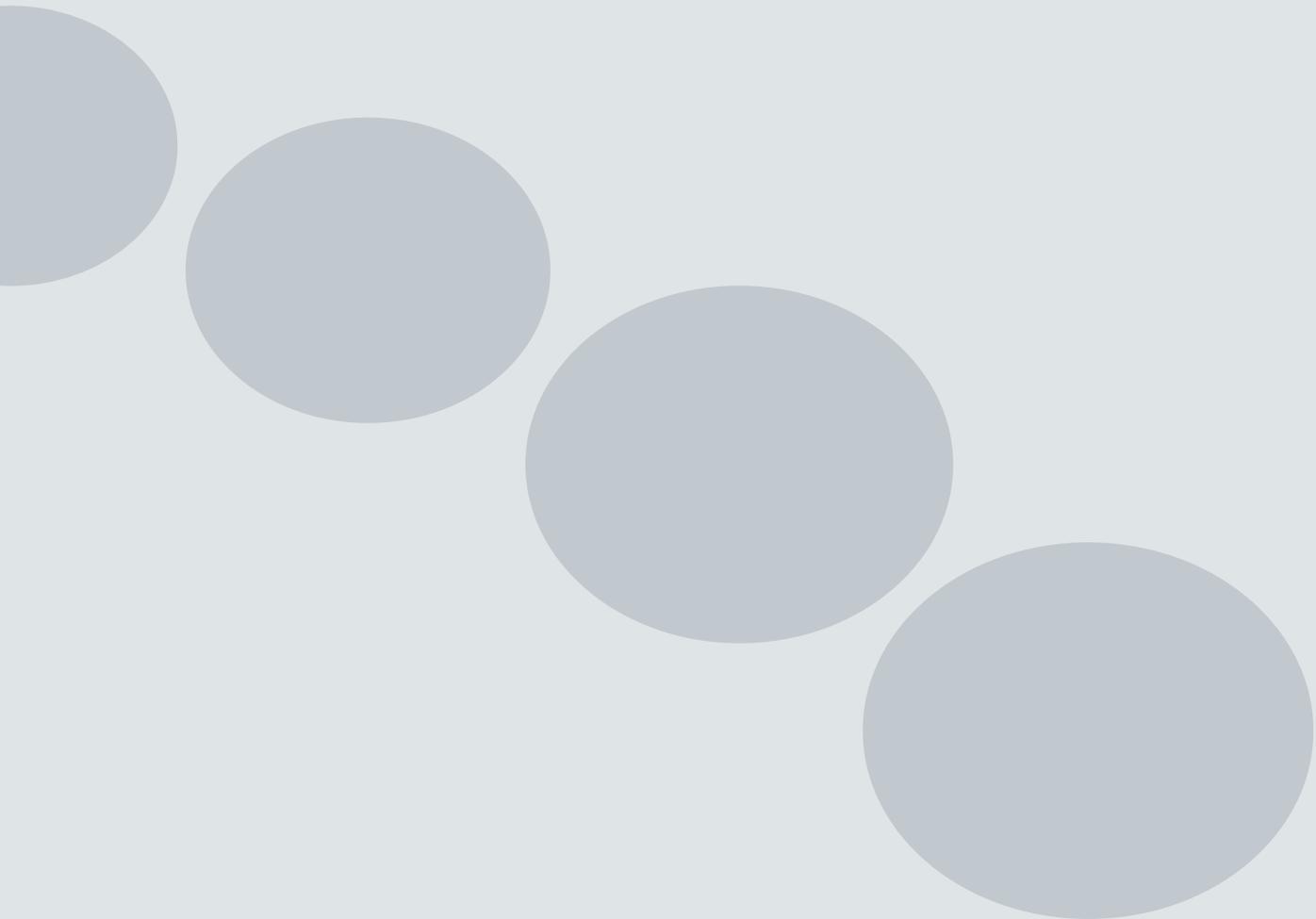
Issue Date: 01/31/2012

This Rating and Classification will Expire: 01/31/2013

Suzanne FR Lucas Prequalification Officer

Don E. Sikes, State Contract Officer

APPENDIX E





November 4, 2013

Commonwealth of Virginia
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

RE: Abernathy Construction Corporation- Bonding Capability

Project: I-95 at Temple Avenue Interchange Improvements— A Design Build Project
Colonial Heights, VA
State Project No.: 0095-106-122
Federal Project No.: NH-095-1 (328)
Contract ID No.: C00085623DB74
Estimated Project Amount: \$12,000,000

To Whom It May Concern:

Abernathy Construction Corporation has been a valued client of BB&T Insurance Services and Travelers Casualty & Surety Company of America for more than twenty years.

Abernathy Construction Corporation is capable of obtaining a 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.

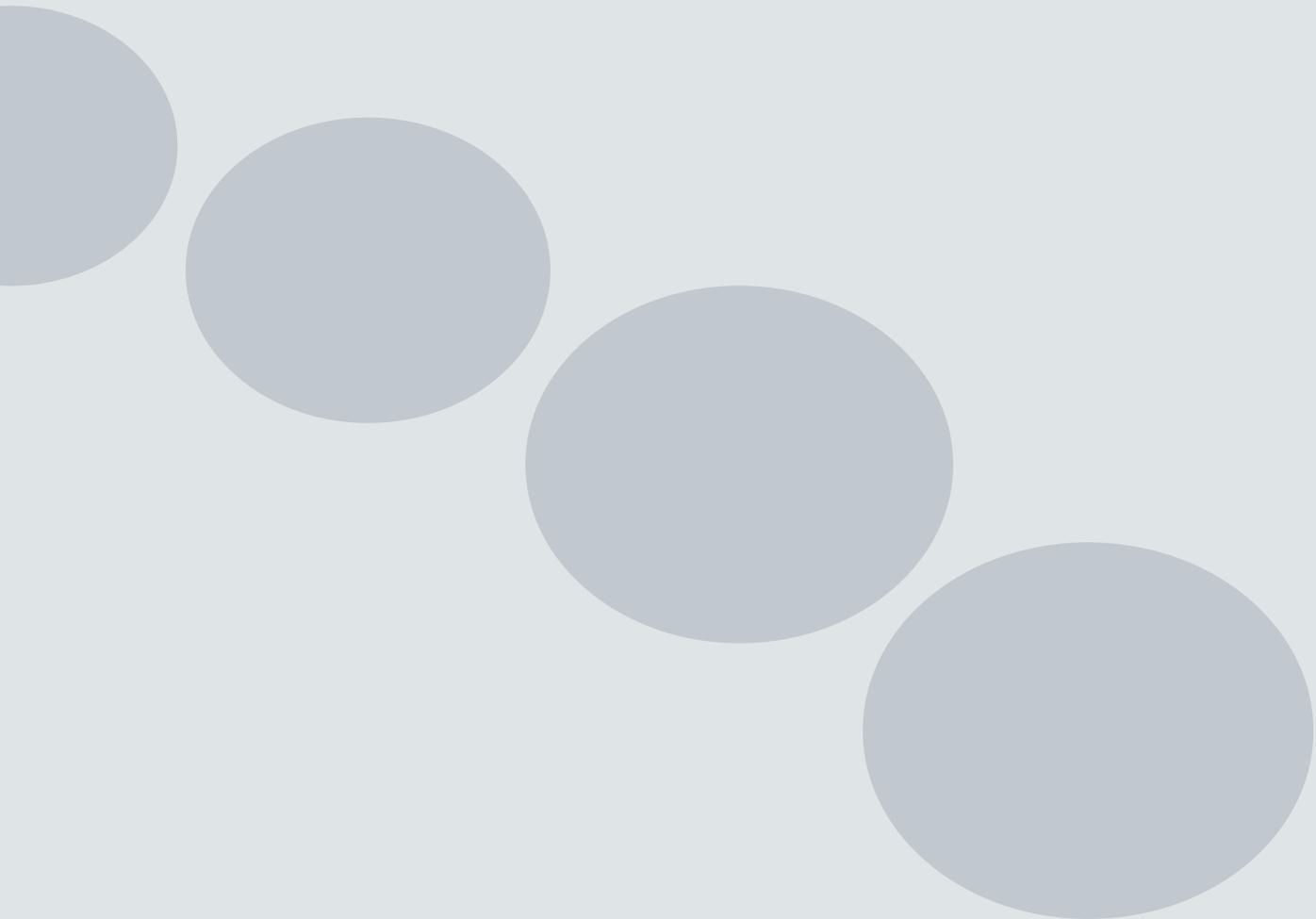
Travelers Casualty and Surety Company of America maintains an A.M. Best Financial Strength Rating of A+ and Financial Size Category XV, and is licensed to transact surety business in the Commonwealth of Virginia. Travelers Casualty & Surety Company of America is listed on the U.S. Department of Treasury's list of acceptable sureties.

Should you have any questions, please feel free to contact me.

Very truly yours,

Veronica Hodkin Fox
Attorney-In-Fact for Travelers Casualty & Surety Company of America

APPENDIX F



ATTACHMENT 3.2.10

State Project No. 0095-106-122

SCC and DPOR Information

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

SCC & DPOR INFORMATION FOR BUSINESSES (RFQ Sections 3.2.10.1 and 3.2.10.2)							
Business Name	SCC Information (3.2.10.1)			DPOR Information (3.2.10.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
Abernathy Construction Corp.	0131534-0	S, Corporation	Active	PO Box 1041 Glen Allen VA 23060	Contractor	270 1011256	12-31-2014
Timmons Group, Inc.	0264043-1	S, Corporation	Active	Timmons Group, Inc. 1001 Boulders Parkway Suite 300 Richmond, VA 23225	PE/LS/LA	0405 0000456	12-31-2013
				Timmons Group, Inc. 117 S. 14th Street, Suite 303 Richmond, VA 23219	PE/LS/LA	0410 000111	02-28-2014
				Timmons Group, Inc. 430 Southlake Blvd, Suites 14 & 15B Richmond, VA 23236	PE	0410 000160	02-28-2014
				Timmons Group, Inc. 919 2nd Street S.E Charlottesville, VA 22902	PE	0410 000161	02-28-2014
				Timmons Group, Inc. 4701 Owens Way, Suite 900 Prince George, VA 23875	PE	0410 000020	02-28-2014
				Timmons Group, Inc. 208 Golden Oak Court, Suite 230 Virginia Beach, VA 23452	PE	0410 000169	02-28-2014

ATTACHMENT 3.2.10

State Project No. 0095-106-122

SCC and DPOR Information

				Timmons Group, Inc. 20098 Ashbrook Place, Suite 195 Ashburn, VA 20147	PE	0410 000133	02-28-2014
NXL Construction Services, Inc.	03497427	Corporation	Active	114 Cary Street Suite 200 Richmond, VA 23219	PE, LS	0407 003031	12-31-13
Accompong Engineering Group LLC	S283521-5	LLC	Active	9510 Iron Bridge Rd Suite 200 Chesterfield, VA 23832	PE	0407 005442	12-31-13
Knight, Dorin & Rountrey, Inc. c/b/a: KDR Real Estate Services, Inc.	0281584-3	Corporation	Active	9097 Atlee Station Road Suite 103 Mechanicsville, VA 23116	Appraisal Business	4008 000303	12-31-13
Zannino Engineering	0438706-4	Corporation	Active	9915 Greenwood Road Glen Allen, VA 23060	PE	0407 003572	12-31-13

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
NXL Construction Services, Inc.	Michael Saunders	Richmond VA	4500 Litchfield Drive Chesterfield VA 23832	PE	0402 041295	12-31-13
Timmons Group	Christopher Kiefer	Richmond, VA	1001 Boulders Parkway, Suite 300 Richmond, VA 23225	PE	0402023346	6-30-2014
KDR Real Estate Services, Inc.	Allan Dorin	Glen Allen, VA	2500 Grenoble Road Richmond, VA 23294	Principal Broker	0225 108043	03-31-15



Commonwealth of Virginia State Corporation Commission

CISM0180

CORPORATE DATA INQUIRY

11/04/13

14:26:01

CORP ID: 0131534 - 0 STATUS: 00 ACTIVE STATUS DATE: 06/01/12

CORP NAME: ABERNATHY CONSTRUCTION CORPORATION

DATE OF CERTIFICATE: 04/15/1971 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: DEBORAH ABERNATHY

STREET: WINFREY RD.

AR RTN MAIL:

P.O. BOX 1041

CITY: GLEN ALLEN

STATE : VA ZIP: 23060

R/A STATUS: 2 OFFICER

EFF. DATE: 03/04/87 LOC : 143

ACCEPTED AR#: 213 06 0640 DATE: 03/25/13

HENRICO COUNTY

CURRENT AR#: 213 06 0640 DATE: 03/25/13 STATUS: A ASSESSMENT INDICATOR: 0

YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES

13 100.00

500

(Screen Id:/Corp_Data_Inquiry)

Commonwealth OF Virginia



State Corporation Commission

CERTIFICATE OF GOOD STANDING

I Certify the Following from the Records of the Commission:

That Timmons Group, Inc. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is November 30, 1984;

That the period of its duration is perpetual; and

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

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
August 1, 2013*

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

Commonwealth of Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

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

The date of incorporation is November 17, 1989.

Nothing more is hereby certified.

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



Joel H. Peck

Joel H. Peck, Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, February 17, 2009

This is to certify that the certificate of organization of

Accompong Engineering Group, LLC

was this day issued and admitted to record in this office and that the said limited liability company is authorized to transact its business subject to all Virginia laws applicable to the company and its business. Effective date: February 17, 2009



State Corporation Commission

Attest:

Joel H. Beck
Clerk of the Commission

Please note: The SCC website will be unavailable Thursday, November 21, from p.m. for system maintenance. We apologize for the inconvenience and appreciate your patience.

S
Cor

Virg

CISM0180

CORPORATE DATA INQUIRY

11/19/13

09:49:20

CORP ID: 0281584 - 3 STATUS: 00 ACTIVE STATUS DATE: 05/19/95
CORP NAME: KNIGHT, DORIN & ROUNTREY, INC.

DATE OF CERTIFICATE: 01/30/1986 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: EDWARD G KNIGHT

STREET: 9097 ATLEE STATION RD STE 103 AR RTN MAIL:

CITY: MECHANICSVILLE STATE : VA ZIP: 23116
R/A STATUS: 2 OFFICER EFF. DATE: 08/06/06 LOC : 142
ACCEPTED AR#: 213 02 6177 DATE: 01/23/13 HANOVER COUNTY
CURRENT AR#: 213 02 6177 DATE: 01/23/13 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
14 100.00 100.00 200

(Screen Id:/Corp_Data_Inquiry)

*Certified True Copy
Richard F. Faust*

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, December 22, 1994

This is to Certify that the certificate of incorporation of

ZANNINO ENGINEERING, INC.

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

December 22, 1994



State Corporation Commission

William J. Bridge

Clerk of the Commission

DPOR OFFICES

Abernathy Construction Corp.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION		
COMMONWEALTH OF VIRGINIA		
EXPIRES ON 12-31-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 2701011256
BOARD FOR CONTRACTORS CLASS A CONTRACTOR "CLASSIFICATIONS" H/H		
ABERNATHY CONSTRUCTION CORP PO BOX 1041 GLEN ALLEN, VA 23060		
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE LAWS OF VIRGINIA.</small>		  Gerald R. Dixon, Director

DPOR OFFICES

Timmons Group, Inc.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 12-31-2013	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0405000456
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS		
PROFESSIONS: ENG, LS		
PROFESSIONAL CORPORATION REGISTRATION		
TIMMONS GROUP INC 1001 BOULDERS PKWY STE 300 RICHMOND, VA 23225		  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000111
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS		
PROFESSIONS: ENG		
PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
TIMMONS GROUP INC 117 SOUTH 14TH ST STE 303 RICHMOND, VA 23219		  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DPOR OFFICES

Timmons Group, Inc.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000161
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
PROFESSIONS: LS, ENG		
TIMMONS GROUP INC 919 2ND ST SE CHARLOTTESVILLE, VA 22902		  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000020
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
PROFESSIONS: ENG, LS		
TIMMONS GROUP INC 4701 OWENS WAY SUITE 900 PRINCE GEORGE, VA 23875		  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DPOR OFFICES

Timmons Group, Inc.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000169
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS		
PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
PROFESSIONS: ENG	TIMMONS GROUP INC 208 GOLDEN OAK CT STE 230 VIRGINIA BEACH, VA 23452	  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000133
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS		
PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
PROFESSIONS: ENG	TIMMONS GROUP INC 20098 ASHBROOK PL STE 195 ASHBURN, VA 20147	  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DPOR OFFICES

Timmons Group, Inc.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 02-28-2014	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0410000160
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS PROFESSIONAL CORPORATION BRANCH OFFICE REGISTRATION		
PROFESSIONS: ENG	TIMMONS GROUP INC 430 SOUTHLAKE BLVD SUITE B-15 RICHMOND, VA 23236	  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

NXL Construction Services

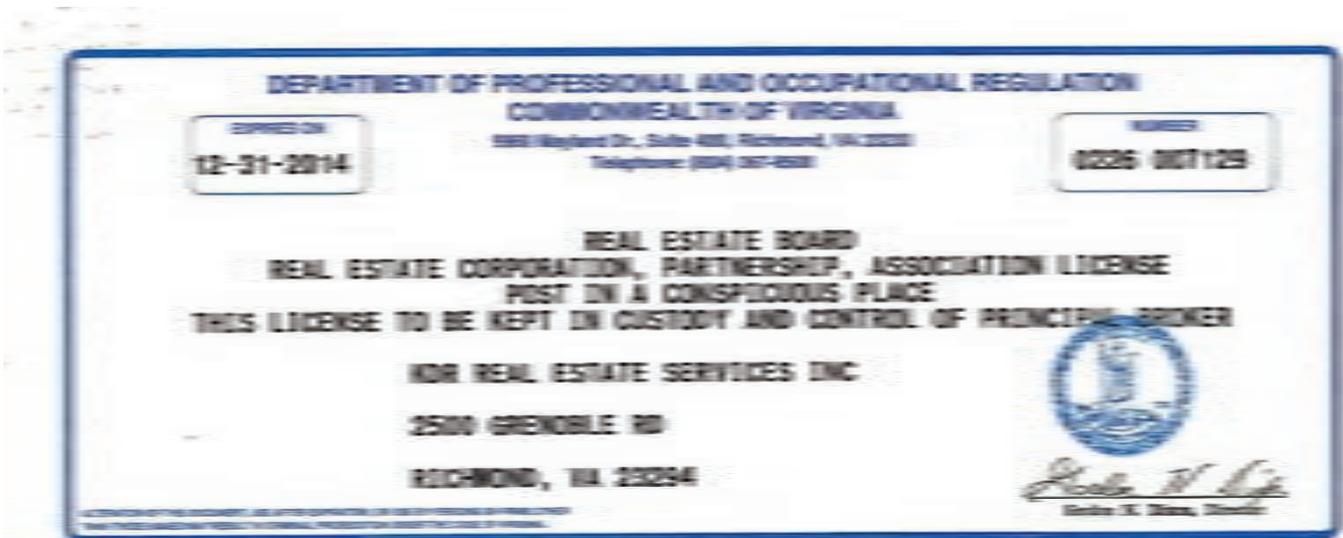
DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION COMMONWEALTH OF VIRGINIA		
EXPIRES ON 12-31-2013	9960 Mayland Dr., Suite 400, Richmond, VA 23233 Telephone: (804) 367-8500	NUMBER 0407003031
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS BUSINESS ENTITY REGISTRATION		
PROFESSIONS: ENG, LS	NXL CONSTRUCTION CO INC NXL CONSTRUCTION SERVICES INC 114 E CARY ST STE 200 RICHMOND, VA 23219	  Gordon N. Dixon, Director
<small>ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.</small>		

DPOR OFFICES

Accompong Engineering



KDR



DPOR OFFICES

Zannino

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA
9980 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 267-6500

EXPIRES ON
12-31-2013

NUMBER
0407003572

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

PROFESSIONS: ENG

ZANNINO ENGINEERING INC
9915 GREENWOOD RD
GLEN ALLEN, VA 23060



Stephen R. Black
Director

ALTERATION OF SUBSTANTIVE USE AFTER EXPIRATION OF USE BY PERSONS OR FIRM OR OTHER
TRANSFERS MUST BE MADE BY AN ORIGINAL PROFESSIONAL UNDER THE SEAL OF VIRGINIA.

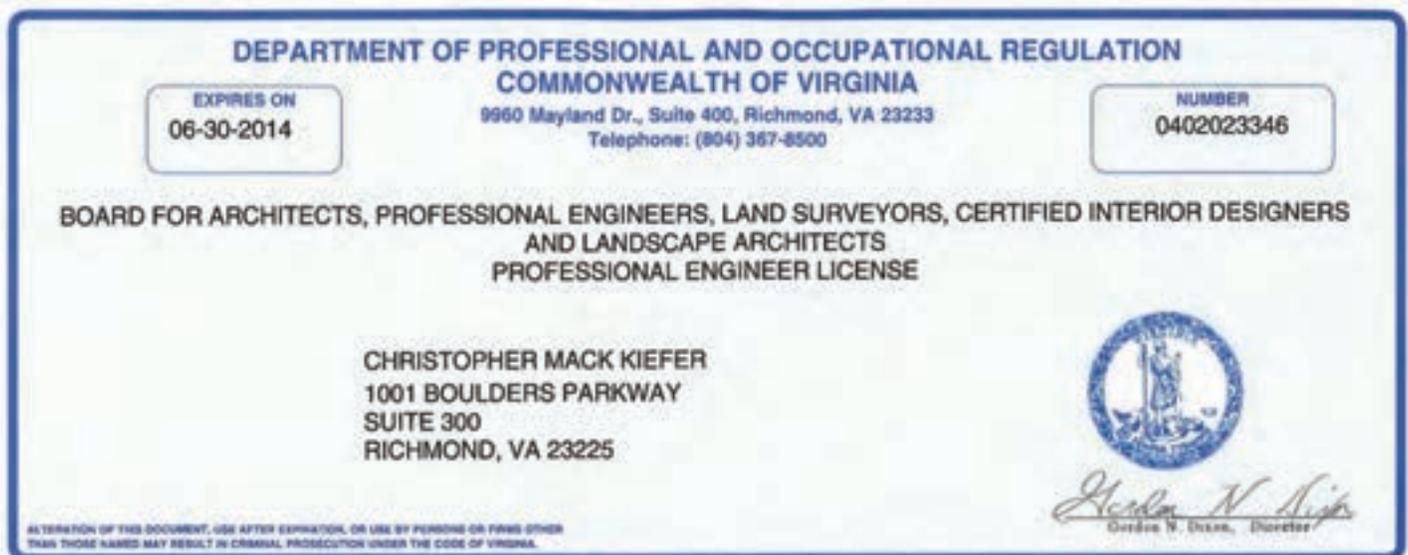
USE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGES

KEY PERSONNEL DPOR REGISTRATION

NXL Construction Services

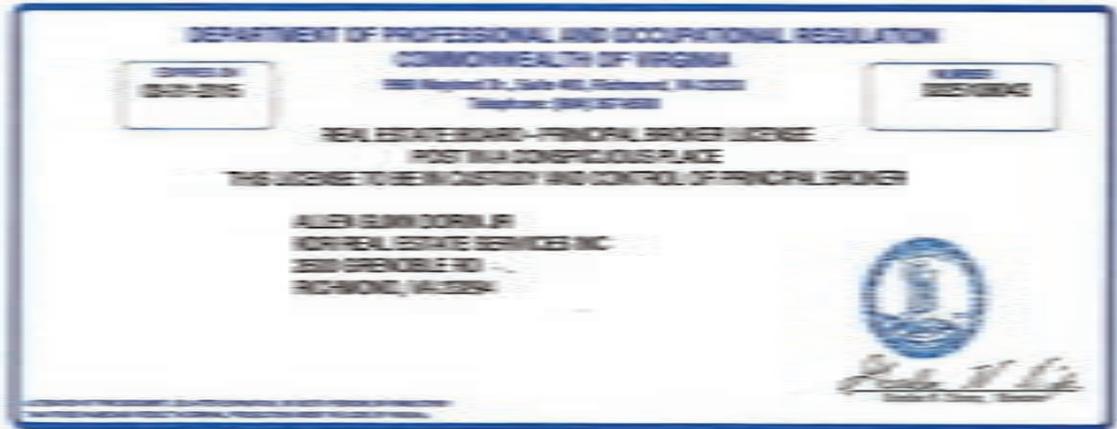


Timmons Group, Inc.

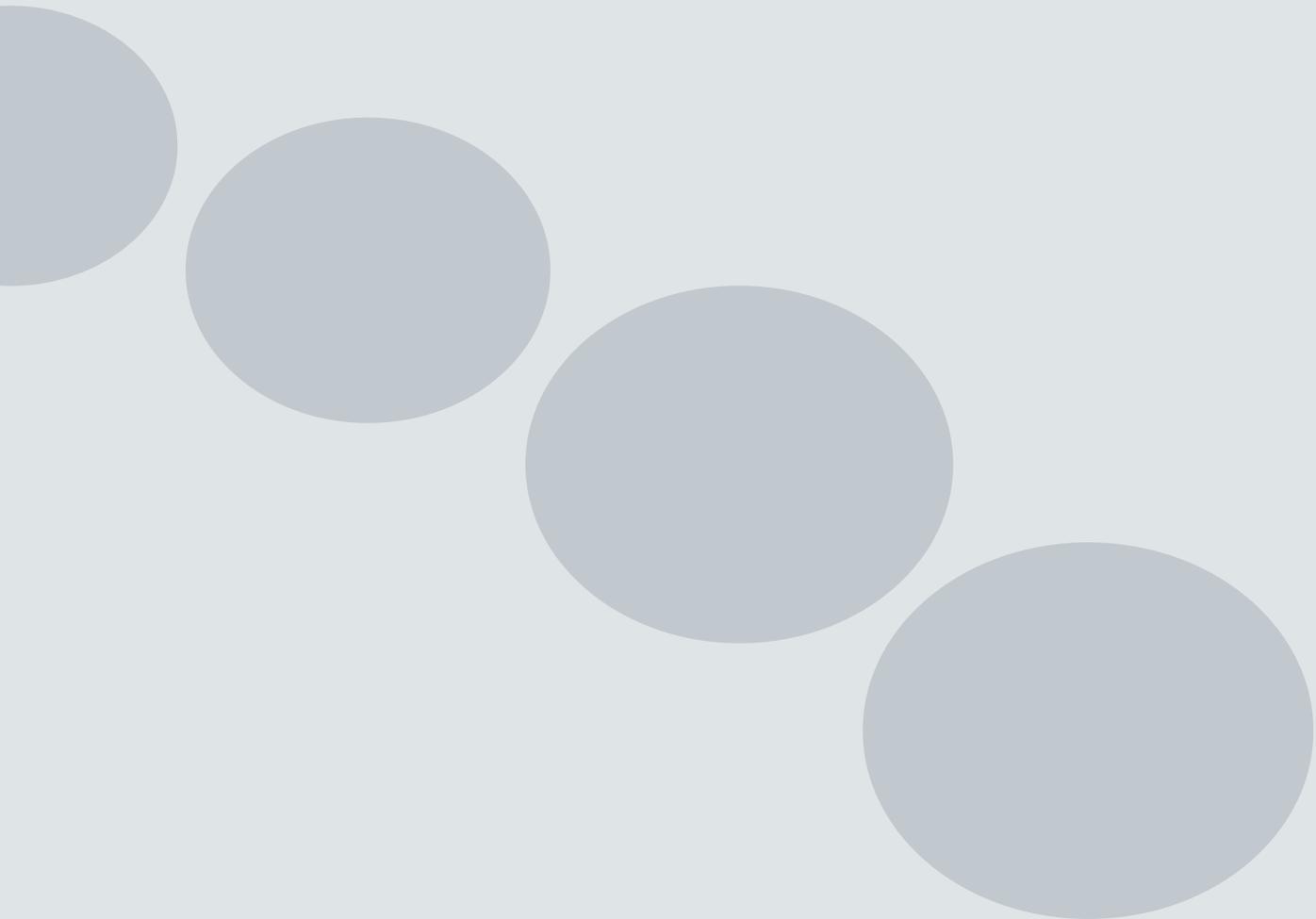


KEY PERSONNEL DPOR REGISTRATION

KDR



APPENDIX G



ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Bobby J. Abernathy, President
b. Project Assignment: Design-Build Project Manager
c. Name of Firm with which you are now associated: Abernathy Construction Corp.
d. Years experience: With this Firm <u>40</u> Years With Other Firms <u>11</u> Years Owner/President, Abernathy Construction Corp.: Responsible for day-to-day operations, client satisfaction, construction quality, maintaining business/permits and licenses. Additionally responsible for preparing proposals, developing subcontractor relationships and contacts, resolving claims or disputes, determining project feasibility, assigning work and finalizing document controls-all in support of roadway, bridge and utility construction projects.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Richmond (Richmond, VA) 1966-1968/Physics Randolph Macon College (Ashland, VA) 1968-1971/Physics Various accredited course work in computer education, safety and CPM Scheduling
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Certification-American Concrete Institute/#01121075
g. Document the extent and depth of your experience and qualifications relevant to the Project. I-95 (0095-106-104, C501, B617), VDOT-City of Colonial Heights, VA: Principal-in-Charge responsible for traffic control on busy interstate and major roadway including lane closures. Ensured appropriate personnel certification in Immediate Work Zone Traffic Control training and that adequate equipment and qualified personnel were assigned to job. Ascertained that adjacent property owners and businesses experienced minimum disruption. Confirmed the appropriate and effective flow of phasing for project. Instituted subcontracts with guardrail, asphalt, traffic lane striping, and utility contractors to accomplish job. Assured coordination of work with subcontractors as well as local law enforcement, local utility department, fire department, and other entities to successfully complete project. This project won VDOT/VTCA's Construction Quality Award in 2008 and also qualified as a VDOT Four Star Recognition Project. <i>Abernathy Construction Corp., March 2007-July 2008</i> Route 624 (0624-079-148, C501, B611), VDOT, Richmond County, VA: Principal-in-Charge responsible for ensuring appropriate personnel certification in Immediate Work Zone Traffic Control training and that adequate equipment and qualified personnel were assigned to job. Ascertained that adjacent property owners experienced minimum disruption. Confirmed the appropriate and effective flow of phasing for project. Instituted subcontracts with guardrail, asphalt, traffic lane striping contractors to accomplish job. Assured coordination of work with subcontractors and local jurisdiction. Verified that quality control plan was provided for concrete samples and testing. This project received a CQIP score of 93.5% and Environmental Excellence recognition from VDOT. <i>Abernathy Construction Corp. March 2007-October 2008</i> Virginia Railway Express Bridge and Approaches, VRE: Principal-in-Charge responsible for ensuring appropriate personnel certification in CSXT's On-Track Worker Safety Training program and that adequate equipment and qualified personnel were assigned to job. Ascertained that adjacent property owners experienced minimum disruption. Confirmed the appropriate and effective flow of phasing for project. Assured coordination of work with subcontractors and CSX Transportation, Possum Point VA Dominion Power Plant, VA Marine Resource, Marine Corp at Quantico, VRE, and local jurisdiction. Ensured successful completion of project on time and within budget. <i>Abernathy Construction Corp., June 2004-May 2007</i> Route 340 (034-136-102,C501,B601),VDOT-City of Waynesboro, VA: Principal-in-Charge responsible for negotiation of successful value engineering proposal for redesigned bridge structure and traffic control on the major city roadways, including land closures. Ensured appropriate personnel certifications in Immediate Work Zone Traffic control training and that adequate equipment and qualified personnel were assigned to job. Ascertained that adjacent property owners and businesses experienced minimum disruption. Confirmed the appropriate and effective flow of phasing for project. Instituted subcontracts with contractors and assured coordination of work with subcontractors as well as local law enforcement local utility departments, fire department and Buckingham Branch Railroad to ensure successful completion of project. <i>Abernathy Construction Corp. August 2008-May 2010</i>

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Michael Saunders, PE, CCM
b. Project Assignment: Quality Assurance Management
c. Name of Firm with which you are now associated: NXL Construction Services, Inc.
d. Years experience: With this Firm <u>2</u> Years With Other Firms <u>12</u> Years Please list chronologically your employment history, position and general experience or fields of practice for the last fifteen(15) years: Name of Firm: NXL, Richmond, Virginia Start Date: 11/2011 End Date: Present Position: Project Manager/Quality Assurance Manager Responsibilities: Mr. Saunders serves as Independent Quality Assurance Manager and Quality Control Manager for Design-Build projects. In addition to his Design-Build duties, Mr. Saunders currently performs Responsible Engineer duties on VDOT's Huguenot Bridge Replacement project (\$50M, estimated completion in 2013). Name of Firm: VDOT, Richmond District Start Date: 5/2011 End Date: 11/2011 Position: Project Control Engineer/Area Construction Engineer Responsibilities: Mr. Saunders was responsible for quality assurance and for coordinating constructability reviews to include developing pre-advertisement schedules and construction sequences; and District Wide NOI and claims analysis. Project assignments included Design Build and Locally Administered Projects. Name of Firm: VDOT, Richmond District Start Date: 1/2007 End Date: 5/2011 Position: Area Construction Engineer, Richmond District, Southern Area Construction Responsibilities: He provided Responsible Charge supervision and technical guidance during project delivery for design-build and design-bid-build projects. He also assisted the Fredericksburg District with a Regional Design-Build Bridge Replacement project. Name of Firm: VDOT, Salem District Start Date: 11/2005 End Date: 1/2007 Position: Construction Project Manager, Salem District, Southern Area Construction Responsibilities: Mr. Saunders supervised all phases of multi-operational roadway and structural construction projects to ensure all work was performed in accordance with project plans, specifications and special provisions. Name of Firm: VDOT, Christiansburg Residency Start Date: 4/2005 End Date: 10/2005 Position: Permits/Subdivision Supervisor Responsibilities: Mr. Saunders was responsible subdivision, rural streets and land use permit programs. Name of Firm: VDOT, Salem District Start Date: 3/2004 End Date: 4/2005 Position: Architect/Engineer I Responsibilities: Mr. Saunders assisted in the Land Development and Maintenance Program Operations. Name of Firm: VDOT, Salem District Start Date: 6/2001 End Date: 2/2004 Position: Transportation Engineer Associate Responsibilities: Mr. Saunders completed the Associate Engineers Program at the Christiansburg Residency.
e. Education: Degree(s)/Year/Specialization: Virginia Tech / BS / 2001 / Civil Engineering /
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2005 / Professional Engineer / VA / 0402041295
g. Document the extent and depth of experience and qualifications relevant to the Project.

Project: VDOT Route 36 Design Build Improvements, Richmond District

Name of Firm: NXL Construction Services, Inc. **Start Date:** 12/2011 **Finish Date:** 2013

Project Role: Quality Assurance Manager (QAM)

Responsibilities: Construction of improvements to Routes 36 and 144 near Fort Lee in Prince George County. The project includes improvement to approximately 0.9 mile of Route 36 and approximately 0.5 miles of Route 144. Mr. Saunders serves as the project's Quality Assurance Manager where he is responsible for:

- Preparation of project's Quality Assurance and Quality Control Plans.
- Oversight of QA program, including performance and coordination of QA testing and inspection.
- Monitoring QC program and liaising with VDOT with respect to project compliance.
- Approving QC Plan for staffing and testing before submission to VDOT
- Project documentation including diaries, materials reports, as-builts, requisitions, and final records.
- Managing the project QA staff to ensure compliance with contract, plans, and specifications.

Project: VDOT I-295/Meadowville Interchange, Richmond District

Name of Firm: NXL Construction Services, Inc. **Start Date:** 11/2011 **Finish Date:** 12/2011

Project Role: Quality Control Manager (QCM)

Responsibilities: Mr. Saunders served as the Quality Control Manager (QCM) reporting to the Construction Manager, while in parallel reporting all sampling, testing, visual inspections, certifications, and daily diaries to the QAM. He led the QC team and directed the activities of the QC staff. Other duties included:

- Leading all preparatory inspection meetings.
- Coordinating with QAM to monitor the installation and maintenance of erosion and sediment controls.
- Coordinating with the CM to monitor work zone safety and traffic management plans.
- Coordinating with the QC testing firm to ensure conformance with VDOT 2008 design-build guidelines.
- Managing the QC staff to ensure compliance with contract, plans, and specifications.

Project: VDOT I-295/Meadowville Interchange, Chesterfield Virginia

Name of Firm: Virginia Department of Transportation **Start Date:** 4/2011 **Finish Date:** 11/2011

Project Role: Area Construction Engineer/Project Manager

Responsibilities: VDOT's Project Manager during final design and phase 1 construction a cloverleaf interchange. Duties included attending regularly scheduled progress meetings, reviewing project documentation, reviewed and approved pay applications and coordinated IA/IV testing. After leaving VDOT, Mr. Saunders continued duties as Quality Control Manager for this project with NXL, seeing the project through to close out.

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

Name of Firm: Virginia Department of Transportation **Start Date:** 4/2010 **Finish Date:** 11/2011

Project Role: Project Manager

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

Project: Route 10 Widening & Bridge Replacement, Chesterfield Virginia

Name of Firm: VDOT/NXL Construction Services, Inc. **Start Date:** 4/2011 **Finish Date:** 6/2013

Project Role: Area Construction Engineer/Responsible Engineer

Responsibilities: Responsible engineer overseeing the construction of this project which includes coordination with Chesterfield County, the contractor, Dominion Virginia Power, CSX railroad and the FHWA. **Mr. Saunders remained in the same role on this project when he transitioned from VDOT to consultant firm.*

ATTACHMENT 3.2.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Christopher Kiefer, PE, Sr. Project Manager
b. Project Assignment: Design Manager
c. Name of Firm with which you are now associated: Timmons Group, Inc.
d. Years experience: With this Firm <u>25</u> Years With Other Firms <u>0</u> Years Please list chronologically your employment history, position and general experience or fields of practice for the last fifteen(15) years: Timmons Group, Inc., April 2003-Present, Group Leader for Transportation Timmons Group, Inc., September 1994-April 2003, Assistant Department Manager for Transportation Timmons Group, Inc., September 1990-September 1994, Project Manager, Transportation Timmons Group, Inc. January 1988-September 1990, Project Engineer, Transportation
e. Education: Degree(s)/Year/Specialization: BS/1988/Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1991/Professional Engineer/VA/#023346
g. Document the extent and depth of experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.) Annual Contract for Central Region On Call Traffic and Transportation, VDOT: Chris is the Contract Manager for this annual, on-call contract while employed at Timmons Group. He previously and currently completes engineering design services, from survey through construction assistance, for a wide variety of transportation improvements. The projects Chris is in charge of include corridor and alignment studies, roundabout analyses, roundabout design, intersection improvements, sidewalk projects, traffic signal design/analyses, and the design of interstate interchange modifications. <i>Timmons Group, 2011 – Present</i> Route 288 and Route 60 Improvements, Chesterfield, VA: Chris was Project Manager for this transportation project located in and around the Route 288/60 interchange in western Chesterfield. Chris was in charge of all aspects of the design development for this project, which included the design of a major widening (four lanes to eight lanes) of Route 60; extension of an existing collector/distributor roadway system along southbound Route 288 that included the design of four new on/off ramps; design of a new four lane divided access road connecting Route 288 to Route 60; design of four new multi-lane roundabouts for access to developed and undeveloped tracts of land; and the design of the largest traffic signal in the Richmond District at Route 60 and Watkins Centre Parkway. <i>Timmons Group, 2007 – 2010</i> Meadowville Parkway, Chesterfield, VA: Chris is the Project Manager for transportation improvements at the County's Meadowville Tract (1500 acre industrial park). Chris's duties included design of two industrial access roads; preparation of 30% plans (bridging documents) for a VDOT D-B interchange improvement plan at I-295/Meadowville Road; design of a major road widening (two to four lanes) along Meadowville Road; design of a multi-lane roundabout at Meadowville Road/Meadowville Technology Parkway; and design of two miles of Meadowville Technology Parkway. Work included utility resolution, major culvert designs, regional stormwater management, and utility design. <i>Timmons Group, 2005 – Present</i>

Route 288/Route 145 Interchange Modifications, Chesterfield, VA: Chris managed the study and resulting design of ramp turn lanes and traffic signal improvements at this interchange. The county and VDOT were experiencing increased traffic volumes and accidents at this intersection. We reviewed several different options (roundabouts, ramps/loops, etc.) but concluded with turn lanes, ramp improvements and two new traffic signals. This project was studied, designed and under construction in less than twelve months. *Timmons Group, 2012 – Present*

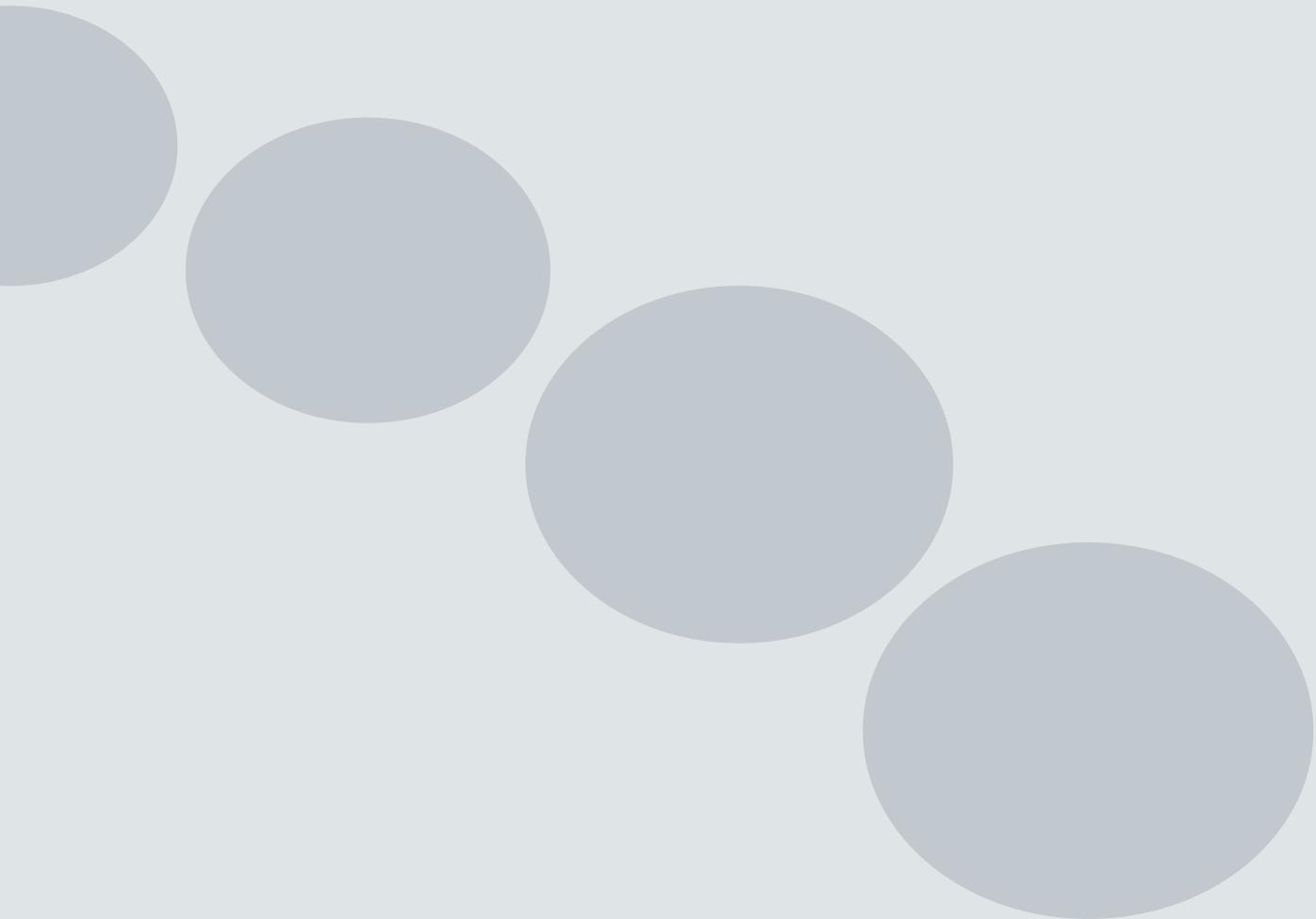
Braddock Road/Pleasant Valley Road, Fairfax, VA: While at Timmons Group, Chris managed the operational analysis and alternative analyses of intersection improvements at Braddock Road/Pleasant Valley Road. The study resulted in moving forward with a roundabout concept. Chris has worked with VDOT to conduct a public hearing, analyze over 700 comments from the public, and prepare bridging documents for this soon-to-be advertised design-build project for VDOT. *Timmons Group, 2012 – Present*

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Richard J. Siford, Senior Project Manager
b. Project Assignment: Construction Manager
c. Name of Firm with which you are now associated: Abernathy Construction Corp.
d. Years experience: With this Firm <u>39</u> Years With Other Firms <u>2</u> Years Senior Project Manager, Abernathy Construction Corp: Responsible for staffing projects, documenting the job progress, ensuring quality construction, mentoring, schedule development, schedule adherence, resource allocation, OSHA compliance, environmental permitting compliance and coordination with subs, VDOT, local jurisdictions and industries including CSXT, Columbia Gas Distribution, Va. Dominion Power, Department of the Navy, VRE, BBRR, Hampton Roads DPU and Henrico Co. VA DPU, to ensure project success. These responsibilities are implemented with every assignment to include bridge projects, roadway projects and utility projects.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Richmond (Richmond, VA) 1965-1968/Liberal Arts Virginia Commonwealth University (Richmond, VA) 1989-1990/English Virginia Polytechnic Institute and State University Transportation Construction Management Institute 2001 Various accredited course work in CPM/Scheduling, Psychology, Literature, and Theology
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Certification- VA DCR Responsible Land Disturber/ # 32547 Certification- VA Division of Mineral Mining General Mineral Miner/ # 3 0016354 Certification- VDOT Erosion and Sediment Control Contractor/ #3589C
g. Document the extent and depth of your experience and qualifications relevant to the Project. I-95 (0095-106-104, C501, B617), VDOT, City of Colonial Heights, VA: Senior Project Manager responsible for subcontract administration; DBE management, quality control, safety and environmental compliance, scheduling, material controls, daily supervision and field lay out. Ensured that scheduled work was coordinated and performed on time in accordance with the project schedule. Interpreted plan sheets, worked with subcontractors and met schedule milestones, monitored job budget and job costs, complied with safety measures and ascertained that the contract specifications were met. Ensured successful completion for project on time and within budget. This project won VDOT/VTCA's Construction Quality Award in 2008 and also qualified as a VDOT Four Star Recognition Project. <i>Abernathy Construction Corp., June 2007-July 2008</i> Route 637 (0637-028-161, M501, B611), VDOT-Essex County, VA: Senior Project Manager responsible for subcontract administration, DBE management, quality control, safety and environmental compliance, scheduling, material controls, daily supervision and field lay out. Monitored job budget, job cost and all facets of the project to ensure that all scheduled work activities were being met and any issues were immediately addressed and resolved with VDOT personnel on the job. Ensured that schedule milestones were met, safety measures were adhered to and quality was maintained. This project was nominated by the district for VDOT/VTCA's Construction Quality Award in 2007. <i>Abernathy Construction Corp., April 2006-June 2007</i> Virginia Railway Express Bridge and Approaches, VRE: Senior Project Manager responsible for subcontract administration, DBE management, quality control, safety and environmental compliance, scheduling, material controls, daily supervision and field lay out. Ensured that scheduled work was coordinated and performed on time in accordance with the project schedule. Interpreted plan sheets, worked with subcontractors and met schedule milestones and coordinated construction activities with CSX Transportation, Possum Point VA Dominion Power Plant, Marine Corp at Quantico, VA Marine Resource and VRE. Monitored job budget and job costs, complied with safety measures and ascertained that the contract specifications were met. Ensured successful completion of project on time and within budget. <i>Abernathy Construction Corp., June 2004-May 2007</i> Bridge Replacement Projects, VDOT Fredericksburg District on Rt. 600 King William Co. and Caroline Co: Each project consists of one bridge and approaches to achieve a new alignment. Value of combined projects is \$3,000,000. Project value was \$570,000 <i>Abernathy Construction Corp., 2013-2012</i> Road, Drainage and Traffic Signalization Design Build, VDOT Richmond District: This was Design Build Project for improvements on Rt. 36 and Rt. 144 in the Hopewell and Fort Lee Area. Project was completed on time. Project value was \$8,600,000. <i>Abernathy Construction Corp., 2012-2010</i>

APPENDIX H



ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR—WORK HISTORY FORM

Work by Lead Contractor—three (3) projects which best illustrate current qualifications relevant to this Project.							
a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
Name: I-95, Project # (FO)0095-106-104,C501,B617 Interstate Ramp from Temple Ave Location: City of Colonial Heights, VA	Please see detailed Narrative below.	Name of Client./ Owner: Virginia Department of Transportation 3301 Speeks Drive Midlothian VA 23112 Phone: 804.674.2452 Project Manager: Scott Fisher, Area Construction Engineer Email: scott.fisher@vdot.virginia.gov	07 / 2008	07 / 2008	\$3,812	\$3,759	\$3,759

b. Narrative describing nature of Firm's Responsibilities

PROJECT DELIVERY METHOD: Bid

SPECIFICATIONS: Interchange Improvements Northbound on Ramp From Temple Avenue (Route 144)

Project Description: The project included the construction of a new 2,900' ramp and a 120' bridge from Temple Avenue west to I-95 north. Heavy traffic, constrained workspace, environmentally sensitive work site over a live stream, adjacent military base, and high public visibility contributed to the challenges of the project.



The project was completed early and under budget. The project had no accidents, and the CQIP scores were 93.02% and 96.3%, qualifying for **VDOT's Four-Star Recognition**.

This project was awarded **VTCA/VDOT's Best State Transportation Construction Project** in 2008, for a visually appealing structure and roadway that improved the level of service to motorists and increased public safety.

Examples of items Abernathy Construction Corporation accomplished during the construction of this project are as follows:

1. Identified and resolved environmental issues during placement of in-stream concrete lined channel
2. Reduced potential E&S concerns and improved stabilization of fill slope by utilizing Pennington Slope Master seed mixture instead of EC-3 as specified on plans
3. Identified and reported potential danger of major gas supply lines within the construction zone
4. Collaborated closely with Columbia Gas Transmission to install a protection system for gas lines
5. Redesigned final plan grades on Temple Avenue to accommodate existing road surface elevations resulting in savings to VDOT
6. Identified an area of roadway on I-95 that did not drain, and revised grade in fill and gore area to allow for positive pavement drainage
7. Coordinated access with several local businesses located adjacent to project site to ensure their customers could reach the businesses
8. Coordinated with City of Colonial Heights, State Police, local law enforcement, fire department, and utilities for lane closures, signal lighting, and other traffic controls resulting in close communication and minimal traffic issues during construction
9. Developed and maintained relationships with private property owners affected by the work site.



ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

Work by Lead Contractor—three (3) projects which best illustrate current qualifications relevant to this Project.							
a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
Name: Route 36, Project # (FO)0036-074-709, P101, R201, C501 Route 36 Improvements Location: City of Hopewell and Prince George County, VA	Please see detailed Narrative below.	Name of Client./ Owner: Virginia Department of Transportation 4608 Boydton Plank Road Petersburg VA 23803 Phone: 804.524.6433 Project Manager: Shane Mann, PE Area Construction Engineer Email: shane.mann@vdot.virginia.gov	11 / 2012 REV. 01 / 2013	01 / 2013	\$8,224	\$8,224 REV. via Work Orders \$8,886	8,886

b. Narrative describing nature of Firm's Responsibilities

Project Delivery Method: Design Build

Specifications: Intersection Improvements at Route 36 (Oaklawn Avenue) and Route 144 (Temple Avenue)

Project Description: The project improved traffic flow at the Sisisky Gate entrance into the Fort Lee military Base by relocating the existing intersection of Routes 36 and 144 away from the Fort Lee entrance. Contract included roadway design, utility relocations, right of way acquisitions, asphalt pavement, pavement markings, traffic signals and signs, maintenance of traffic plans and implementation, environmental permits, E&S controls, storm water management plans, Quality Control, and Quality Assurance. Challenges included heavy traffic, excessive drainage flows, and high public visibility. The project construction was completed early.



Examples of items Abernathy Construction Corporation accomplished during the construction of this project are as follows:

1. Developed and implemented comprehensive MOT to safely construct the new pavement widening and alignment under traffic.
2. Reduced impacts to utilities and reduced cost of drainage by modifying pavement cross slopes through the continuous right turn lane.
3. Reduced overall impervious footprint by utilizing the existing Route 144 westbound pavement where possible.
4. Improved safety by altering the existing roadway geometrics at the eastbound Route 144 connection with Route 36 to provide 50 mph design speed instead of the RFP design speed of 40 mph.
5. Added a parallel storm drain system to increase the capacity through the intersection.
6. Developed a public relations plan, and implemented throughout the project. Close coordination with the US Army and Civilian representatives from Fort Lee, the City of Hopewell, and the surrounding businesses allowed sufficient time to make plans for upcoming work tasks that might impact access or traffic flow.
7. Identified existing pavement failure and submitted repair process to VDOT and FHWA, which included using a Fibermat material over two lanes for 5,000 feet each.
8. Developed a communication web for coordinating with businesses, and provided information as work tasks were planned. This minimized impacts to the businesses and traveling public.



ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR—WORK HISTORY FORM

Work by Lead Contractor—three (3) projects which best illustrate current qualifications relevant to this Project.							
a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
Name: Rt 340, Project #0340-136-102, C501, B601 Rail Bridge Replacement Location: City of Waynesboro, VA	Please see detailed Narrative below.	Name of Client.: Virginia Department of Transportation PO Box 2249 Staunton, VA 24402 Phone: 540.332.9047 Project Manager: Todd Stevens, Area Construction Engineer Email: todd.stevens@vdot.virginia.gov	11 / 2011	05 / 2010	\$9,862	\$9,475	\$9,475

b. Narrative describing nature of Firm's Responsibilities

Project Delivery Method: Bid / Bridge Redesign Value Engineering Proposal

Specifications: Railroad Bridge Replacement and Roadway Improvements on Delphine Ave/Rt 340

Project Description: The project consisted of the replacement of an existing railroad bridge and the improvements to the roadway under the bridge. The roadway improvements included regrading to provide appropriate clearance under the bridge, new drainage structures, and complete streetscape reconstruction of approximately 0.22 kilometers. Retaining walls around adjacent properties were required to accommodate the regrading of the roadway.

Due to budget limitations identified prior to project award, VDOT did not think they could award this contract. Abernathy developed a value-engineering proposal that offered a redesigned bridge replacement. The redesigned bridge lowered the project cost by \$400,000 which brought the project cost within VDOT's budget, and allowed VDOT to award the contract.

Abernathy received special acknowledgement from VDOT/VTCA for their innovative redesign.



Examples of items Abernathy Construction Corporation accomplished during the construction of this project are as follows:

1. Developed bridge redesign VEP which allowed VDOT to move forward with the much needed project within their budget
2. Shortened the construction time by seventeen months, which reduced impacts to the railroad, businesses, and traveling public
3. Simplified the structure installation which reduced the railroad service closures
4. Coordinated access with several local businesses adjacent to project site to ensure customer access was identified and maintained
5. Partnered with City of Waynesboro, local law enforcement, fire department, and utilities for street closures and other traffic controls
6. Developed and maintained relationships with private property owners affected by the work site, and worked with them to establish long term traffic detours to minimize impact
7. Coordinated the work with Buckingham Branch Railroad to keep the project moving without impacting rail usage, train schedules, or closures.

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

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-95/Russell Road Interchange Improvements (Design-Build) Location: Quantico, VA	Name: Hensel Phelps Construction Company	Name of Client.: Hensel Phelps Construction Co. Phone: 703.828.3200 Project Manager: Andrew George Phone: 702.828.3200 Email: ageorge@henselphelps.com	09 / 2011	09 / 2011	\$315,000 (total facility; \$10,000 roadway improvements)	\$315,000 (total facility; \$10,000 roadway improvements)	\$800

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.

Timmons Group staff from the Richmond, Virginia offices, as part of the Hensel Phelps design-build team, provided civil engineering, environmental, landscape architecture and land surveying services for the \$315 million MDIA Headquarters at Marine Corps Base Quantico. Transportation aspects of this project included the following:

- Widening over two (2) miles of Russell Road from a 2-lane rural to a 4-lane urban section;
- Designing nearly 1,000' of new 4-lane roadway and turn lane improvements as a connector road to the new facility;
- Upgrading an existing 2-lane bridge to a new 3-lane bridge founded on drilled shaft pilings with scour countermeasures and other safety features;
- Increasing the capacity of the I-95 interchange (Exit 148) by widening and reconfiguring the existing ramps to accommodate the increased traffic demands associated with the new facility;
- Designing five (5) new signalized intersections, three (3) coordinated signals associated with the interchange and two (2) adjacent to Quantico's main entrance;
- Incorporating 600' of roadside retaining walls due to limited right-of-way availability and to minimize impacts to park land;
- Resurfacing and rehabilitating bituminous roadways to comply with applicable VDOT and UFC standards;
- Developing extensive drainage improvements and stormwater management facilities to satisfy Virginia stormwater regulations;
- Developing and presenting multiple geometric design options to protect stakeholder interests;
- Identifying environmental constraints, including the endangered small whorled pogonia and extensive waters of the U.S. located within the project footprint and utilizing the appropriate avoidance and minimization techniques to obtain the necessary environmental permits;
- Protecting and relocating MCBQ fiber optic lines and private utilities to accommodate roadway improvements;
- Preparing a "Type C" (most stringent VDOT requirement) Transportation Management Plan (TMP) that includes detailed traffic operations modeling and maintenance of traffic plans illustrating how lane closures will impact traffic operations (sensitive to Interstate 95 traffic);
- Developing traffic signal timing plans for three (3) temporary signals necessitated by lane closures and limited ramp capacity during key stages of construction;
- Mitigating poor subsurface conditions, including high groundwater, corrosive Quantico slate and unforeseen buried debris; and
- Meeting the needs and expectations of numerous stakeholders including NAVFAC Washington, A/E#1 (NAVFAC's consultant), MCBQ (users and security personnel), ROICC office, VDOT, GEC (VDOT's "general engineering consultant"), Hensel Phelps, multiple architects and other subcontractors.



ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

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: RT 288/RT 60 Interchange Improvements Location: Chesterfield County, VA	Name: American Infrastructure 301 Concourse Blvd. Suite 300 Glen Allen, VA 23059	Name of Client.: Zaremba-Metropolitan Phone: (703) 442-9500 Project Manager: Wayne Barber Email:wbarber@metropolitanpartnership.com	11 / 2009	01 / 2010	\$10,500	\$11,100	\$500

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.

Timmons Group provided engineering design and surveying services for over \$10M worth of roadway improvements associated with 4 million square feet of office/retail development at the interchange of Route 60 and Route 288 in Chesterfield County. The roadway work includes:

- US Route 60 – This work included the transformation of an existing four-lane divided rural principal arterial roadway into an eight-lane urban corridor;
- Watkins Centre Parkway – This work includes 3,000 feet of new four-lane divided urban collector as well as the widening of over 2,500 feet of existing roadway and the design of four multi-lane roundabouts;
- VA Route 288 – This work includes approximately 10,000 feet of widening along this limited access highway including collector-distributor roadways, four new ramps and ramp connections.; and
- Coordinated the bridge widening of WB Route 60.

Project Highlights

Worked with four developers and their engineers to incorporate all interests into one comprehensive and coordinated project. Coordinated with various utility companies to establish what facilities were in the corridors and to design around their utilities so that the corridor could be developed on schedule. The double-lane roundabouts were a first for Chesterfield County. The MOT plan fell under the requirements of the new (at the time) VDOT TMP requirements. The project is being financed through a Community Development Authority (CDA).

Services

- | | |
|---|---|
| <ul style="list-style-type: none"> • Coordination with VDOT and County staff • Roadway Design for improvements to Primary Rd • Roundabout Design for 4) Multi-Lane • Interchange Design Modifications • Stormwater Management • Collector/Distributor Roadway Design • Drainage Design (storm sewer, major culverts, etc.) | <ul style="list-style-type: none"> • Survey and Base Mapping • Utility Coordination / Utility Design • Traffic Signal Design at Route 60 and Watkins Center Pkwy • Pavement Markings Design • Maintenance of Traffic Design • Landscaping Design • Cost Estimating |
|---|---|



ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

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: Meadowville Technology Parkway (Phases 1 and 2) Location: Chesterfield County, VA	Name: George Nice & Sons, Inc. 129 Industrial Blvd. Toano, VA 23168 and Branscome Richmond 2150 Ashland Road Rockville, VA 23146	Name of Client.: Chesterfield County Economic Development Authority Phone: 804.318.8550 Project Manager: Garrett Hart Phone: 804.318.8550 Email: hartga@chesterfield.gov	08 / 2012	08 / 2012	\$7,370	\$7,454	\$700 (design and construction administration)

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.

The Meadowville Technology Parkway project consisted of the following transportation elements:

- Transportation analyses of the 1,500 acre tract of land;
- Widening of an existing secondary roadway (Route 618) from 2 to 4 lanes;
- Construction of a new dual lane urban roundabout for intersection control; and
- Construction of approximately 2 miles of new 4-lane divided Parkway curb and gutter road.

Approximately one mile of the Parkway, the widening of the existing road and the roundabout were all constructed under one contract with George Nice & Sons. The second mile of the Parkway was constructed under a separate contract with Branscome Richmond in order to meet schedule requirements.

The design of the improvements included bike accommodations and separate pedestrian accommodations (sidewalks) along the corridor.

The storm sewer system developed was sized to allow for the undeveloped parcels in the area to drain into one storm sewer system that will be conveyed to a regional stormwater management facility thus leaving more land for development.

The project included coordination with site developers, utility companies, Chesterfield County and VDOT.

The utility coordination included adjustments to existing lines as well as providing a road map for new utilities to serve the area.

The project included design and implementation of an irrigation system and landscape design for the corridors as well as the street lighting of the Parkway.

The project included a Traffic Management Plan, pavement markups, drainage (regional to a BMP and local), US Army Corps of Engineers/Virginia Department of Environmental Quality permitting; Virginia Stormwater Management Plan permitting and design of a waterline to serve the property adjacent to the roadways.

Prior work for the County in the area that was performed by Timmons Group included:

- Designing the initial two lane industrial access roadway from the I-295 limited access right of way to the east;
- Designing an industrial access three lane cul-de-sac roadway off the initial industrial access road; and
- Preparing 30% RFP bridging documents for the VDOT Design-Build Interstate 295/Route 618 (Meadowville Road) Interchange project.

