

STATEMENT OF QUALIFICATIONS

**CONTRACT NO. 4400027349
CALCASIEU RIVER BRIDGE (HBI)
(CE&I)
ROUTE: I-10
STATE PROJECT NO. H. 003931.6**

July 20th 2023



Submitted by: **IE INFRASTRUCTURE**
CONSULTING & ENGINEERING



July 20, 2023

Louisiana Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA 70802

RE: **Contract No.4400027349**
Statement of Qualifications – CALCASIEU RIVER BRIDGE (HBI) (CE&I)
ROUTE: I-10

Dear Selection Committee:

Infrastructure Consulting & Engineering, PLLC (ICE) appreciates the opportunity to submit the attached 24-102 DOTD Form in response to your request for qualifications to assist the Louisiana Department of Transportation and Development with performing construction engineering and inspection services for the construction of the new Calcasieu River Bridge in Lake Charles, LA .

As demonstrated in this submittal, *the ICE Team has significant CE&I experience* and extensive knowledge and expertise with projects of similar scope and size. We have worked on numerous Design-Build and Public Private Partnership projects in other states. The depth and breadth of our team will provide LaDOTD with *ample resources for a project of this size and scope*. All proposed staff assigned to provide CE&I services for these projects were selected because of their qualifications, experience, knowledge of LADOTD requirements, availability AND for their successful delivery of CE&I services on previous contracts.

Should you require any additional information, please do not hesitate to contact me anytime at (843)-200-6196 (direct) or billy.coleman@ice-eng.com.

Respectfully Submitted,



Infrastructure Consulting & Engineering, PLLC
William L. Coleman, III, PE
Executive Vice President / Chief Operations Officer

SECTIONS 1 – 11

PROPOSAL TO PROVIDE CONSULTANT SERVICES

1. Contract title as shown in the advertisement	CALCASIEU RIVER BRIDGE (HBI) (CE&I)
2. Contract number(s) as shown in the advertisement	4400027349
3. State Project Number(s), if shown in the advertisement	H.003931.6
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Infrastructure Consulting & Engineering, PLLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF 6428
6. Prime consultant mailing address	4000 S. Sherwood Forest Boulevard Suite 301, Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	4000 S. Sherwood Forest Boulevard Suite 301, Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	William Coleman, III, PE – Executive Vice President / Chief Operations Officer, 843-200-6196, billy.coleman@ice-eng.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	William Coleman, III, PE – Executive Vice President / Chief Operations Officer, 843-200-6196, billy.coleman@ice-eng.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.



Signature above shall be the same person listed in Section 9:

Date: **July 20, 2023**

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):

LaTerre Engineering, LLC

Urban Systems, Inc.

Firm(s)' %:

8.4%

1.9%

SECTION 12: PAST PERFORMANCE EVALUATION DISCIPLINE TABLE

12. PAST PERFORMANCE EVALUATION DISCIPLINE TABLE

Past Performance Evaluation Discipline(s)	% of Overall Contract							Each Discipline must total to 100%
CE&I/OV	84%	56%	15%	20%	0%	9%	0%	100%
Design Reviews	10%	70%	0%	20%	0%	0%	10%	100%
CPM	2%	100%	0%	0%	0%	0%	0%	100%
Environmental	1%	80%	20%	0%	0%	0%	0%	100%
Survey	3%	10%	0%	0%	90%	0%	0%	100%
Percent of Contract	100%	56%	13%	18%	3%	9%	1%	100%

SECTION 13: FIRM SIZE

13. FIRM SIZE

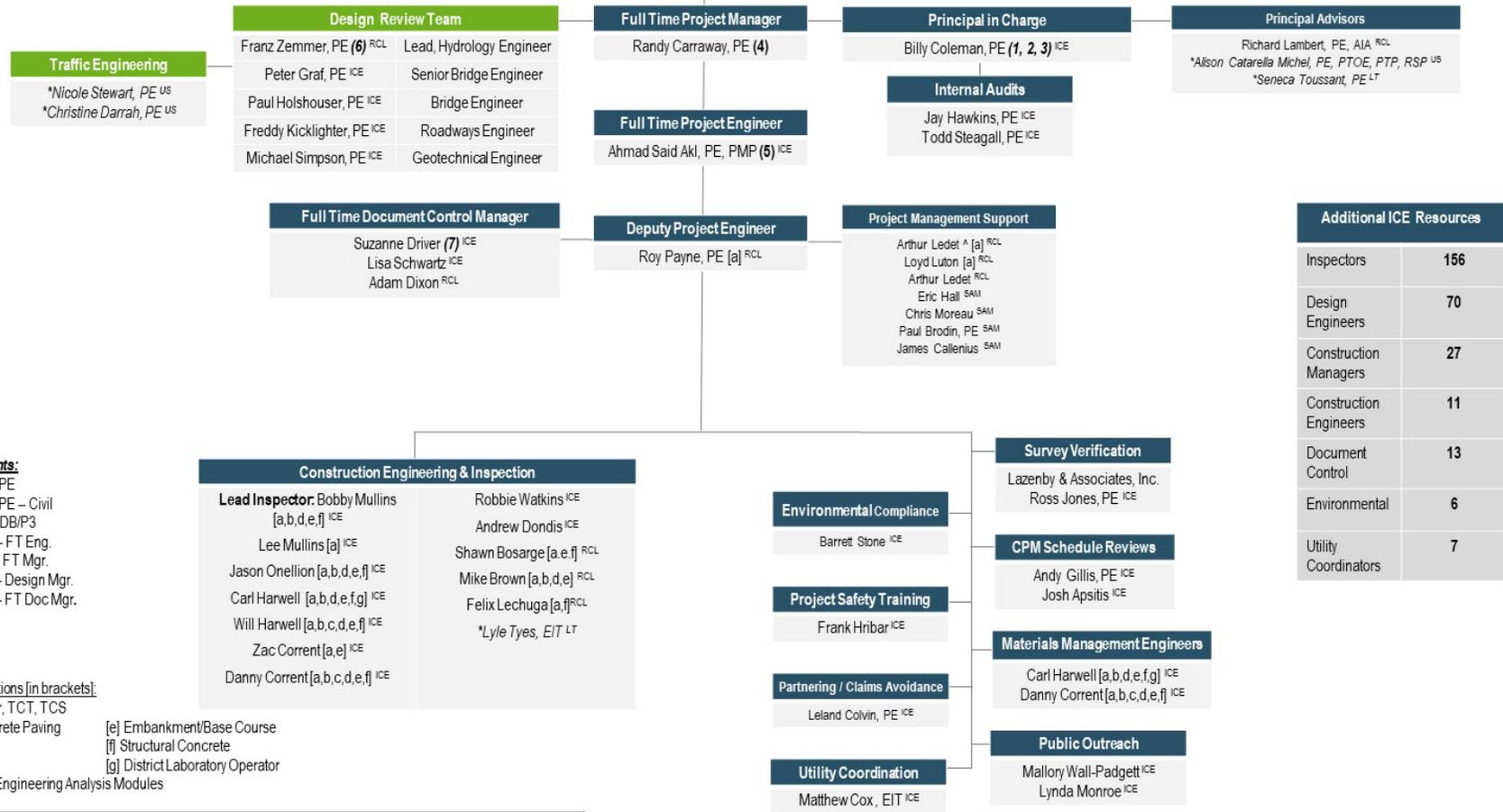
Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	3
	Supervisor – Eng.	6	18
	Engineer	4	29
	Engineering – Aide	2	24
	Supervisor – Other	3	30
	Project Office Manager	2	18
	Environmental Manager	1	5
	Inspector – Lead	1	4
	Inspector – Certified	5	6
	Inspector	3	150
	Principal	1	1
	Supervisor – Eng.	3	3
	Engineer	1	2
	Project Office Manager	1	1
	Inspector – Lead	1	1
	Inspector – Certified	2	2
	Inspector	1	1
	Other (OV Inspector)	5	40
	Other (OV Inspector-Lead)*	1	6
	Other (OV TI Engineer)*	1	6
	Other (Materials Manager)	1	4
	Other (OV Lab Manager)	1	2
	Other (OV Document Control)	1	4
	Surveyor	1	1

13. FIRM SIZE (CONT.)

	Engineer	1	1
	Inspector	1	2
	Engineer	1	1
	Supervisor-Eng	2	2
	Engineer	1	2
	Engineer Intern	1	1
	Senior Technician	1	1
	CAD Technician	1	1
	Inspector	0	1
	Engineering Aide	1	3

SECTION 14: ORGANIZATIONAL CHART

14. ORGANIZATIONAL CHART



MPR Requirements:
 (1) LA Registered PE
 (2) LA Registered PE – Civil
 (3) Min. 5 Years – DB/P3
 (4) Min. 10 Years – FT Eng.
 (5) Min. 10 Years – FT Mgr.
 (6) Min. 10 Years – Design Mgr.
 (7) Min. 10 Years – FT Doc.Mgr.

LaDOTD Certifications [in brackets]:
 [a] ATSSA Flagger, TCT, TCS
 [b] Asphaltic Concrete Paving
 [c] Asphaltic Plant
 [d] PCC Paving
 [e] Embankment/Base Course
 [f] Structural Concrete
 [g] District Laboratory Operator
 ^ Traffic Engineering Analysis Modules

Firm Key			
ICE	Infrastructure Consulting & Engineering, PLLC	LZA	Lazenby & Associates, Inc.
RCL	RCL Consultants, LLC	US	*Urban Systems, Inc. (DBE)
SAM	Sam- Construction Services, LLC	LTA	*LaTerre Engineering, LLC (DBE)



SECTION 15: MINIMUM PERSONNEL REQUIREMENTS

15. MINIMUM PERSONNEL REQUIREMENTS

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1, 2, 3	William Coleman, PE		Professional Engineer PE0048003 – Civil	LA	09/30/2023
4	Randy Carraway, PE		Professional Engineer PE0045938 – Civil	LA	03/31/2024
5	Ahmad Akl, PE, PMP		Professional Engineer PE0047840 – Civil	LA	09/30/2023
6	Franz Zemmer, PE		Professional Engineer PE0028232– Civil	LA	03/31/2025
7	Suzanne Driver		N/A	N/A	N/A

SECTION 16: STAFF EXPERIENCE

16. STAFF EXPERIENCE (CONT.)

Firm employed by:			
Name	WILLIAM L. "BILLY" COLEMAN, III, PE	Years of relevant experience with this employer	18
Title	PRINCIPAL	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Bachelor of Science / 1993 / Civil Engineering	
Active registration number / state / expiration date		20624 / South Carolina / 06-30-2024 PE.0048003 / Louisiana / 09-30-23	
Year registered	2000	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Coleman will serve as a PRINCIPAL IN CHARGE on this contract. He meets MPR Nos. 1, 2, and 3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
11/15 – 03/20	FEATURED PROJECT DESIGN – BUILD 85/385 Gateway Project (I-385 Widening and Interchange Improvements), Construction Management & CEI – Greenville, SC – Project Engineer. Mr. Coleman was responsible for coordinating all day-to-day CE&I operations with onsite SCDOT staff to maximize quality and efficiency and minimize risk of inaccuracy or miscommunication. He also provided daily supervision, ensuring an appropriate level of inspection staff were present during all phases of construction. Mr. Coleman processed over 900 RFIs and design changes and prepared social media updates. The project involved creating a new interchange within the general footprint of the existing through staging construction of new lanes, ramps, and bridges while maintaining traffic. Portions of I-385 and I-85 were widened, and improvements were made to Roper Mountain Road, Woodruff Road, Garlington Road, Miller Road, and Chrome Drive. Additionally, 12 new bridge structures were built, including two flyovers, and modifications were made to an existing bridge. The purpose of this project was to improve the safety, operation, capacity, and condition of the interchange of Interstate 85 and Interstate 385 and the adjacent segments of interstate roadway.		
03/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Coleman is providing as-needed project management services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).		
11/15 – 06/18	US 21 (Boundary Street) Redevelopment – Beaufort County, SC – Constructability Review. Mr. Coleman performed a constructability review that resulted in saving the County countless construction change orders and supplemental agreements that would have caused project delays. The County rescinded and rebid the project after reviewing the constructability review findings. This redevelopment project took place along US 21 between Neil Road and Ribaut Road and included improvements to First Street between Hogarth Street and the US 21 and SC 170 intersection. Improvements such as the addition of a raised median, construction of a multi-use path, landscaping, lighting, signal work, and undergrounding existing overhead utilities were also included.		



03/15 – 04/15	<p>Marshland Roundabout – Hilton Head, SC – Project Manager. Mr. Coleman managed the project and oversaw the design services and contractor QA/QC Inspection services to ensure the project was being constructed according to the plans and specifications. The project involved the design and construction of a roundabout to replace the existing T-Intersection at Mathews Drive and Marshland Road on Hilton Head Island. The roundabout sits in a super elevated curve with multiple approaching lanes. The access was reduced on Mathews Drive from two to one lane to allow for the construction of a single-lane roundabout with a slip lane from Marshland Road. It was critical that traffic was maintained during construction and the surrounding areas were minimally disturbed. Mr. Coleman also managed the teams responsible for monitoring the environmental impacts and maintenance of traffic. He was responsible for ensuring a high-quality project was constructed without sacrificing safety and schedules.</p>
06/10 – 06/13	<p>DESIGN – BUILD US 17/Johnnie Dodds Boulevard Improvements – Charleston County, SC – Design Manager. Mr. Coleman led the design and QA/QC inspection services of the entire project. He oversaw and provided roadway design plans, design management, quality management, utility coordination, hydrology, lighting, value engineering, survey verification, and QA/QC inspection services. This design-build project involved improvements to the three-mile-long segment of US 17 between the Arthur Ravenel Jr. Bridge and I-526 in Mount Pleasant, SC. The US 17 mainline roadway was widened from two to three lanes in each direction and a tight urban diamond interchange was constructed at the US 17 and Bowman Road intersection. The new interchange required construction of a 161-foot single-span bridge to carry US 17 over Bowman Road and replacement of the adjacent Bowman Road Bridge over Shem Creek. Frontage roads and intersecting side streets along US 17 were improved through the addition of bicycle lanes and sidewalks. The project also featured the addition of raised landscaped medians, curb and gutter, lighting, and mast-arm traffic signals with adaptive signal control.</p>
06/08 – 06/11	<p>DESIGN – BUILD Palmetto Commerce Parkway, Phase II – North Charleston, SC – Project Manager. This four-mile, design-build new-roadway construction project joins Phase I of Palmetto Commerce Parkway to Ashley Phosphate Road. This was the first design-build project for Charleston County. The new alignment consists of a four-lane section with a raised planted median and an eight-foot-wide multi-use asphalt pathway, with both rural and urban roadway sections. Also included in this project were four bridges, one of which was approximately 750 feet long. Mr. Coleman was responsible for all roadway design, coordination with the entire Design-Build team, overseeing all construction inspections, and utility coordination.</p>
06/08 – 06/11	<p>Mathews Drive Widening, Pathway, and Roundabout Project Phase I (South) – Hilton Head Island, SC – Project / Construction Manager. Mr. Coleman was responsible for the redesign of the entire project. He provided roadway design plans, design management, roadway as-built plans, VE, survey verification, and QA/QC inspection services. This one-mile project involved widening the two-lane roadway section with open ditches to a three-lane roadway with dedicated left-turn lanes, curb and gutter with planted raised medians, closed drainage system, a roundabout, and a bike path.</p>
01/09 – 12/09	<p>Mathews Drive / Airport Road Pathway and Roundabout Project – Hilton Head Island, SC – Construction and Design Manager. Mr. Coleman provided design plans, design management, as-built plans, VE, survey verification, and QA/QC inspection services for the one-mile bicycle pathway and roundabout at Mathews Drive and Airport Road.</p>

16. STAFF EXPERIENCE

Firm employed by:			
Name	JOSEPH "RANDY" CARRAWAY, PE	Years of relevant experience with this employer	10
Title	FULL TIME PROJECT MANAGER (SUPERVISOR – ENGINEER)	Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		Bachelor of Science / 1989 / Civil Engineering with Construction Emphasis	
Active registration number / state / expiration date		PE0045938 / Louisiana / 03-31-2024	
Year registered	2021	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Carraway will serve as a FULL TIME PROJECT MANAGER on this contract. He meets MPR No. 4	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
11/15 – 03/20	FEATURED PROJECT DESIGN – BUILD 85/385 Gateway Project (I-385 Widening and Interchange Improvements), Construction Management & CEI – Greenville, SC – Deputy Resident Engineer / Materials Management Engineer. The 85/385 Gateway Project as it became known by the public and local media was constructed using the design-build method of project delivery. The project involved creating a new interchange within the general footprint of the existing through staging construction of new lanes, ramps, and bridges while maintaining traffic. Portions of I-385 and I-85 were widened, and improvements were made to Roper Mountain Road, Woodruff Road, Garlington Road, Miller Road, and Chrome Drive. Additionally, 12 new bridge structures were built, including two flyovers, and modifications were made to an existing bridge. Mr. Carraway served dual roles as the Deputy Project Engineer and the Materials Management Engineer. He led a team of 40 inspectors at peak construction and provided both project and construction management for all phases and aspects of the work including inspection, testing, sampling, materials certification, monthly pay requests, change orders, public relations, and conflict resolution between the contractor and client. Mr. Carraway also actively participated in the design reviews for eight months before construction began.		
12/06 – 05/10	DESIGN – BUILD Palmetto Parkway Phase II – North Augusta, SC – Engineer. This project was 6.5 miles of new interstate that tied I-20 to the north with I-520 to the south. This section completed the loop around Augusta, GA, and North Augusta, SC. There were four sets of dual bridges and eight individual bridge crossings for a total of 16 structures. Seven reinforced box culverts of varying sizes crossed the project, with the largest over 880 feet in length. The roadway section was concrete pavement along the mainline with asphalt pavement at ramps and loops. Over six million cubic yards of earthwork were balanced along the length of the site. Mr. Carraway’s responsibilities reflected all aspects of project management including management of all contract documentation and filing; scheduling and management of a 16-person staff, and coordination with subconsultants for project coverage and inspection; facilitation of weekly construction meetings for job progress, scheduling, contract compliance, and problem solving; coordination with the contractors and Engineers of Record for plan discrepancies and changes in site conditions from the original design; and monthly preparation of work to date estimates for contractor’s payment.		



09/00 – 01/04	<p>Loring Mill Road – Sumter, SC – Engineer. This project was a rural two-mile, two-lane road that was being upgraded to three lanes with curb and gutter, sidewalks, and drainage. Mr. Carraway’s responsibilities reflected the following aspects of project management: constructability reviews of the roadway plans; daily documentation of work progress and site inspection for plan compliance; coordination with utility companies for the identification of conflicts, agreement of resolution, and implementation of utility relocations; verification of erosion control requirements and documentation for environmental protection; weekly and annual interviews for compliance with federal regulations; coordination with the Engineer of Record and contractor for plan discrepancies and changes in site conditions from the original design; monthly preparation of work to date estimates for contractor payment; and coordination and direction of biweekly utility/progress meetings with the contractor, utility personnel, and other involved parties.</p>
04/00 – 09/00	<p>SC 9 – Chester County, SC – Engineer. This project included construction of a five-span pre-stressed concrete girder bridge with two stages of construction. Mr. Carraway’s responsibilities reflected the following aspects of inspection: daily site inspection for plan compliance; daily documentation of work progress for plan compliance; weekly interviews for compliance with federal regulations; and report documentation for concrete pours, drilled shafts, and steel pile installation.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by:			
Name	AHMAD AKL, PE, PMP	Years of relevant experience with this employer	1
Title	FULL TIME PROJECT ENGINEER (SUPERVISOR – ENGINEER)	Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Civil Engineering	
Active registration number / state / expiration date		127390 / Texas / 06-30-2024 PE0047840 / Louisiana / 09-30-2023	
Year registered	2021	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Akl will serve as a FULL TIME PROJECT ENGINEER on this contract. He meets MPR No. 5	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
05/19 – 10/22	DESIGN – BUILD SH-99 Segment H, I-1, and I-2 Design-Build – Harris, Montgomery, Chambers, and Liberty Counties, TX – Mr. Akl served as the Construction Quality Assurance Manager for this project. He was responsible for the full inspection and testing of the Project including the review and analysis of all proposed material mix designs, verification of compliance with AASHTO, ASTM, and TxDOT requirements, keeping all reports and test results up to date, identifying instances of non-conformances, proposing engineering solutions, coordinating field personnel, exercising engineering judgement, and serving as the primary liaison with the construction team and project managers. This \$1.2 billion dollar project consisted of the development of a 54-mile roadway with 84 bridges, utilities, ramps, and frontage roads.		
10/17 – 05/19	TOLL ROAD Harris County Toll Road Authority Ship Channel Bridge Replacement – Harris County, TX – As the Project Construction Manager, Mr. Akl was responsible for reviewing site reports, attending preconstruction and quality meetings, reinforcing the preparation and implementation of plans in coordination with the project team, coordinating projects for on-schedule completion within or below budget, managing the review and approval process for consultant invoices, producing project reports, and maintaining the development of project plans, budgets, scope items, and schedule. This project consisted of the replacement of the Sam Houston Tollway’s Ship Channel Bridge. With the original structure only having two lanes in each direction, faulty pylons, and the absence of shoulders for emergencies, construction on a replacement was proposed. The replacement includes replacing partially built pylons with new concrete pylons that support eight lanes of traffic.		



<p>10/13 – 10/17</p>	<p>TOLL ROAD Fugro Consultants, Inc. – Houston, TX – Construction Materials Testing Engineer on multiple projects including “Oil and Gas” and chemical plants at ExxonMobil, Chevron Phillips, Shell, LyondellBasell, also, Harris County and City of Houston projects including Sam Houston tollway, and 54” sewer line and lifting station replacement. His duties also included reviewing site reports, controlled technician performance, trained new technicians for field tests, prepared monthly invoices and monitored projects budgets, managed the sampling of soil samples for subgrade, pavement and earthwork including visual classification of soil samples in field during sampling and testing, performed field density tests on various subgrades, fill material, and cement stabilized subgrade, performed gradation on treated pavement subgrade soils, observed proof rolling on earthwork, conducted field observation of drilled shafts installation and other foundation elements. Evaluated reinforcement placement for different structures such as drilled piers, straight shafts, grade beams, and pavements, checked the concrete properties for different structures for compliance with specifications via concrete sampling, slump test, temperature, and air content measurements. Also casted cylinders (6”x12”) or (4”x8”) and grout cube samples (cementitious and epoxy), managed the asphalt sampling, oversaw rolling patterns and temperature measurements, and performed field observation during placement and compaction of asphaltic concrete.</p>
<p>07/09 – 10/13</p>	<p>Northern Border Security Project – Saudi Arabia and Iraq – As the Project Engineer, Mr. Akl was responsible for supervising construction teams, identifying construction deficiencies, documenting daily actions, reviewing contractor material submittals, issuing non-compliance notices, performing pre-final inspections, and reviewing as-built drawings submitted by the contractor and comparing with the actual facilities. This project includes a 560-mile long multi system fence with automatic gates, steel structures, and guard towers which are all monitored by 30 Rapid Response Stations (RRS) and Patrol Roads.</p>
<p>10/01 – 10/13</p>	<p>Construction Zone Management – City of King Abdullah, Saudi Arabia – This project includes management of three construction zones. The construction zones consisted of 300 resident houses, utility buildings, roads, and infrastructures. As the Engineering Department Manager, Mr. Akl’s duties included performing engineering calculations and technical drafting, coordinating design activities, directing rebar crews, guiding formwork crews, checking vertical and horizontal alignment, monitoring concrete placements for all reinforced concrete members, and coordinating with MEP engineers to manage the installation of sewer, water, and electrical system services. His duties included performing engineering calculations and technical drafting to support field operations, coordinating design activities to produce information, specifications, and documentation for the construction of buildings, reviewing the approved drawing and directed rebar crews to fabricate, tie & erect the steel mats, stirrups, chairs and others adequately in accordance to the approved design drawings, guiding formwork crews to fabricate wood plate, braces, lateral supports and joists, installing steel supporting jacks in accordance to the approved formwork drawings, checking vertical and horizontal alignment with respect to on-site surveying reference points and guided masonry works to perform the exact dimension as per drawings, monitoring and managing concrete placement for all reinforced concrete members, coordinating with MEP engineers to manage the installation of sewer, water, and electrical system services for buildings, identified field discrepancies, and helped identify proper design changes and ensuring all work met contract specifications and standard of excellence.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	PETER GRAF, PE		Years of relevant experience with this employer	10
Title	SUPERVISOR - ENGINEER		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Bachelor of Science / 1995 / Civil Engineering Master of Science / 1996 / Civil Engineering		
Active registration number / state / expiration date		PE000033307 / Louisiana / 09-30-2023		
Year registered	2007	Discipline	Professional Engineer – Civil	
Contract role(s) / brief description of responsibilities			Mr. Graf will provide BRIDGE DESIGN REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
04/19 –09/23 (est.)	FEATURED PROJECT DESIGN – BUILD SR 400 Widening, GDOT PI No. 0013367 – Forsyth County, GA Lead Bridge Engineer - Mr. Graf served as Lead Bridge Engineer for this project that consisted of widening the existing 4-Lane facility to a 6-Lane facility from McFarland Parkway to SR 369. The typical section consists of both concrete and asphalt travel lanes, full-width shoulders, and a depressed median. As part of the project, the SR 400 bridges over Big Creek and Sawnee Creek (Lake Lanier) require widening. The bridge over Big Creek required the preparation of a hydraulic study as well as FEMA coordination. The bridge over Big Creek features a precast, prestressed concrete superstructure founded on steel pile bents and the bridge over Sawnee Creek is a steel girder superstructure founded on pile footings. The design process was accelerated to allow for construction to begin on this critical project within 5 months of award.			
08/19 -12/21	DESIGN – BUILD US 21 over Harbor River Bridge Replacement – Beaufort County, SC Design Principal - This Design-Build project consisted of replacing the existing swing span bridge over the Harbor River with a high clearance bridge. Harbor River is an approximately 1,000 feet wide navigable, tidal waterway and the bridge over it is the sole access to Harbor, Hunting, and Fripp Islands. The new 3,340-foot-long bridge has a vertical clearance of 65 feet above Mean Higher High Water (MHHW). It is composed of 20 spans, each one 167 feet in length. The bridge superstructure is 47.25 feet wide and is composed of five prestressed concrete beams per span with a composite concrete deck. The superstructure rests on two circular concrete columns supported on drilled shafts in the navigable waterway and on pile footings in the approach spans. Apart from standard loads, the bridge had to be designed for Extreme Events of Vessel Collision and Earthquake. Mr. Jamaluddin served as the Design Project Manager and Lead Bridge Engineer. As Design Principal, he oversaw the execution of the final design of this \$55 Million project. Since this was a Design-Build project, there was a tight time schedule for getting all plans prepared and approved. Design had to be optimal to enable the partnering contractor to stay within budget. Both these targets were met, and the project was designed and constructed successfully. During the construction phase Peter developed the system for the hot-weather concrete delivery using a proprietary cooling system.			

06/14 -05/17	<p>PennDOT Rapid Bridge Replacement Program (RBRP) – 558 Bridges throughout Commonwealth of Pennsylvania Mr. Graf served as the Deputy Design Manager for all bridges (69 total sites) that were assigned to ICE for the PennDOT Rapid Bridge Replacement Project. This complex Design-Build project consisted of the replacement of 558 total bridges across the state of Pennsylvania with a total design and construction duration of only 36 months. The average cost for design, construction and maintenance per bridge site was \$1.6 million. Peter oversaw the ICE team that was responsible for the layout, design, plans preparation, and construction support for all assigned bridges. Structure types included prestressed concrete box girders, folded steel plate girders and precast concrete culverts. Bridges included single span and multi-span configurations crossing waterways and/or railroads</p>
09/08 – 11/12	<p>DESIGN – BUILD NCDOT Western Wake Freeway (Design-Build) – Wake County, NC Project Manager - Mr. Graf served as Project Manager for this \$446 million green-field toll roadway. The project consisted of 12 miles of a new six-lane divided freeway facility with four interchanges, 26 aesthetically themed bridges, and a completely electronic tolling system. Miles of precast concrete sound barrier were required to meet noise reduction criteria, and all 21 overpass grade separation bridges were constructed with MSE retaining walls at their abutments. Right of Way acquisition for the Project required complete or partial takes of over 250 parcels and hundreds of utility conflicts were resolved through adjustments, relocations, or protection in place. The toll facility was the first toll road in North Carolina, is the largest single highway project in the history of the state and serves as the flagship project for the North Carolina Turnpike Authority. Mr. Graf oversaw all aspects of the design of the Project including roadway, bridge, drainage, erosion control, permitting, traffic control, utility coordination, right of way acquisition assistance, and ITS.</p>
01/09 -12/11	<p>DESIGN – BUILD SR 400 at Hammond Drive Bridge & Interchange Design – Fulton County, GA Deputy Project Manager Mr. Graf served as the Deputy Project Manager on this design-build project. He was responsible for providing technical oversight and guidance to the design team along with negotiations with the contractor and GDOT throughout the life of the project.</p>
05/05 – 06/07	<p>DESIGN – BUILD LOUISIANA PROJECT John James Audubon Bridge Cable Stayed Bridge & Approaches – St. Francisville, LA Design Build Consultant/ Design Review Team The John James Audubon Bridge, a cable-stayed bridge across the Mississippi River in Louisiana. The bridge replaced a ferry system that connected St. Francisville with New Roads just north of Baton Rouge, Louisiana. The cable-stayed portion of the bridge from expansion joint to expansion joint is 3,186 feet long, with the main cable-stayed span stretching 1,583 feet long, the longest cable-stayed main span in North America at the time of construction. The two towers reach 520 feet high and are anchored by 42 drilled shafts, 180 feet into the riverbed. The bridge is designed to last 100 years and withstand barge impacts, hurricane winds, and 500-year scour. The design-build contract also included the approaches and 12 miles of roadway that tie the bridge into US-61 and Louisiana Route 10, including seven bridges and a railroad spur to serve a coal-fired power plant. Mr. Graf served on the Program Management Team developing the RFP and Criteria Package for this first ever LaDOTD design-build project. His work included developing the request for proposal package, criteria package, performance specifications, and selection criteria. After award to the preferred design-build team, Mr. Graf reviewed the design and plans for the Cable-Stayed main span, as well as, the conventional approach bridge spans as part of the design review contract.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	PAUL HOLSHOUSER, PE		Years of relevant experience with this employer	8
Title	ENGINEER		Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization		Bachelor of Science / 1987 / Aerospace Engineering		
Active registration number / state / expiration date		PE0046199 / Louisiana / 03-31-2024		
Year registered	2021	Discipline	Professional Engineer – Civil	
Contract role(s) / brief description of responsibilities			Mr. Holshouser will provide BRIDGE DESIGN REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
10/21 – 06/23	I-95 Widening (MM 13-22) – Robeson County, NC – Mr. Holshouser serves as a Structural Engineer and is responsible for overseeing all aspects of the bridge designs. This project involves widening, elevating, and upgrading an eight-mile stretch of I-95 to provide enhanced resilience to storm events. Notable project highlights include widening the roadway constructing from four to eight lanes from U.S. 74 (Exit 13) to U.S. 301 (Exit 22), 250,000SF of retaining walls to raise I-95 above the Lumber River 100-year flood elevation levels, employ “top-down” construction techniques at the Lumber River bridges to mitigate environmental impacts and to optimize the construction schedule, upgrade three interchanges (exits 17, 19 and 20) with new bridges and ramps to modern design standards, replace four other bridges, and construct six new bridges and two triple-barrel box culverts.			
01/18 – 05/18	Gilead Road Improvements Project – Mecklenburg County, NC – Mr. Holshouser served as a structural engineer responsible for developing preliminary plans, final design, and RFC plans for the bridge on Gilead Road over I-77. This project was awarded under the NCDOT Structures Management Support Services Contract and consisted of upgrading the existing I-77/Gilead Road interchange to a Diverging Diamond Interchange (DDI). Improvements were made from Reese Boulevard to U.S. 21. It also included bicycle and pedestrian accommodations.			
01/16 – 08/16	DESIGN – BUILD Emergency Bridge Replacement Package 4 – Kershaw, Richland, and Williamsburg County, SC – Mr. Holshouser served as the Structural Design Engineer responsible for the design and plan preparation of one of four emergency structure replacements. This Design Build Project consisted of all work necessary to replace four bridges that were damaged beyond repair as a result of significant flooding. The scope of work included removal of the remainder of the existing bridges and construction of new bridges, including the associated roadway and drainage work necessary to tie the new approaches to the existing roadways.			

01/16 – 01/19	<p>PennDOT Rapid Bridge Replacement Program (RBRP) – 558 Bridges throughout Commonwealth of Pennsylvania – Mr. Holshouser served as a Bridge Squad Design Manager for this complex design-build project consisted of the replacement of 558 total bridges across the state of Pennsylvania with a total design and construction duration of only 36 months. The average cost for design, construction and maintenance per bridge site was \$1.6 million. The work involved the layout, design, plans preparation, and construction support for all assigned bridges. Structure types included prestressed concrete box girders, folded steel plate girders and precast concrete box culverts. Bridges included single span and multi-span configurations crossing waterways and/or railroads.</p>
01/13 – 01/15	<p>US17 Maysville Bypass – Onslow & Jones County, NC – Mr. Holshouser served as the Project Manager responsible for quality control and leading the structure design and plan preparation for two pairs of dual stream crossing structures on a new alignment. The structures consisted of dual 2-span continuous for live load structures in tangent alignment with integral end bents and dual 11-span structures with three continuous for live load units in curved alignment with parallel bents. All four structures consisted of concrete deck on prestressed concrete girders supported by concrete cap on pipe piles. Mr. Holshouser performed the structural and geometric design of all components for the 11-span structure including in part reinforced concrete deck and prestressed concrete girders continuous for live load, bearings, reinforced concrete caps and supporting steel pipe piles. He additionally checked the design of all components of the 2-span structure including in part reinforced concrete deck and prestressed concrete girders continuous for live load, bearings, reinforced concrete caps with integral end bents and supporting steel pipe piles. He also performed design reviews for all structures on the project.</p>
01/10 – 01/13	<p>I-485 Charlotte Outer Loop Design-Build – Charlotte, NC – Mr. Holshouser was responsible as the Structural Engineer or Project Structural Manager in part for the design, design coordination, and supervision of design and plan preparation for eight structures on the project. Structures consisted of a variety of grade and stream crossings predominantly utilizing reinforced concrete deck composite with prestressed concrete girders continuous for live load. The superstructure was supported on integral end bents founded on steel H Piles and Reinforced concrete interior bents supported with reinforced concrete columns founded on drilled piers. This was one of the first Diverging Diamond Interchange (DDI) structures designed and constructed in North Carolina.</p>
01/03 – 01/08	<p>Louisiana Highway 1 Improvements and Bridge Replacement – Leeville, LA – Mr. Holshouser served as the Structural Engineer and performed project management for the construction phase and lead design and plan preparation for eight bridges and three noise walls. The bridges are comprised of reinforced concrete deck on prestressed concrete girders with reinforced concrete cap on columns supported by either drilled piers, pile footings, or spread footings.</p>
10/21 – 06/23	<p>I-95 Widening (MM 13-22) – Robeson County, NC – Mr. Holshouser serves as a Structural Engineer and is responsible for overseeing all aspects of the bridge designs. This project involves widening, elevating, and upgrading an eight-mile stretch of I-95 to provide enhanced resilience to storm events. Notable project highlights include widening the roadway constructing from four to eight lanes from U.S. 74 (Exit 13) to U.S. 301 (Exit 22), 250,000SF of retaining walls to raise I-95 above the Lumber River 100-year flood elevation levels, employ “top-down” construction techniques at the Lumber River bridges to mitigate environmental impacts and to optimize the construction schedule, upgrade three interchanges (exits 17, 19 and 20) with new bridges and ramps to modern design standards, replace four other bridges, and construct six new bridges and two triple-barrel box culverts.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 			
Name	THOMAS FREDDY KICKLIGHTER, PE	Years of relevant experience with this employer	11
Title	SUPERVISOR - ENGINEER	Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization		Bachelor of Science / 1989 / Civil Engineering Master of Science / 1991 / Civil Engineering	
Active registration number / state / expiration date		PE0033758 / Louisiana / 09-30-2024	
Year registered	2008	Discipline	
Contract role(s) / brief description of responsibilities		Mr. Kicklighter will provide ROADWAY DESIGN REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
08/19 – 12/20	I-26 Widening (MM 85-101), Segments 1, 2, & 3 – Richland, Lexington, & Newberry Counties, SC This 16-mile widening and reconstruction Design-Build project consists of widening I-26 from four to six lanes for approximately 12 miles and from four to eight lanes for approximately four miles. It also includes three new interchanges and eight overpasses. As the Design Manager / Coordinator, Mr. Kicklighter is responsible for coordinating and overseeing the direct design of the project including roadway, structural, and drainage; geotechnical; pavement marking/signing; ITS; and lighting.		
08/16 – 06/20	I-77 Widening & Rehabilitation Project (MM 15 to MM 27) – Richland County, SC Mr. Kicklighter served as the Lead Design Engineer responsible for managing surveys, geotechnical exploration and design, hydrology/hydraulic analysis and design, roadway and bridge design, sound barrier design, community relations, utility coordination, permitting services, RR coordination, MOT, and environmental monitoring and compliance. He also developed the comprehensive Traffic Control Plan / MOT and led the roadway design including preparing roadway geometric design using design standards and criteria based on design speed, functional classification, design traffic volumes, ROW, and aesthetics. The project involved widening the interstate by adding one lane in the median in each direction for seven miles to include widening of 10 mainline bridges over roadways and streams. This section also included rehabilitation of an asphalt overlay with a concrete base and cross slope verification/correction. The work also included eight additional miles of pavement rehabilitation and cross slope verification/correction of southbound lanes. The pavement throughout the project consisted of asphalt overlay with a concrete base.		
01/17 -11/19	I-77 Express/HOT Lanes – Mecklenburg and Iredell Counties, NC Mr. Kicklighter served as the Roadway Design Lead and was responsible for the evaluation and value engineering of the interstate widening and system-to-system interchange (I-77 and I-277) for the Southern Section (from I-277 to I-85) and approximately half of the Central Section (15 miles) of the Project. He led the preparation of the Final Technical proposal plans including the approval of numerous ATCs and innovative design features which reduced the project scope in excess of \$26 Million. (Project Value: \$650 Million)		

12/14 – 11/15	<p>DESIGN – BUILD I-85 Widening (MM 80 to 96) – Spartanburg and Cherokee Counties, SC Mr. Kicklighter served as the Project Manager responsible for managing the engineering services necessary for the preparation of preliminary road, bridge, and hydrology/hydraulic plans, environmental studies, and traffic studies including interchange modification reports. He also led the roadway design which included providing preliminary roadway plans including interchange design, providing cost estimates, identifying preliminary ROW requirements and environmental impacts, developing roadway design criteria, and completing any necessary design exception documentation. Mr. Kicklighter also provided support during the Design-Build procurement. This project consisted of Design-Build preparation and plan review which included development of the Environmental Assessment (EA) and preparation of preliminary plans for the widening of approximately 16 miles of interstate. The project also included adding a travel lane in each direction, improving various interchanges and exit ramps, and replacement of overpass bridges. It also included review of the final construction plans submitted by the Design-Build Team.</p>
---------------	---

16. STAFF EXPERIENCE (CONT.)

Firm employed by:			
Name	MICHAEL SIMPSON, PE	Years of relevant experience with this employer	
Title	ENGINEER	Years of relevant experience with other employer(s)	
Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Civil Engineering	
Active registration number / state / expiration date		PE0035255 / Louisiana / 09-30-2024	
Year registered	2010	Discipline	
Contract role(s) / brief description of responsibilities		Mr. Simpson will provide GEOTECHNICAL DESIGN REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
04/19 –09/23 (est.)	FEATURED PROJECT DESIGN – BUILD Georgia SR 400 / I-285 Interchange – Atlanta, GA Mr. Simpson was one of the subconsultants responsible for the dynamic pile testing, analysis, and reporting of results for numerous bridges for this major metropolitan interchange project. The foundation of the bridges generally consisted of large high-capacity steel h-piles.		
08/19 – 12/21	DESIGN – BUILD US 21 over Harbor River Bridge Replacement – Beaufort County, SC This Design-Build project consisted of replacing the existing swing-span bridge over a tidal waterway / navigable channel which serves as the only means for vehicular transportation from the mainland to Harbor and Fripp islands. The replacement bridge is a fixed high-level structure (3,340' long) with two 12' lanes with 10' paved shoulders, providing 90' horizontal and 65' vertical clearance for river navigation. Mr. Simpson served as a Geotechnical Engineer and was responsible for piezometer instrumentation installation and data collection, dynamic pile testing and analysis, and ground vibration and crack monitoring data collection.		
05/06 – 06/07	DESIGN – BUILD LOUISIANA PROJECT John James Audubon Bridge Project – St. Francisville/New Roads, LA As a Geotechnical Engineer, Mr. Simpson performed dynamic pile testing and CAPWAP signal matching analyses on production pilings and various steel pipe piles. He tested axial compression static load on test piles at the project location, and also performed CSL analyses and data reduction of multiple tests and production drilled shafts.		
Unkown	LOUISIANA PROJECT LA - 1 Improvements - Golden Meadow and Fourchon, LA Mr. Simpson served as a Geotechnical Engineer responsible for performing dynamic testing using the Pile Driving Analyzer (PDA) as part of this project on 24-inch square prestressed concrete piles with pile lengths up to 140 feet. He also conducted instrumented restrikes to confirm pile capacity and analyzed the using the CAPWAP signal-matching analysis program		

08/16 – 06/20	I-77 Widening & Rehabilitation Project (MM 15 to MM 27) – Richland County, SC This project involved widening the interstate by adding one lane in the median in each direction for seven miles to include the widening of 10 mainline bridges over roadways and streams. This section also included the rehabilitation of an asphalt overlay with a concrete base and cross-slope verification/correction. The work also included eight additional miles of pavement rehabilitation and cross-slope verification/correction of southbound lanes. The pavement throughout the project consisted of an asphalt overlay with a concrete base. Mr. Simpson served as a Geotechnical Engineer responsible for construction support for pile installation, including reviewing the pile installation plan and providing pile driving criteria.
---------------	---

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	SUZANNE DRIVER		Years of relevant experience with this employer	8
Title	FULL TIME DOCUMENT CONTROL MANAGER (PROJECT OFFICE MANAGER)		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Associate's Degree / 2001 / Business		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Ms. Driver will serve as the FULL TIME DOCUMENT CONTROL MANAGER on this contract. She meets MPR No. 7.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
11/15 – 03/20	FEATURED PROJECT DESIGN – BUILD 85/385 Gateway Project (I-385 Widening and Interchange Improvements), Construction Management & CEI – Greenville, SC – Ms. Driver worked closely with the Project Manager and jobsite inspectors as needed. She created and maintained project files in compliance with SCDOT’s ProjectWise system, as well as Box© which is primarily used by the inspectors. She also entered and tracked new material submittals and certifications into SCDOT programs (ProjectWise and VMware), maintained all sample tracking, verified inspectors’ daily reports as needed, maintained project photos, monitored RFI and change order logs, tracked plan revisions and updated all RFC plans, and tracked and updated all files with approved shop and working drawings. Ms. Driver was responsible for project email communications, meeting calendars, minutes and voice recordings, DBE quarterly reports, yearly 1391’s reports, CFU quarterly reports and assisting with estimate documentation. She maintained an up-to-date tracking log for wage interviews to meet all SCDOT and FHWA regulations regarding certified payrolls and pay regulations, and she maintained communications and tracking log for damage claims for traveling public within construction limits. The project involved creating a new interchange within the general footprint of the existing through staging construction of new lanes, ramps, and bridges while maintaining traffic. Portions of I-385 and I-85 were widened, and improvements were made to Roper Mountain Road, Woodruff Road, Garlington Road, Miller Road, and Chrome Drive. Additionally, 12 new bridge structures were built, including two flyovers, and modifications were made to an existing bridge. The purpose of this project was to improve the safety, operation, capacity, and condition of the interchange of Interstate 85 and Interstate 385 and the adjacent segments of interstate roadway.			

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	LISA SCHWARTZ		Years of relevant experience with this employer	12
Title	DOCUMENT CONTROL SPECIALIST (PROJECT OFFICE MANAGER)		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		Bachelor of Arts / 1992 / Business Administration		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Ms. Schwartz will serve as the DOCUMENT CONTROL SPECIALIST on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
05/18 – Present	CEI Resurfacing Year 1, 2, 3, & 5 (2018-2020 & 2022) – Beaufort County, SC – Document Control Specialist. This resurfacing project consists of resurfacing over 46 miles of roadways throughout Beaufort County. Construction activities include cleaning and edging preparations, milling of roadways, 6" full depth patching, leveling, resurfacing or thin lift asphalt preservation, applying new pavement markings and raised pavement markers, and re-establishing roadway shoulders. Ms. Schwartz serves as the Document Control Specialist responsible for project file management compliant with SCDOT and municipal standards, logging and tracking material samples, test reports, materials certifications, and project submittals, monitoring inspector daily work reports, asphalt roadway inspection reports, and SCDOT lab reports, and organizing and taking project photos throughout duration of projects.			
10/15 – 08/19	US 21 (Boundary Street) Redevelopment – Beaufort County, SC – Document Control Specialist. Ms. Schwartz served as the CE&I Construction Office Administrative Assistant and Document Control Specialist for this project which included the construction management and CE&I for 1.72 miles of roadway improvements which included a portion of Boundary Street and First Street. The Boundary Street improvements consisted of two 11-foot travel lanes in each direction separated by a variable grass median, curb and gutter, upgraded traffic signals, underground utility duct bank system, and multi-use path for pedestrians. The First Street improvements consisted of two 10-foot travel lanes in each direction, 8-foot parking lanes, curb and gutter, sidewalks, and an underground utility duct bank system. Ms. Schwartz worked closely with the Project Manager and jobsite inspectors as needed. She created and maintained project files in compliance with the SCDOT system. She was responsible for entering and tracking new material submittals, certifications into SCDOT program (ProjectWise, Site Manager, and VMware), logging inspector daily reports, maintaining project photos, monitoring RFI and change order logs, tracking plan revisions and updates, project email communications, meeting minutes and voice recordings, daily contractor quantity reports, AS-1 sheets, answering phones, entering payments for estimates, and assisting with estimate documentation.			

06/18 – 06/21	<p>Indefinite Civil Engineering Services Contract – Town of Hilton Head, SC – Document Control Specialist. Coligny Roads Project: This project consisted of improving access and roadway infrastructure to support the future park and museum at the Coligny Circle Park. Ms. Schwartz served as a Document Control Specialist responsible for maintaining project records, project status updates, construction documentation and project closeout information. South Island Transportation Projects: The projects in this portion of the contract include: Pope Avenue and Office Park Road Intersection, Pope Avenue at New Orleans Road Intersection, Lemoyne Avenue, Coligny Area/Pope Avenue, Nassau Street, Lagoon Road, Tanglewood Avenue, and South Forest Beach Drive. Ms. Schwartz served as a Document Control Specialist responsible for maintaining project records, logging and tracking material samples, test reports, materials certifications, project submittals, monitoring inspector daily work reports, change order and estimates preparation, data collection, municipal and federal regulations, project status updates, construction documentation, and project closeout information.</p>
11/10 – 09/15	<p>SC 802 Bridge and Roadway – Beaufort, SC – Document Control Specialist. Ms. Schwartz served as administrative assistant and Document Controls Assistant for the construction office. The project consisted of widening SC 802 from US 21/SC 802 to Ribaut Road from two to four lanes and included a new two-lane bridge across the Beaufort River. It also included widening SC 802 from SC 280 to SC 170 from two lanes to four lanes. Ms. Schwartz was responsible for setting up a new office, creating a functioning filing system, answering phones, managing SCDOT required documentation (bridge and road), entering and logging daily inspector reports, sample and certification entries, transcribing meeting minutes, and logging project submittals, schedules, and timesheets. She assisted project supervisors and employees as needed and maintained a quantity tracking system comparable to the SCDOT program (SiteManager).</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	LELAND COLVIN, PE		Years of relevant experience with this employer	<1
Title	SUPERVISOR – ENGINEER		Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization		Bachelor of Science /1995 / Civil Engineering		
Active registration number / state / expiration date		20218 / South Carolina / 06/30/2024		
Year registered	2000	Discipline	Professional Engineer – Civil	
Contract role(s) / brief description of responsibilities		Mr. Colvin will lead PARTNERING/DISPUTE RESOLUTION on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
10/15 – 06/23	South Carolina Department of Transportation Deputy Secretary for Engineering, October 2015 – June 2023 <ul style="list-style-type: none"> Responsible for the design, construction, and maintenance of South Carolina’s 41,295 centerline miles of roadway and 8,443 bridges with an annual budget of approximately \$2.5 Billion Provides strategic direction, policy, and performance targets for the over 4,000 employees of the Engineering Division Represents SCDOT on several state, regional, and national transportation committees as wells as industry partner committees Works closely with the Governor’s Office, State Legislature and SCDOT Commission regarding strategic direction and constituent issue resolution 			
08/13 – 10/15	South Carolina Department of Transportation Chief Engineer for Operations, August 2013 - October 2015 <ul style="list-style-type: none"> Responsible for Headquarters’ Engineering Operation offices to include; Traffic Engineering, Maintenance, and Construction Provided guidance and support to ensure SCDOT’s strategic plan objectives were incorporated into engineering operation’s activities Organized, reported and presented contracts, prioritized engineering projects, and engineering metrics monthly to SCDOT’s Commission for information, review, and approval Represented SCDOT in legislative and industry partner meetings regarding complicated transportation topics 			
10/10 - 08/13	South Carolina Department of Transportation Director of Construction, October 2010 - August 2013 <ul style="list-style-type: none"> Responsible for overall construction program to include all material sampling and testing, issue resolution, and change order approval Oversaw the procurement and approval of all construction contracts to include; advertisement & receipt of bids, bid review, collusion analysis, and DBE approval Responsible for SCDOT’s inspection certification program and research program Co-chairman of the Joint AGC/SCDOT Committee 			

01/06 – 10/10	<p>South Carolina Department of Transportation State Design/Build Engineer, January 2006 – October 2010</p> <ul style="list-style-type: none"> • Responsible for management of SCDOT’s design/build projects post contract award • Ensured consistency among design/build contracting and performance • Served as liaison between construction field staff and preconstruction design staff • Responsible for CE&I consultant contracts to include negotiation, execution, and progress
11/04 – 01/06	<p>South Carolina Department of Transportation Project Director, November 2004 – January 2006</p> <ul style="list-style-type: none"> • Responsible for the overall management of the Cooper River Bridge design/build demolition project • Ensured contract close-out activities associated with the Arthur Ravenel Jr. Bridge project were completed on-time and within budget • Provided oversight of the community mitigation plan and associated construction resulting from the Arthur Ravenel Jr. Bridge project.
08/98 – 11/04	<p>South Carolina Department of Transportation Program Manager, August 1998 - November 2004</p> <ul style="list-style-type: none"> • Responsible for project delivery of various projects to include; interstate widening, interstate interchanges, urban & rural widening, intersection improvements, and round-a-bouts • Project delivery activities included; NEPA, permitting, right-of-way acquisition, public involvement, plan design, and budget oversight • Coordinated resolution of budget, right-of-way, environmental, permitting, and design issues during construction
07/95 – 08/98	<p>South Carolina Department of Transportation Engineer I & II, July 1995 – August 1998</p> <ul style="list-style-type: none"> • Designed traffic signals and interconnection • Designed intersection improvement projects • Designed open and closed drainage systems

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	MATTHEW COX, EIT		Years of relevant experience with this employer	3
Title	ENGINEERING – AIDE		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		Bachelor of Science / 2017 / Civil Engineering		
Active registration number / state / expiration date		20311 / South Carolina / None		
Year registered	N/A	Discipline	Engineering Intern – Civil	
Contract role(s) / brief description of responsibilities			Mr. Cox will lead UTILITIES COORDINATION on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
04/20 – Present	Pathways Project – Beaufort County, SC – Lead Utility Coordinator. This project consists of the design services necessary for the addition of a 10' pathway along sections of roadways throughout the County. The purpose of this project is to help provide safe walking routes to schools and improved access to residential communities. The total length of the pathways is approximately 16.4 miles for the projects assigned to date. Mr. Cox serves as the Lead Utility Coordinator responsible for identification and resolution of conflicts. He participates in design field reviews and highlights the major items of concern to avoid from a utility perspective that would either be costly to the County or cause significant delays to the project schedule. Once a final alignment is determined and for the conflicts that are unavoidable, Mr. Cox will review with the utility companies during a field walkthrough to finalize conflicts and resolution plans and collect all appropriate documentation.			
08/19 – 12/21	DESIGN – BUILD US 21 over Harbor River Bridge Replacement – Beaufort County, SC – Utility Coordinator. This Design-Build project consists of replacing the existing swing-span bridge over a tidal waterway / navigable channel which serves as the only means for vehicular transportation from the mainland to Harbor and Fripp islands. The replacement bridge is a fixed high-level structure (3,340' long) with two 12' lanes with 10' paved shoulders, providing 90' of horizontal and 65' vertical clearance for river navigation. Mr. Cox served as a Utility Coordinator responsible for utility coordination during the construction phase of the project. He ensured that utilities relocating within the project limits were coordinated and phased during the appropriate roadway and bridge activities, so as not to cause delay nor conflict with constructability issues.			
08/19 – Present	Clements Ferry Road Widening, Phase II – Berkeley County, SC – Utility Coordinator. This project consisted of widening Clements Ferry Road for approximately 4.5 miles from Jack Primus Road to SC 41. The improvements involved widening the two-lane roadway to a four-lane curb and gutter section with a raised planted median and multi-use path along one side of the roadway. The project also included construction of a new bridge over Martins Creek and the widening of an existing bridge over an unnamed tributary. This stretch of roadway had an ADT of 14,200 and included four signalized intersections. Serving as a Utility Coordinator, Mr. Cox was responsible for coordinating with 13 utility owners, providing NO COST or utility agreement relocation plans, and estimating cost for utility design, material, and construction schedule.			

08/19 – 12/20	<p>DESIGN – BUILD I-26 Widening (MM 85-101) – Richland, Lexington, and Newberry Counties, SC – Utility Coordinator. This Design-Build project includes 16 miles of widening and reconstruction, three new interchanges, and eight overpasses north of Columbia from mile marker 85 to 101. This project will reconstruct pavement, increase capacity, and upgrade interchanges and overpass bridges to meet state and federal design requirements. Mr. Cox is serving as the Utility Coordinator responsible for assisting SCDOT with ACT36/BILL 401 Memorandum of Agreement (MOA) for water and sewer “in-contract” for design, material take off, and estimating for two water owners and three sewer owners.</p>
01/15 – 07/18	<p>Bridge Replacement over Withers Swash – Myrtle Beach, SC – Utility Coordinator. Mr. Cox served as a utility coordinator and provided utility coordination for this \$6 million West Broadway Street (S-26-15) bridge replacement over Withers Swash for the South Carolina Department of Transportation (SCDOT). The single-span, 69-foot prestressed concrete beam bridge is supported by steel piles and includes a large communication duct bank and 20-inch sewer force main, both on a support system next to the bridge. There are also aerial utilities, which include power and communication, water, and gas.</p>
05/11 – 09/17	<p>US 378 Bridge Replacement – McCormick County, SC – Utility Coordinator. Mr. Cox served as a utility coordinator advising five utility companies on their utility relocations associated with the replacement of the US 378 bridge for SCDOT. The project involved water and sewer attachments to the existing bridge. Mr. Cox advised the utilities on resolutions for the sewer force main since reattaching the existing line to the proposed bridge would violate SCDOT policy, as well as the stipulated reattachment of the water line to the new bridge, which must comply with SCDOT design criteria. Due to these unique attachment requirements and limited funding options, he coordinated with the utilities early in the design process. Mr. Cox also collected utility relocation plans to verify the lack of conflicts and developing no-cost letters.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 	
Name	FRANK HRIBAR
Title	SUPERVISOR – OTHER
Years of relevant experience with this employer	7
Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	<p>Certifications:</p> <ul style="list-style-type: none"> •SCDOT Asphalt Roadway Technician •SCDOT Concrete Field Technician - Levels 1 And 2 •SCDOT Earthwork, Drainage and Base Inspector •SCDOT Foundation Technician •CEPSCI •Nuclear Gauge Safety Training •Hazmat - Nuclear Gauge Transportation • OSHA (30 Hr) •Concrete Field Grade 1 Testing Technician
Active registration number / state / expiration date	N/A
Year registered	N/A
Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Hribar will provide PROJECT SAFETY TRAINING on this contract.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
PROJECT EXPERIENCE:	
07/2018 – 03/2021	DESIGN – BUILD SC 277 NB Flyover Ramp over I-77 – Richland County, SC This \$25M Design-Build project includes the design and construction of a new bridge and related roadway approaches along SC 277 NB over I-77 and demolishing the existing concrete box bridge. As the Assistant Quality Control (QC) Manager, Mr. Hribar oversaw the QC inspection and testing services performed to ensure that quality was incorporated into all elements of the work. He ensured that inspectors performed QC tests and inspections on materials at the producer’s facility prior to incorporating material into the project. Upon completion of all tests, Mr. Hribar verified the results and transmitted them to the RCE, Quality Acceptance, and Independent Assurance Manager.
03/2017 – 10/2018	SCDOT On-Call CE&I for Hot Mix Asphalt Verification Mobile Labs – Statewide, SC As the Project Manager, Mr. Hribar is responsible for coordination and correspondence with the OMAR Mobile Lab Supervisors as well as serving as the Liaison for ICE with the OMAR Asphalt Verification Manager. His duties include scheduling of inspectors, correspondence with subconsultants, setting up task #'s to correlate with Lab Cost centers and charge codes, DBE compliance, conflict resolution, and invoice review/approval. This project consists of providing CE&I services for the SCDOT HMA Verification Mobile Labs for various asphalt resurfacing projects throughout the state. ICE is providing a Project Manager, document control specialist, and inspectors specifically with HMA Level I Certifications. Inspection services include obtaining samples of hot mix asphalt from the contractor’s asphalt plant as requested by the OMR Mobile Lab Supervisor. ICE’s inspectors also perform - testing related to hot mix asphalt at the verification lab, which includes testing for percentage of asphalt content, bulk specific gravity, maximum specific gravity, air voids, VMA and gradations.



07/2016 – 11/2016	<p>Botanical Parkway Culvert Replacement and Roadway Approaches – Lexington County, SC This project consisted of the replacement of a corrugated metal culvert that was washed away due to severe flooding in October 2015. Mr. Hribar served as the Construction/CEI Manager for the construction of a double-barrel cast-in-place concrete replacement culvert for this site. His project responsibilities included daily oversight of the project. Additionally, he oversaw the testing (QA/QC) of earthwork, concrete, rebar, and asphalt, as well as the overall inspection of the project. Mr. Hribar served as the liaison between the owner and the design team. He was also responsible for the overall completion of the project finishing on time and under budget</p>
08/2016 – 06/2020	<p>I-77 Widening & Rehabilitation Project (MM 15 to MM 27) – Richland County, SC The work involved widening the interstate by adding one lane in the median in each direction for seven miles to include widening of 10 mainline bridges over roadways and streams. This section also included rehabilitation of an asphalt overlay with a concrete base and cross slope verification/correction. The work also included eight additional miles of pavement rehabilitation and cross slope verification/correction of southbound lanes. The pavement throughout the project consisted of asphalt overlay with a concrete base. Mr. Hribar served as the Assistant Quality Control Manager and his responsibilities included scheduling/assigning inspectors to the job site, verifying material certifications, attended weekly meetings, made routine site visits, reviewed material testing reports and performed bridge/concrete field reviews. (Project Value: \$91 Million)</p>
06/2017 – 05/2020	<p>I-77/I-26/I-126 Interstate Preservation Contract – Richland County, SC Mr. Hribar served as the Assistant Construction Manager responsible for ensuring that inspection services for all phases of the project were within SCDOT standards. He also served as the SCDOT representative with all construction related matters between the contractor, public, and all permitting agencies. Mr. Hribar was instrumental in responding to motorists who utilized the SCDOT hotline and called ICE's corporate office directly with comments, suggestions, and inquiries. He provided exceptional customer service by responding quickly (within 24 hours) to each caller and maintained the public's satisfaction throughout construction.</p> <p>This project included HMA resurfacing of I-20 eastbound from MP 37.5 to MP 49.8, I-26 from MP 100.8 to MP 107.7, I-126 from MP 0.0 to MP 3.6 and I-77 from MP 0.0 to 15. Mr. Hribar was responsible for overseeing the performance of the inspectors assigned to concrete structure inspection, earthwork and base inspection, asphalt roadway inspection, concrete pavement inspection, quality acceptance, weekly erosion control inspections, and weekly work zone and traffic control inspections. He also ensured all aspects of the contract administration was conducted and/or maintained including EEO compliance, DBE and safety program monitoring, project records, generating and reviewing pay estimates, generating change orders, project documentations and schedules, contractor submittals, and project close out.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	BARRETT STONE		Years of relevant experience with this employer	6
Title	ENVIRONMENTAL MANAGER		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		MS, / 2000 / Environmental Health (Health Science Water Quality) BS, /1995 / Wildlife Biology		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Stone will provide ENVIRONMENTAL COMPLIANCE on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
10/2014 – 03/2016	85 / 385 Gateway Project – Greenville County, SC Mr. Stone served as the Lead NEPA and Permit Coordinator directly responsible for the preparation of an Environmental Assessment, prepared and submitted a request for a jurisdictional determination, and prepared the associated natural resources assessments. His responsibilities also included oversight of numerous technical sub-consultants and management of the public involvement efforts. This project consists of improvements to the system-to-system interchange, widening of I-385 through the interchange area and rehabilitation to portions of I-85 just north and south of the interchange area.			
07/2018 - present	I-20 Bridge Replacements – Aiken County, SC Mr. Stone serves as the Environmental Manager responsible for NEPA documentation and Section 404 permit acquisition. This included oversight in the preparation of a Programmatic Categorical Exclusion and acquisition of a SCDOT USACE General Permit. This project involves replacing structurally and functionally deficient bridges at six sites along I-20. ICE is providing various engineering design services on I-20 eastbound and westbound bridges over South Edisto River.			
11/2020 - Present	Design and Permitting for the Proposed Southern Evacuation Lifeline (SELL) Projects (Phase I) – Horry County, SC Mr. Stone serves as an Environmental Specialist managing and preparing various environmental components in support of project development. This includes the developing various data layers, evaluation of impacts, and preparation of a Community Impacts Assessment. As a subconsultant, ICE is providing environmental studies and documentation, preliminary roadway design, hydrology/hydraulic design, and conceptual bridge design services for the design and permitting of the Southern Evacuation Lifeline (SELL) Project in Horry County. The SELL Project is a proposed new location, multilane, controlled access roadway that will extend from US 501 to US 17.			

05/2019 – 02/2022	<p>DESIGN – BUILD I-26 Widening (MM 85-101) Final Design and QC Inspection/Testing – Richland, Lexington, and Newberry Counties, SC Mr. Stone is serving as the Environmental Manager responsible for NEPA compliance and acquisitions of the applicable Section 404/401 permits. This includes preparation of a NEPA re-evaluation; preparation/acquisition of an individual Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from SC Department of Health and Environmental Control; and environmental compliance support during construction. This Design-Build project includes 16 miles of widening and reconstruction, three new interchanges, and eight overpasses north of Columbia from mile marker 85 to 101. This project will reconstruct pavement, increase capacity, and upgrade interchanges and overpass bridges to meet state and federal design requirements. SCDOT intends to widen I-26 from four lanes to eight lanes from approximately Exit 101 (US 176) to just west of Exit 97 (US 176) and from four lanes to six lanes from just west of Exit 97 (US 176) to just west of Exit 85 (SC 202) in Richland, Lexington, and Newberry Counties. Interchanges will be improved at Exit 97 (US 176), Exit 91 (S-48), and Exit 85 (SC 202). Overpass bridges will be replaced at Koon Road, Shady Grove Road, Mt. Vernon Church Road, Old Hilton Road, Peak Street, Holy Trinity Church Road, and Parr Road. The weigh station at mile marker 94 westbound will also be upgraded.</p>
08/2018 – 10/2022	<p>US 17 at Main Road (S-20) Interchange Improvements and Main Road (S-20) Widening – Charleston County, SC Mr. Stone serves as the Environmental Permitting Lead responsible for the preparation and submittal of the Section 404 wetland permit and associated critical area permit to the USACE and SCDHEC-OCRM, respectively. This project consists of providing engineering services necessary for the preparation of an Environmental Impact Statement (EIS), preliminary road and bridge plans, right of way plans, and final construction plans for roadways and bridges; traffic studies for constructing a grade separated interchange at US 17 and Main Road; widening Main Road and Bohicket Road from Betsy Kerrison Parkway at River Road to Bees Ferry Road; replacing the existing Main Road Bridge over the CSX Railroad; and constructing a shared use path from the West Ashley Greenway to Bees Ferry Road. In addition, existing flooding of Main Road between US 17 and CSX Railroad will be addressed.</p>
09/2017 – 06/2021	<p>DESIGN – BUILD US 21 over Harbor River Bridge Replacement – Beaufort County, SC This Design-Build project consists of the replacement of the existing swing span bridge over the Harbor River with a fixed span structure and is currently under construction. Mr. Stone served as the Environmental Manager for the Design-Build team responsible for the acquisition of various environmental permits, including Section 404/10 permits from the USACE, Critical Area and Coastal Zone Consistency determination from SCDHEC-OCRM, and a USCG bridge permit. These efforts also required extensive coordination with resource agencies regarding the essential fish habitat, shellfish impacts, and threatened and endangered species. Specifically, extensive agency consultation and protected species monitoring, and surveying was conducted throughout bridge construction demolition to ensure impact avoidance to a number of federally protected species.</p>
04/2019 – 08/2021	<p>Clements Ferry Road Widening, Phase II – Berkeley County, SC This project consists of widening Clements Ferry Road for approximately 4.5 miles from Jack Primus Road to SC 41. The improvements involve widening the two-lane roadway to a four-lane curb and gutter section with a raised planted median and multi-use path along one side of the roadway. The project also includes construction of a new bridge over Martins Creek and the widening of an existing bridge over an unnamed tributary. This stretch of roadway has a current ADT of 14,200 and includes four signalized intersections. Mr. Stone served as the Environmental Project Manager responsible for NEPA compliance through the production of the Environmental Assessment and support for required Section 404 permits. The EA/FONSI was completed in 2018 and required various environmental technical studies including natural resources assessment, indirect and cumulative impact analysis, and numerous public involvement efforts. The applicable permits were received in 2020 with construction anticipated to begin in 2020.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by:			
Name	ANDY GILLIS, PE	Years of relevant experience with this employer	15
Title	ENGINEER	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineering	
Active registration number / state / expiration date		23517 / SC / 06-30-2024	
Year registered	2004	Discipline	
Contract role(s) / brief description of responsibilities		Mr. Gillis will provide CPM SCHEDULE REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
10/2014 – 03/2016	85/385 Gateway Project, Construction Management & CEI – Greenville, SC Mr. Gillis served as the Department’s CPM schedule reviewer where he was responsible for the analysis and monitoring of the contractor’s schedule for compliance with the RFP. He led monthly status update meetings and reviewed and made recommendations on contractor requests for time extensions. This project involves interstate improvements that consist of refiguring a new interchange within the general footprint of the existing interchange by staging construction of the new lanes, ramps and bridges while maintain traffic.		
01/2016 – 01/2018	DESIGN – BUILD I-77 Widening & Rehabilitation Project (MM 15-27) – Richland County, SC The work involved widening the interstate by adding one lane in the median in each direction for seven miles to include widening of 10 mainline bridges over roadways and streams. This section also included rehabilitation of an asphalt overlay with a concrete base and cross slope verification/correction. The work also included eight additional miles of pavement rehabilitation and cross slope verification/correction of southbound lanes. The pavement throughout the project consisted of asphalt overlay with a concrete base. Mr. Gillis served as the Design-Build Coordinator and was responsible for creating and updating the design submittal schedule and developing and putting together all the design submittal packages. He was the single point of contact between the SCDOT Design-Build Group and the Design Team.		
08/2017 – 08/2022	DESIGN – BUILD US 21 Over Harbor River Bridge Replacement – Beaufort County, SC Mr. Gillis served as the Design Manager where he was responsible for coordinating all preconstruction activities such as bridge, road, geotechnical, and hydraulic design; right of way; permitting; and utility coordination. He also created and updated the design schedule, developed all the beginning design submittals, and managed the contractor’s portion of the design review process. Mr. Gillis created and submitted RFI’s and led semi-monthly design review meetings with the Design-Build team and the SCDOT review staff. This project consists of replacing the existing swing-span bridge over a tidal waterway/navigable channel which serves as the only means for vehicular transportation from the mainland to Harbor and Fripp Island.		

10/2015 – 11/2015	<p>DESIGN – BUILD US 176 over Cannon Creek Emergency Bridge Replacement – Newberry County, SC Mr. Gillis served as the Design-Build Coordinator for this project that consisted of the replacement of this bridge that was damaged beyond repair during the October 2015 flood. He was responsible for coordinating all the preconstruction activities such as bridge, road, geotechnical, and hydraulic design; right of way; permitting; and utility coordination. The project was designed, constructed, and opened to traffic 18 days ahead of the accelerated schedule. The 210-foot replacement structure utilized prestressed concrete beams, drilled shafts, and pile supported end bents.</p>
	<p>DESIGN – BUILD 13 Federal Aid Intersection Projects (CE&I & Design Review) – Various Counties, SC This Design-Build project consisted of providing safety improvements to 13 intersections in District 1 and District 7. The types of safety improvements consisted of three Single Lane Roundabouts, one Multilane Roundabout, eight realignments to include turning lanes with signalizations, and one realignment to provide a T-type intersection. All intersection projects were widened to include a two-foot paved shoulder except at intersections where curb and gutter existed. Mr. Gillis managed plan reviews for the Department and responded to RFIs.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	JOSH APSITIS		Years of relevant experience with this employer	1
Title	ENGINEERING AIDE		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 2016 / Civil and Environmental Engineering		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Apsitis will provide CPM SCHEDULE REVIEWS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
02/22 – 07/23	Henry Brown Boulevard Phase 2 – Berkeley County, SC The roadway is being widened from a two-lane section to three-lane section that includes a multi-use path, raised landscaped medians, painted medians, and dedicated left turn lanes at key intersections within the project limits. Montague Plantation Road is also being widened from a two-lane section to a four-lane section with a multi-use path and sidewalk. Additionally, the project includes major improvements to the intersection at US 52, Montague Plantation Road, and Old Mount Holly Road. Mr. Apsitis frequently reviews the contractor’s project schedule to gauge progress and verify that all submittals have been accepted and operations are commencing accordingly. He performs monthly CPM Schedule reviews for technical accuracy and logic and recommends strategies and/or modifications to the schedule in the event delays are anticipated.			
03/22–07/23	Glenn McConnell Parkway Widening (CE&I Services) – Charleston, SC This project involves improvements along Glenn McConnell Parkway (SC-461) for two miles between Bees Ferry Road (S-57) to the west and Magwood Drive (S-1865) to the east. It includes widening, a multi-use path along the eastbound side, sidewalk connectivity improvements, multiple bus pullouts and bus stop shelters, and enhancements to numerous intersections. Mr. Apsitis frequently reviews the contractor’s project schedule to gauge progress and verify that all submittals have been accepted and operations are commencing accordingly. He performs monthly CPM Schedule reviews for technical accuracy and logic and recommends strategies and/or modifications to the schedule in the event delays are anticipated.			
02/22 – 07/23	US 176 Widening (CE&I Services) – Berkeley County, SC This project involves widening 5.6 miles of US 176 from US 17-A to Nexton Parkway Extension from two to five lanes. It also includes water and sewer relocations of approximately 31,570 LF of waterline, 12,088 LF of sewer force main, and 800 LF of sewer gravity main. Mr. Apsitis frequently reviews the contractor’s project schedule to gauge progress and verify that all submittals have been accepted and operations are commencing accordingly. He performs monthly CPM Schedule reviews for technical accuracy and logic and recommends strategies and/or modifications to the schedule in the event delays are anticipated.			

3/22 – 05/23	Professional Services for East and West Container Yard Expansion – Greer, SC This project consisted of the East and West Container Yard Expansion at the Inland Port Greer Terminal. The West Expansion involves a 4.6 acre loaded container storage areas along with associated alternation of the existing stormwater detention pond. The East Expansion includes an 8.3-acre stacked empty container storage and chassis parking area including alteration of the East Pond. Mr. Apsitis was instrumental in managing and monitoring the developed schedule and kept the SCPA's Project Manager informed of items that may have affected milestone dates. He assisted with reviewing the subconsultant activities to ensure schedule adherence and reviewed construction phasing planning and design details for compliance of the contract milestone delivery schedules for the completed portion of the Program.
--------------	--

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	ROSS JONES, PE, PLS		Years of relevant experience with this employer	10
Title	ENGINEER		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		MS, / 2000 / Environmental Health (Health Science Water Quality) BS, /1995 / Wildlife Biology		
Active registration number / state / expiration date		49880 / NC / 12-31-2023 L-3591 / NC / 12-31-2023 34420 / SC / 06/30-2024 91778 / FL / 02-28-2025 LS7422 / FL / 02-25-2025		
Year registered	2020 (NC) 2017(SC) 2022(FL)	Discipline	Professional Engineering – Civil & Professional Land Surveying	
Contract role(s) / brief description of responsibilities		Mr. Jones will provide SURVEY VERIFICATION on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
5/2015 – 11/2018	FEATURED PROJECT DESIGN – BUILD 85/385 Gateway Project, Construction Management & CEI – Greenville, SC Mr. Jones served as the Survey Manager and Lead Surveyor responsible for managing a survey verification crew. This Design-Build project involved interstate improvements consisting of reconfiguring a new interchange within the general footprint of the existing interchange by staging construction of the new lanes, ramps, and bridges while maintaining traffic. It also included widening of I-385 through the project limits and improvements were made to Roper Mountain Road, Woodruff Road, Garlington Road, Miller Road, and Chrome Drive. Additionally, the work consisted of twelve new bridge structures, including two flyovers, and modifications to the substructure of one existing bridge.			
12/2014 – 11/2015	FEATURED PROJECT DESIGN – BUILD I-85 Widening (MM 80 to 96) – Spartanburg and Cherokee Counties, SC Mr. Jones served as a Surveyor for this project that consisted of the development of the Environmental Assessment and Design-Build preparation for widening approximately 16 miles of interstate. Along the approximately 16-mile project area, interchanges at Exit 83 – Battleground Road (SC 110), Exit 87 – Green River Road (S-39), Exit 95 – Pleasant School Road (S-82), and Exit 96 – Shelby Highway (SC 18) were modified to bring them into compliance with state and federal design requirements. The project also included adding a travel lane in each direction, improving various interchanges and exit ramps, and replacement of overpass bridges. Mr. Jones was responsible for providing property research for establishing right-of-way plat and property owners throughout the intersections. He also generated right of way maps for design team and processed topographic survey data collected from the field.			

10/2019 – 05/2021	<p>Fred Nash Boulevard Widening and Extension – Horry County, SC SCDOT, in conjunction with Horry County, selected ICE to provide engineering services for the widening of Fred Nash Boulevard to a three-lane section and extending the roadway from its current termini to a proposed intersection with Harrelson Boulevard in Horry County. Mr. Jones served as the Survey Manager responsible for managing survey crews. The survey crews were responsible for establishing project survey control and Best Fit Existing Roadway Alignment (ERA), conducting public records research, field surveying detectable property monuments, developing property strip maps and existing road ROW, developing 3D Digital Terrain Model (DTM), surveying planimetric (2D) data, surveying drainage features and existing storm drainage structures, surveying gravity sanitary sewer manholes with connectivity, performing new and existing ROW staking, surveying geotechnical bore holes, and maintaining appropriate signage for traffic control</p>
03/2013 – 07/2015	<p>(SC-602) Platt Springs Road CE&I – Lexington, SC Mr. Jones processed data sent in from the field on this six-mile highway widening project and used it to create as-built drainage drawings for the entire project using MicroStation and GEOPAK. He was also responsible for keeping these as-built drawings up-to-date as changes were made in the field. This project consisted of widening the existing two-lane roadway section with open ditches to a five-lane roadway with curb and gutter, sidewalk, bike lanes and a closed drainage system. The work also included improvements to the numerous side roads that intersect with Platt Springs Road. A significant realignment was made at a five-way signalized intersection to improve the efficiency and safety. Portions of the project were located in environmentally sensitive areas and ICE was responsible for ensuring that the contractor's work complies with the environmental permits and current regulations. The project also included the replacement of an existing three-barrel box culverts as well as extending and/or replacing several other pipe culverts that are in live streams.</p>
11/2019 – 07/2022	<p>I-26 Widening & S-16 (Jedburg Road) Interchange – Berkeley County, SC Mr. Jones served as a Survey Manager for this large-scale construction project which includes the staged reconstruction and improvement of the existing Jedburg Road Overpass and Interchange and the widening of approximately three miles of I-26 between MM 193 and 197. His responsibilities include calculating coordinates for all aspects of bridge and roadway components. He provided verification services during construction to help eliminate errors to keep the project on schedule, eliminate rework and save money. He reviewed plans and provided comments to help reduce errors in survey layout and construction.</p>
03/2013 – 07/2013	<p>(US-278) Water Quality Enhancement – Beaufort, SC For this water quality enhancement project in Beaufort County, Mr. Jones completed an entire tree survey of three different tracts. After completing the survey, Mr. Jones imported the survey data using MicroStation and GEOPAK to create a complete site plan of all trees on location. He also input this data into an excel spreadsheet for the easy generation of tree reports based on type, size and location.</p>
09/2019 – 11/2021	<p>DESIGN – BUILD US 21 Bridge over Harbor River – Beaufort County, SC This Design-Build project consists of replacing the existing swing-span bridge over a tidal waterway / navigable channel which serves as the only means for vehicular transportation from the mainland to Harbor and Fripp islands. The replacement bridge is a fixed high-level structure (3,340' long) with two 12' lanes with 10' paved shoulders, providing 90' of horizontal and 65' vertical clearance for river navigation. Mr. Jones provided office and field support for survey crews. He calculated and provided layout points which included foundation points, beam layout, bridge deck grades, anchor bolt layout points, and deck camber calculations.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 	
Name	BOBBY MULLINS
Title	INSPECTOR – LEAD
Years of relevant experience with this employer	3
Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	<p><u>Certifications:</u> ATSSA Flagger, TCT, TCS LaDOTD Embankment / Base Course LaDOTD Asphaltic Concrete Paving LaDOTD Structural Concrete LaDOTD PCC Paving</p>
Active registration number / state / expiration date	N/A
Year registered	N/A
Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Mullins will serve as LEAD INSPECTOR on this contract.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
PROJECT EXPERIENCE:	
03/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Mullins provides needed, supervisory inspection and testing services on the first phase of the Kansas Lane Extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).
05/23 – Present	US Highway 165 Turn Lanes – Sterlington, LA – Inspector. Mr. Mullins is providing as-needed, supervisory inspection and testing services on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site.
08/22 – Present	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector. Mr. Mullins is providing inspection services on the replacement of the Bonita Railroad Overpass.
06/22 – Present	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Mullins is providing inspection services on the replacement of the Boeuf River Bridge.
12/20 – Present	Various Airfield Projects – Statewide, LA – Lead Inspector. Mr. Mullins is providing senior inspection services for a variety of airfield projects including a runway rehabilitation at False River Regional Airport, a taxiway widening at Houma-Terrebonne Airport, and a jet bridge installation at Lake Charles Regional Airport.



03/20 – 12/20	Montgomery Avenue – West Monroe, LA – Lead Inspector. This project included sidewalk replacement, constructed handicap ramps, laying cross drainpipe, formwork inspection, steel inspection, concrete inspection/testing, and asphalt inspection/testing including ADA inspections including sidewalks, bike paths, ramps, sidewalk/bike path RR crossing. Mr. Mullins was responsible for concrete, embankment, and asphalt inspections, batch plant inspections, material sampling (2059), SiteManager/SiteManager Materials data entry, quality assurance services for the asphalt cold planning, PCC patching, and asphalt overlay. All work was completed according to DOTD specs.
03/19 – 12/20	North 4th Street – West Monroe, LA – Lead Inspector. This project included construction of sidewalk and handicap ramps, laying cross drainpipe, formwork inspection, steel inspection, concrete inspection/testing, and asphalt inspection/testing. Mr. Mullins was responsible for concrete, embankment and asphalt inspections, batch plant inspections, material sampling (2059), SiteManager/SiteManager Materials Data entry, quality assurance services for the asphalt cold planning, PCC patching, and asphalt overlay. Because the roadway lies under the jurisdiction of DOTD, all work was required to be completed according to DOTD specs.
03/16 – 11/18	US 90 (Future 1-49) Widening – Broussard, LA – Primary Inspector. Mr. Mullins provided owner verification (OV) and inspection services for this project that lies under the jurisdiction of LaDOTD. All inspection work was required to be completed according to DOTD specs utilizing DOTD forms. The scope of work included construction of sidewalks, embankment inspection / testing, asphalt paving inspection, formwork inspection, steel inspection, pile driving inspection, and concrete inspection/testing.
04/90	LA 546 – Monroe, LA – Primary Inspector. Mr. Mullins inspected the pipe installation and excavation and embankment. He also assisted with drill shafts, caps, diaphragms, setting girders, seeding, stripping, and surveying.
05/93 – 03/94	Kansas Lane – Monroe, LA – Primary Inspector. Mr. Mullins was responsible for performing inspection services for this project that consisted of the removal of existing structures, pipe installation, HMA paving, PCC paving, traffic striping, and construction of new drainage structures.
05/94	LA 610 – Monroe, LA – Primary Inspector. Mr. Mullins was responsible for performing inspection services for this project that consisted of the removal of existing structures, pipe installation, excavation and embankment, lime treatment, base course, HMA paving, seeding, striping, and surveying.
10/95	Turn Lane at 557 – Monroe, LA – Primary Inspector. Mr. Mullins was responsible for performing inspection services for this project that consisted of excavation and embankment, pipe installation, base course (stone), HMA paving, striping, and erosion control.
12/95	Bennett Bayou Bridges – Monroe, LA –Inspector. Mr. Mullins assisted in the inspection of excavation and embankment, structural concrete (box culvert), HMA paving, seeding, and striping.
04/96 – 11/97	Highway 2 – Farmerville, LA – Inspector. Mr. Mullins assisted in the inspection of excavation and embankment, structural concrete (box culvert), pipe installation, and soil cement
01/93 – 08/94	Chaney Lake Phase III – Monroe, LA – Primary Inspector. Mr. Mullins was responsible for performing inspection services for this project that included excavation and embankment, pipe installation, base course (soil cement), HMA paving, seeding, striping, and surveying.

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	JASON ONELLION		Years of relevant experience with this employer	3
Title	INSPECTOR – CERTIFIED		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		<u>Certifications:</u> ATSSA Flagger, TCT, TCS LaDOTD Embankment / Base Course LaDOTD Asphaltic Concrete Paving LaDOTD Structural Concrete LaDOTD PCC Paving / Plant		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Onellion will serve as an INSPECTOR – CERTIFIED on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
03/23 – Present	Kansas Lane Extension – Monroe, LA – Lead Inspector. Mr. Onellion is the Lead Inspector on the first phase of the Kansas Lane Extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).			
04/22 – 12/22	LA1: Port Allen Canal Bridge Replacement Phase 1 HBI CE&I – West Baton Rouge Parish, LA – Certified Inspector (Subconsultant to Richard C. Lambert Consultants, LLC). Inspector for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Drive, and 2 at grade railroad crossings in Port Allen, LA in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Drive will be Asphalt Concrete Pavement.			
03/20 – 09/20	Loyola Drive Interchange – Jefferson Parish, LA – Lead CQCF Inspector. Project included concrete reinforcing inspection, concrete pours, pile driving, earthwork, and concrete paving inspection QA/QC services. This was under the jurisdiction of LaDOTD so all inspection work was required to be completed according to DOTD specs and utilizing DOTD forms. The scope of work included embankment inspection / testing, concrete paving inspection, formwork inspection, steel inspection, pile driving inspection, and concrete inspection/testing. Responsibilities included ensuring inspectors were scheduled for daily project operations, ensuring all sampling and testing were performed, and entering all data into SiteManager.			
12/19 – 03/20	Woodmere Boulevard – Jefferson Parish, LA – Lead Inspector. Services included formwork inspection, steel inspection, ADA (sidewalks and ramps), concrete inspection/testing, batch plant inspections, material sampling (2059), SiteManager/SiteManager Materials data entry and QA/QC services for the PCC patching for Jefferson Parish. All work was completed according to DOTD specs.			

04/19 – 03/20	<p>Montgomery Avenue – West Monroe, LA – Primary Inspector. This project consisted of providing quality assurance services for the asphalt cold planning, PCC patching, and asphalt overlay. Because the roadway lies under the jurisdiction of Louisiana DOTD, all work was required to be completed according to LaDOTD specs. The scope of work included concrete, embankment, and asphalt inspection, batch plant inspections, material sampling (2059), SiteManager/SiteManager Materials Data entry, laying cross drainpipe, formwork inspection, steel inspection and ADA inspections including sidewalks, bike paths, ramps, sidewalk/bike path RR crossing.</p>
04/19 – 12/19	<p>North 4th Street – West Monroe, LA – Primary Inspector. This project consisted of providing quality assurance services for the asphalt cold planning, PCC patching, and asphalt overlay. Because the roadway lies under the jurisdiction of LaDOTD, all work was required to be completed according to LaDOTD specs. The scope of work included laying cross drainpipe, formwork inspection, steel inspection, concrete inspection/testing, ADA (sidewalks and ramps), and asphalt inspection/testing. Jason was responsible for concrete, embankment, and asphalt inspection and batch plant inspections, material sampling (2059), and SiteManager/SiteManager Materials Data entry.</p>
06/18 – 04/19	<p>I-10 Highland to LA 73 Widening – Baton Rouge, LA – Primary/Lead Inspector. This project consisted of providing QA/QC services for the widening of I-10 in Baton Rouge, Louisiana. Because the road lies under the jurisdiction of LaDOTD, all inspection work was required to be completed according to LaDOTD specs and utilizing LaDOTD forms. The scope of work included embankment inspection/testing, concrete paving inspection, formwork inspection, steel inspection, pile driving inspection, and concrete inspection/testing. Jason was responsible for concrete reinforcing inspection, concrete pours, pile driving, earthwork, and Concrete Paving inspection.</p>
05/15 – 09/16	<p>West Causeway Approach – Jefferson Parish, LA – Primary Certified Inspector. Project consisted of inspecting and testing for ADA-compliant sidewalks and ADA ramps, extending turn lanes, curb and gutter and adding bulb-outs. Since the roadway lies under the jurisdiction of LaDOTD, all work was required to be completed according to DOTD's specs. The scope of work included embankment inspection / testing, asphalt paving inspection, formwork inspection, steel inspection, and concrete inspection testing.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 			
Name	CARL HARWELL	Years of relevant experience with this employer	1
Title	MATERIALS MANAGEMENT ENGINEER (INSPECTOR -CERTIFIED)	Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization	<u>Certifications:</u> ATSSA Flagger, TCT, TCS LaDOTD Embankment / Base Course LaDOTD Structural Concrete LaDOTD Asphaltic Concrete Paving LaDOTD PCC Paving LaDOTD District Laboratory Operator		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities		Mr. Harwell will provide MATERIALS MANAGEMENT and INSPECTION services for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
LaDOTD PROJECT EXPERIENCE:			
03/23 – Present	Kansas Lane Extension – Monroe, LA – Lab Manager. Mr. Harwell provides supervisory testing services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).		
05/23	US Highway 165 Turn Lanes – Sterlington, LA – Lab Manager. Mr. Harwell is providing supervisory testing services on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site.		
08/22 – Present	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector and Lab Manager. Mr. Harwell is providing inspection and lab testing services on the replacement of the Bonita Railroad Overpass.		

06/22 – Present	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector and Lab Manager. Mr. Harwell is providing inspection and lab testing services on the replacement of the Boeuf River Bridge.
07/87 – 04/22	<p>LaDOTD District 05 – Monroe, LA – Engineering Technician 7. Mr. Harwell provided supervision of field and laboratory technicians. During his time at the LaDOTD District 05 Materials Lab, Mr. Harwell worked with Project Managers to schedule and perform, if needed, the daily field and laboratory tasks. He established work standards in coordination with the Civil Department Manager, determining the number and qualifications of personnel, as well as the equipment and material necessary, to satisfy workload demands. Mr. Harwell also directed and coordinated a staff of field and laboratory technicians in the testing of a wide variety of materials. He ensured that the department had the necessary resources. He monitored testing activity to ensure that tests and observations were properly performed and logged. He also assisted the Civil Department Manager with technical development and validation of new methods, as well as modifications to existing methods. Mr. Harwell also performed related work as required maintaining AASHTO and DOT accreditations. Projects Mr. Harwell provided testing services for over the course of his tenure include:</p> <p>04/17 – 04/22: Arkansas Road 5/95 Forsythe Extension 01/20 – 02/21: Vicksburg Bridge Resurfacing 05/95 – 03/95: Kansas Lane 01/93 – 08/94: Caney Lake Phases I & II 01/88 – 01/90: I-20: Millhaven – Start</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 	
Name	WILL HARWELL
Title	INSPECTOR-CERTIFIED
Years of relevant experience with this employer	1
Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	<p><u>Certifications:</u> ATSSA Flagger, TCT, TCS LaDOTD Embankment / Base Course LaDOTD Asphaltic Concrete Paving LaDOTD Structural Concrete LaDOTD Asphaltic Plant LaDOTD PCC Paving LaDOTD Concrete Field Tester LaDOTD Asphalt Plant Technician LaDOTD Profile Inspector Nuclear Gauge Safety Training</p>
Active registration number / state / expiration date	N/A
Year registered	N/A
Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Harwell will serve as an INSPECTOR-CERTIFIED on this contract.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
PROJECT EXPERIENCE:	
03/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Harwell is providing as needed inspection services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).
05/23	US Highway 165 Turn Lanes – Sterlington, LA – Inspector. Mr. Harwell is providing as needed inspection on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site.
08/22 – Present	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector. Mr. Harwell is providing inspection services on the replacement of the Bonita Railroad Overpass.
06/22 – Present	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Harwell is providing inspection services on the replacement of the Boeuf River Bridge.
12/18 – 08/22	LaDOTD District 05 – Monroe, LA – Engineering Technician 5. Mr. Harwell served as a Senior Inspector on the following projects: LA 818 and LA550 Cross Drain Replacement Cypress Creek Bridge I-20 Ramp Rehabilitation – Lincoln and Ouachita Parishes.



07/17 – 12/18	LaDOTD District 05 – Monroe, LA – Engineering Technician 3-4. Harwell served as the co-lead inspector on the I-20 concrete patching project. His responsibilities included handling all SiteManager work necessary for the project and working directly with the contractor to assure all work met state specifications.
07/16 – 07/17	LaDOTD District 05 – Monroe, LA – Engineering Technician 2. Mr. Harwell's responsibilities included helping lead inspectors on state construction projects. Projects Mr. Harwell provided inspection services for over the course of his tenure include: I – 20 District Wide Asphalt Patching Job (Mississippi River Bridge, Vicksburg – Bienville Parish Line) Jackson Street Revitalization – Monroe.
07/15 – 07/16	LaDOTD District 05 – Monroe, LA – Engineering Technician 1. Mr. Harwell's responsibilities included helping lead inspectors on state construction projects. Projects Mr. Harwell provided inspection services for over the course of his tenure include: Ruby Road Bridge Steep Bayou Bridge Replacement (Highway 80) – West Monroe on Hwy 80.

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	ZAC CORRENT		Years of relevant experience with this employer	<1
Title	INSPECTOR – CERTIFIED		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		<u>Certifications:</u> ATSSA Traffic Control Supervisor LaDOTD Embankment / Base Course Nuclear Gauge Safety Training		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Corrent will serve as an INSPECTOR – CERTIFIED on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
LaDOTD PROJECT EXPERIENCE:				
03/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Corrent is providing as-needed inspection services on the first phase of the Kansas Lane Extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).			
05/23	US Highway 165 Turn Lanes – Sterlington, LA – Inspector. Mr. Corrent is providing lead inspection on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site			
08/22 – Present	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector. Mr. Corrent is providing inspection services on the replacement of the Bonita Railroad Overpass.			
06/22 – Present	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Corrent is providing inspection services on the replacement of the Boeuf River Bridge.			
2022	Birdsong Construction Laboratory Services – Monroe, LA – Laboratory Technician. This project involves paving Frontage Road in Monroe. As a laboratory technician, Zac assisted with laboratory and inspection services by taking slump and four cylinders every 100 cubic yards on the building slab and four cylinders every 200 cubic yards on the paving. He was responsible for the sampling and testing the completing the associated paperwork in accordance with all specifications and standards.			
2022	Pilgrim Construction Laboratory Services – Monroe, LA – Senior Inspector. Mr. Corrent served as an inspector responsible for curing, capping and determining compressive strength of molded concrete cylinders that were sampled on site and delivered to the lab.			

2022	<p>Leesville Airport North Ramp Taxilane & Drainage Bidding & Construction – Leesville, LA – Senior Inspector. Mr. Corrent is serving as a senior inspector and his responsibilities included inspecting roadway and structures for conformance to plans and specifications, performing calculations and computations, advanced QC testing and document results, and reviewing application materials. This project consisted of constructing a taxilane system that connects the existing apron to a proposed T-hangar facility. The total pavement area that will be constructed is 4,350 SY. This facility will serve a future T-hangar with a dimension of 60 x 192 ft.</p>
12/17 – 01/22	<p>Louisiana Department of Transportation and Development – Monroe, LA – Engineering Technician III. Mr. Corrent served as an engineering technician level III at the Louisiana Department of Transportation and Development. At the Department, his responsibilities included ensuring proper materials are being used for roadway construction along with proper installation, taking samples and testing materials for verification purposes, and utilizing Headlight and Site Manager Materials for quantity and payment procedures.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	DANNY CORRENT		Years of relevant experience with this employer	1
Title	INSPECTOR – CERTIFIED		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		<u>Certification:</u> LADOTD Structural Concrete Inspector LADOTD PCC Paving Inspector LADOTD Asphalt Plant Technician LADOTD Embankment & Base Inspector LADOTD Asphalt Paving Inspector		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Corrent will serve as a MATERIAL LAB TECHNICIAN and INSPECTOR-CERTIFIED on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
LaDOTD PROJECT EXPERIENCE:				
02/23 – present	Kansas Lane Extension – Monroe, LA – Materials Lab Technician. Mr. Corrent is providing testing services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 167).			
09/22 – 06/23	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector and Lab Technician. Mr. Corrent is providing inspection and lab testing services on the replacement of the Bonita Railroad Overpass.			
07/22 – 12/22	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector and Lab Technician. Mr. Corrent is providing inspection and lab testing services on the replacement of the Boeuf River Bridge.			



16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	LEE MULLINS		Years of relevant experience with this employer	1
Title	INSPECTOR		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		Certifications: ATSSA Traffic Control Flagger Troxler Compaction and Density Testing Nuclear Gauge Safety Training		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Mullins will serve as an INSPECTOR on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
01/23 – 05/23	Leesville Municipal Airport North Ramp Construction – Leesville Municipal Airport , LA – Inspector. Mr. Mullins is providing as needed inspection services on the construction of a North Ramp under the supervision of Mr. Bobby Mullins.			
04/23 – Present	Lakefront Airport – New Orleans, LA – Inspector. Mr. Mullins is providing as needed inspection services on various projects at the Lakefront Airport under the supervision of Mr. Bobby Mullins.			
04/23 – Present	Houma – Terrebonne Airport Taxiway Extension – Houma, LA – Inspector. Mr. Mullins is providing as needed inspection services on Taxiways Echo and Foxtrot extension under the supervision of Mr. Bobby Mullins.			
02/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Mullins is providing as needed inspection services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 167).			
09/22 – 06/23	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector. Mr. Mullins is providing inspection and testing services on the replacement of the Bonita Railroad Overpass.			
07/22 – 12/22	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Mullins is providing inspection and testing services on the replacement of the Boeuf River Bridge.			

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	ROBBIE WATKINS		Years of relevant experience with this employer	0.5
Title	INSPECTOR		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		Certifications:		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Watkins will serve as an INSPECTOR on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
03/23 – Present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Watkins provides needed, supervisory inspection and testing services on the first phase of the Kansas Lane Extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 165).			
05/23 – Present	US Highway 165 Turn Lanes – Sterlington, LA – Inspector. Mr. Watkins provides is providing as-needed, supervisory inspection and testing services on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site.			
08/22 – Present	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Mr. Watkins provides inspection services on the replacement of the Bonita Railroad Overpass.			
06/22 – Present	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Watkins is providing inspection services on the replacement of the Boeuf River Bridge.			

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	ANDREW DONDIS		Years of relevant experience with this employer	1
Title	INSPECTOR		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		Certifications:		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Dondis will serve as an INSPECTOR on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
04/23 – Present	Houma – Terrebonne Airport Taxiway Extension – Houma, LA – Inspector. Mr. Dondis is providing as needed inspection services on Taxiways Echo and Foxtrot extension under the supervision of Mr. Bobby Mullins.			
02/23 – present	Kansas Lane Extension – Monroe, LA – Inspector. Mr. Dondis is providing as needed inspection services on the first phase of the Kansas Lane extension in Monroe. This project will extend Kansas Lane to the northwest and connect the road with Sterlington Highway (Highway 167).			
09/22 – 06/23	Bonita Railroad Overpass Replacement – Morehouse Parish, LA – Inspector. Mr. Dondis is providing inspection and testing services on the replacement of the Bonita Railroad Overpass.			
07/22 – 12/22	Boeuf River Bridge Replacement – Kilbourne, LA – Inspector. Mr. Dondis is providing as-needed inspection and testing services on the replacement of the Boeuf River Bridge.			
05/23 – Present	US Highway 165 Turn Lanes – Sterlington, LA – Inspector. Mr. Dondis provides is providing as-needed, supervisory inspection and testing services on the installation of turn lanes on Sterlington Highway (Highway 165) near Sterlington, LA. These turn lanes are being installed near the proposed site for a new school and will mitigate heavy traffic flow as well as improve safety for motorists and pedestrians at the site.			

16. STAFF EXPERIENCE (CONT.)

Firm employed by:				
Name	TODD STEAGALL, PE	Years of relevant experience with this employer	5	
Title	SUPERVISOR - ENGINEER	Years of relevant experience with other employer(s)	28	
Degree(s) / Years / Specialization		Bachelor of Science / 1990 / Civil Engineering		
Active registration number / state / expiration date		17651 / South Carolina / 06-30-2024		
Year registered	1996	Discipline		Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Stegall will provide INTERNAL AUDITS on this contract		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
05/90 -02/18	<p>05/90 – 02/18: South Carolina Department of Transportation – Statewide, South Carolina 10/13 – 02/18: SCDOT Director of Construction. Mr. Steagall was responsible for the overall management, technical support, issue resolution, and guidance for the \$3 Billion SCDOT statewide construction program. This included ensuring that the seven SCDOT District Construction Engineers and 40 Resident Construction Engineering offices were provided the resources necessary to deliver the construction program and meet the mission and goals of the agency. Technical support and contract assistance were supported through the State Construction Engineer’s staff as well as the Materials and Research Engineer and the Office of Materials and Research. He was responsible for ensuring that all projects were constructed in conformance with the plans and specifications as well as state and federal standards. Mr. Steagall also ensured that the Highway Letting Process met all state and federal procurement standards and regulations. He managed the approval of the Prime Contractor Prequalification process and worked closely with FHWA, SCDHEC, Contractors, and other agencies/groups. He also worked closely with the Association of General Contractors (AGC), the South Carolina Asphalt Paving Association (SCAPA), the American Concrete Paving Association (ACPA), as well as other industry groups. In addition, Mr. Steagall worked closely with local personnel on major projects including the I-85/385 interchange project, Port Access Road, Volvo Interchange, and the SC 41 Wando Bridge replacement. He supervised 125 employees within the Director of Construction Office and the Office of Materials and Research. <i>Reference: Randall Young, SCDOT (803) 737-7900</i></p>			
06/16 -02/18	<p>DESIGN – BUILD Port Access Road Design-Build Project – Charleston County, South Carolina Director of Construction. The SC Port Access Road connected I-26 to the South Carolina Ports Authority’s Hugh K. Leatherman Sr. Terminal and provided two inbound and two outbound lanes for port related traffic. The new fully directional interchange with I-26 serves local and commercial vehicles with a connector road to Bainbridge Avenue, an extension of Stromboli Avenue, as well as associated roadway improvements to surface streets. Mr. Steagall was responsible for ensuring team communication and coordination, issue resolution, contract interpretation, and budget and contract time resolution. <i>Reference: Randall Young, SCDOT (803) 737-7900</i></p>			

08/13 -11/16	<p>DESIGN – BUILD 08/13 – 11/16: I-26 Widening Design-Build – Lexington/Calhoun Counties, South Carolina Director of Construction. This project, partially staffed by the SCDOT District 1 CEI On-Call contract, consisted of widening, rehabilitating, and cross-slope correction of 20 miles of I-26. The widening portion included widening 10 miles of the interstate from four lanes to six with Hot Mix Asphalt (HMA), and the rehabilitation portion included resurfacing 10 miles of four-lane section. Also included under this contract was the replacement of the mainline bridges over CSX RR. Mr. Steagall was responsible for contract interpretation, issue resolution, budget and contract time resolution, and aiding District staff with contractor issues. <i>Reference: Randall Young, SCDOT (803) 737-7900</i></p>
05/02 – 07/05	<p>DESIGN – BUILD Arthur Ravenel (Cooper River) Bridge Design-Build Project – Charleston County, South Carolina Quality Management Engineer. The Arthur Ravenel Bridge is a cable stayed bridge over the Cooper River. At the time of construction, the 1,546 cable-stayed main spans were the longest in North America. It consisted of 128 cable stays suspended from two, 573-foot-tall towers which support structural steel girders and precast concrete deck panels. The project was constructed in five separate, simultaneous projects: two interchanges, two high-level approaches, and a main span. It included more than a mile of eight-lane high-level approaches and major interchanges. The main span was eight lanes wide with an additional 12-foot-wide bicycle and pedestrian lane, and the bridge was designed to withstand earthquakes, hurricanes, and ship impacts. This project also included the demolition of the existing Grace Memorial and Pearman Bridges. Mr. Steagall was responsible for performing regular Quality Management Team (QMT) project reviews, ensured quality of field construction and materials, and ensured quality of project documentation. <i>Reference: Leland Colvin, SCDOT (803) 737-7900</i></p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by:			
Name	JAY HAWKINS, PE	Years of relevant experience with this employer	5
Title	ENGINEER	Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization		Bachelor of Science / 1988 / Civil Engineering	
Active registration number / state / expiration date		16558 / South Carolina / 06-30-2024	
Year registered	1995	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Hawkins will provide INTERNAL AUDITS on this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
PROJECT EXPERIENCE:			
08/19 – 12/20	<p>I-26 Widening (MM 85-101) Final Design and QC Inspection/ Testing – Richland, Lexington, and Newberry Counties, SC Mr. Hawkins is serving as a compliance project manager responsible for performing preconstruction condition assessments (PCCA) on identified structures within or near the project limits as well as installing and monitoring ground vibration monitors in order to be in compliance with the SCDOT contract specifications. This Design-Build project includes 16 miles of widening and reconstruction, three new interchanges, and eight overpasses north of Columbia from mile marker 85 to 101. This project will reconstruct pavement, increase capacity, and upgrade interchanges and overpass bridges to meet state and federal design requirements. SCDOT intends to widen I-26 from four lanes to eight lanes from approximately Exit 101 (US 176) to just west of Exit 97 (US 176) and from four lanes to six lanes from just west of Exit 97 (US 176) to just west of Exit 85 (SC 202) in Richland, Lexington, and Newberry Counties. Interchanges will be improved at Exit 97 (US 176), Exit 91 (S-48), and Exit 85 (SC 202). Overpass bridges will be replaced at Koon Road, Shady Grove Road, Mt. Vernon Church Road, Old Hilton Road, Peak Street, Holy Trinity Church Road, and Parr Road.</p>		
2013 – 2018	<p>SCDOT Environmental Services Office (2013 to 2018) – Columbia, SC Mr. Hawkins served as a Program Manager II and Environmental Compliance Manager at SCDOT Headquarters. He was responsible for ensuring environmental compliance in accordance with NEPA and permit commitments on SCDOT construction projects statewide. This includes ensuring compliance inspections are performed by SCDOT staff as well as On-Call Environmental Compliance consultants. He coordinated with various resource and regulatory agencies to ensure compliance with all commitments. Mr. Hawkins also coordinated with SCDOT districts to ensure environmental commitments were met.</p>		
2007 – 2013	<p>SCDOT Construction Office (2007 to 2013) – Columbia, SC Mr. Hawkins served as an Engineer/Associate Engineer IV and a Quality Program Manager for SCDOT’s Construction Quality Management Team (QMT). He ensured Performance Reviews were performed on SCDOT construction projects statewide including conducting project site reviews in order to evaluate all aspects of the construction practices being performed and conducting project record reviews to evaluate project documentation. Mr. Hawkins ensured a Performance Review Report was generated for each review performed and prepared and lead various training presentations in conjunction with other offices within SCDOT as requested.</p>		



2001 – 2007	SCDOT Construction Office (2001 to 2007) – Columbia, SC Mr. Hawkins served as an Engineer/Associate Engineer III and a Quality Management Engineer. He assisted in performing Performance Reviews with the SCDOT Construction QMT and assisted in conducting the project site reviews as well as the project records reviews. Mr. Hawkins assisted in completing the Performance Review Report and preparing and helping lead various training presentations. He acted on behalf of the Quality Program Manager in his absence.
1994 – 2001	SCDOT District 2 Construction Office (1994 to 2001) – Newberry, SC Mr. Hawkins served as an Engineer/Associate Engineer II and Assistant Resident Construction Engineer. He was responsible for ensuring that all aspects of road and bridge construction inspection were met on SCDOT construction projects handled by the Newberry Construction Office. Mr. Hawkins ensured that daily inspection requirements were met, ensured the project was adequately staffed, and ensured that project records were completed in a timely manner. He also acted on behalf of the Resident Construction Engineer in his absence.
1991 – 1994	SCDOT District 2 Construction Office (1991 to 1994) – Newberry, SC Mr. Hawkins served as a Civil Engineering Associate I and II and performed all aspects of road and bridge construction inspection on SCDOT construction projects. He performed inspections of all contract work and ensured all work was in accordance with the specifications. He was responsible for completing project records in a timely manner.
1990 – 1991	SCDOT Civil Engineering Training Program (1990 to 1991) – District 2 and Columbia, SC Mr. Hawkins participated in the SCDOT Civil Engineering Training Program. He worked in various offices in District 2 as well as Headquarters learning the different aspects of the Department and how they all work together for the Department to perform its role.
1989 – 1990	SCDOT District 2 Construction Office (1989 to 1990) – Newberry, SC Mr. Hawkins served as a Civil Engineering Associate I and performed inspections of road and bridge construction projects to ensure all work was in accordance with the specifications. He also completed all required project records.

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	LYNDA MONROE		Years of relevant experience with this employer	10
Title	PUBLIC OUTREACH LIAISON (SUPERVISOR – OTHER)		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		AS / 1998 / Marketing and Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	Public Outreach and Communications	
Contract role(s) / brief description of responsibilities			Ms. Monroe will serve as a PUBLIC OUTREACH LIAISON on this contract	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
06/2021 - Present	<p>DESIGN – BUILD Carolina Crossroads Phases 1 & 2 - Phase 1: The Design-Build project involves a full access interchange at Colonial Life Boulevard and I-126 and a new exit ramp to US 378 from I-26 eastbound and associated interstate widening. The work also includes constructing a new westbound bridge along I-26 over the Saluda River with a ramp that crosses a CSXT Railroad and realignment of frontage and side roads. Phase 2: This is the second phase consists of the re-design and construction of the interchange at I-20 and Broad River Road to a highly innovative Offset Diverging Diamond Interchange (ODDI).</p> <p>For both projects, Ms. Monroe is responsible for attending public meetings, drafting construction alerts, advertisements and media announcements; providing project information for direct mailers; supporting and collaborating with the client PR team for public involvement; and assisting with providing weekly reports to the client and other project team members.</p>			
02/2016 – 03/2018	<p>I-77 Widening & Rehabilitation Project (MM 15 to MM 27) – Richland County, SC Ms. Monroe served as the Public Information Coordinator for the community relations task for this interstate widening project. The work involved widening the interstate by adding one lane in the median in each direction - for seven miles to include widening of 10 mainline bridges over roadways and streams. This section also included rehabilitation of an asphalt overlay with a concrete base and cross slope verification/correction. The work also included eight additional miles of pavement rehabilitation and cross slope verification/correction of southbound lanes. The pavement throughout the project consisted of asphalt overlay with a concrete base. (Project Value: \$91 Million)</p>			

02/2015 – 08/2018	<p>Federal Aid Bridge Replacement Project (Package E) – Cherokee, Chester, Fairfield, Lancaster, and York Counties, SC Ms. Monroe served as the Public Relations Coordinator on this project which includes the replacement of 12 deficient bridges in the upstate. Her responsibilities included preparing public notification correspondence for signature of the appropriate SCDOT Officials as required. She was also responsible for providing graphics for detours, notification letters, and press releases advising local media in advance of bridge and lane closures/openings. (Project Value: \$56 Million)</p>
02/2003 – 04/2005	<p>I-85 Widening Project – Mecklenburg County, NC Ms. Monroe served as a Project Technical Assistant on this project which extended south of the US 29/49 connector in Mecklenburg County, NC, to the Speedway/Concord Mills Boulevard in Cabarrus County, NC. She designed and maintained the project website that included a secure site for the NCDOT and Project Team as well as a public site to keep the community informed of the project's progress. She also created flyers for public distribution. (Project Value: \$84 Million)</p>
06/2005 - 04/2011	<p>Charleston County RoadWise Program – Charleston County, SC Ms. Monroe served as Office Manager and Community Relations Officer from inception in 2005-2011, for this County Transportation Sales Tax Program which includes 13 major bond-funded projects as well as numerous resurfacing, intersection, drainage, bicycle and pedestrian, and local road paving projects that were funded and selected annually by county council. She was responsible for coordinating public meetings, preparing press releases and media notifications, developing and maintaining the program website, and preparing presentations, flyers and newsletters for the public and Charleston County. (Program Value: \$1.3 Billion)</p> <p>Public Meetings/Hearings: Ms. Monroe coordinated over 50 public meetings and/or hearings to inform the public of upcoming projects in their communities and to solicit public comments about proposed impacts the project may have. She generated notification letters and press releases informing the community of the upcoming meetings, she organized a team of representatives to attend the meetings and assist with greeting citizens, answering questions, taking comments, set-up and tear-down. She prepared slide-show presentations and flyers to include the project's need, purpose, goal and schedule. After the meetings, Ms. Monroe reviewed citizen comments, created a summary of comments and submitted the summary to the County for review. When applicable, she prepared letters to address each comment.</p> <p>Press Releases/Notifications: Ms. Monroe assisted the County Public Information Officer in preparing draft press releases and notifications regarding newsworthy events related to the Sales Tax Program. These press releases primarily consisted of public meeting notifications, lane closure notifications, traffic alerts, and major milestone updates. The notifications conformed to the County's Public Information Office standards and included all required information necessary for quick and easy dissemination.</p> <p>Development and Maintenance of the Program Website: During the preliminary stages of the Sales Tax Program, Ms. Monroe developed a public website to be utilized throughout the duration of preconstruction and construction of projects funded by the sales tax dollars. The website consisted of the Program need, background and funding information, project lists and specifics (location, schedule, progress, etc.), a photo gallery, public meeting schedules, flyers, presentations, FAQs, and an electronic public comment form. Ms. Monroe kept the website up-to-date with the latest information available and responded to public comments received through the website.</p> <p>Graphic Design: Ms. Monroe was responsible for creating/developing PowerPoint presentations for all Transportation Sales Tax program related meetings including Public Meetings, Program Status Meetings, OJT Workshops, and DBE Meet & Greets. She was also responsible for designing the graphics for presentations, project flyers, public meeting handouts, postcards, and the Website. These illustrations included detour maps, project location maps, schedules, graphs, charts, and tables.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by: 				
Name	MALLORY WALL PADGETT		Years of relevant experience with this employer	3
Title	PUBLIC OUTREACH LIAISON (SUPERVISOR – OTHER)		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 2006 / Mass Communication MA / 2010 / Education		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	Public Outreach and Communications	
Contract role(s) / brief description of responsibilities		Ms. Wall-Padgett will serve as a PUBLIC OUTREACH LIAISON on this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
PROJECT EXPERIENCE:				
06/2021 - Present	<p>DESIGN – BUILD Carolina Crossroads Phases 1 & 2 - Phase 1: The Design-Build project involves a full access interchange at Colonial Life Boulevard and I-126 and a new exit ramp to US 378 from I-26 eastbound and associated interstate widening. The work also includes constructing a new westbound bridge along I-26 over the Saluda River with a ramp that crosses a CSXT Railroad and realignment of frontage and side roads. Phase 2: This is the second phase consists of the re-design and construction of the interchange at I-20 and Broad River Road to a highly innovative Offset Diverging Diamond Interchange (ODDI).</p> <p>For both projects, Ms. Wall-Padgett is providing as needed support for drafting construction alerts, advertisements and media announcements; providing project information for direct mailers; supporting and collaborating with the client PR team for public involvement; and assisting with providing weekly reports to the client and other project team members.</p>			
01/22 – Present	<p>Proposal Development Services – Florida Ms. Wall-Padgett provides technical writing and proposal development services for ICE PLLC in Florida. She is responsible for developing proposals and presentations for various FDOT and county/municipal officials. She facilitates and coordinates communications outreach across the state, resulting in over \$8 Million in projects to-date.</p>			
07/20 – 10/22	<p>Airport Capital Improvement Planning and Funding Acquisition – Louisiana Ms. Wall-Padgett provided strategic planning and communication services to various airports across the state of Louisiana. She worked with local entities, owners/clients, elected/state officials, and engineers/architects to develop and submit annual capital improvement plans to the LaDOTD and FAA. Under Ms. Wall-Padgett’s leadership, numerous airports received FAA and LaDOTD grants for critical safety and development projects at seven different LA airports. She also managed capital outlay requests for six Louisiana airports, resulting in more than \$2 Million being secured for these clients.</p>			

10/20 – 11/21	Disaster Recovery Services – Cities of DeQuincy and Vinton, Louisiana Ms. Wall- Padgett provided strategic communications services and coordination to the cities of DeQuincy and Vinton after Hurricanes Laura and Delta, including facilitating site visits for state-wide leaders and elected officials resulting in over \$800,000 in state grants being issued to the cities. Ms. Wall-Padgett provided technical writing assistance for FEMA-related applications as well as prepared press-releases and talking points for city officials.
---------------	--

16. STAFF EXPERIENCE (CONT.)

Firm employed by: Richard C. Lambert Consultants, LLC				
Name	Richard C. Lambert, PE		Years of relevant experience with this employer	36
Title	Principal-In-Charge (Principal)		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Bachelor of Science, 1980, Civil Engineering / Tulane University		
Active registration number / state / expiration date		22167 / LA / 09/30/23		
Year registered	1986	Discipline	Professional Engineer – Civil	
Contract role(s) / brief description of responsibilities		Mr. Lambert will assume the role of Principal Professional Engineer registered in the State of Louisiana and a LA Registered Professional Engineer in Civil Engineering.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
1987-Current	As founder of Richard C. Lambert Consultants, LLC and RCL Architecture, LLC, Richard Lambert has developed diverse experience in many engineering disciplines including a solid foundation in all aspects of Construction Management. Mr. Lambert performed the Planning, Design, and Construction Administration of major public projects and contracts producing them on time and in a manner that has resulted in litigation-free public bidding and the successful completion of many diverse public projects. Mr. Lambert has been able to resolve disputes with public contractors in a way acceptable to all parties and has dedicated himself to the interests of his clients. As a policy, the firm has adopted all LADOTD protocol related to relationships with Vendors, Contractors, and other entities and the firm recognizes its responsibility in expending public funds for public projects. All employees are expected to conduct themselves with the highest ethical codes.			
12/20 – Current	SPN: H.001234: LA1: Port Allen Canal Bridge Replacement Phase 1 HBI CE&I, West Baton Rouge Parish			
06/20 – Current	SPN: H.00781, H.000710, H.002273, and H.001352: Comite Diversion Canal CE&I and Utility Relocation Routes: US61, LA964, LA19, and LA67, East Baton Rouge Parish			
01/23 - Current	H.003047: Pecue Lane / I-10 Interchange (CE&I), East Baton Rouge Parish			
08/05 – 06/09	Project No. 454-04-0073: I-12 Pinnacle Pkwy. / Brewster Road Tchefoncte Interchange			
06/04 – 08/05	Project No. 059-01-0020: I-12 at LA 21 Northbound Roadway Improvements			
02/05 – 09/06	Project No. 059-01-0021: I-12 at LA 21 Southbound Roadway Improvements			
08/07 – 07/11	Project No. 059-01-0027 & 454-04-0082, FAP No. ARR-5209(511): I-12/LA21 Interchange Improvements			
10/05 – 02/10	Project No. 059-01-0026: LA 21 Improvements (Ochsner Blvd– LA 1085)			
11/17 – Current	H.011276 & H.011794: NO Airport Connector Road Segments A & B, Jefferson Parish			
03/18 – 02/19	H.007275.6: St. Charles Avenue (Nashville to LA Ave), Orleans Parish			
05/19 – Current	H.011731.6: West Esplanade Bridges @ Duncan Canal			
05/12 – 05/13	Project No. H.006136: Metairie Court Bridge over Canal No. 4, Jefferson Parish			

08/14 – 06/15	Project No. H.009441: Veterans Blvd. Overlay and Bridge Modifications, Jefferson Parish
07/11 – 08/12	Project No. 713-36-0106: Martin Road Bridge over Morrison Canal, New Orleans, LA
05/09 – 06/11	Project No. 713-26-0105: 26th Street Bridge over Canal No. 17, Jefferson Parish
09/19 – 08/20	Covington CA&O West 11th Avenue Bridge Replacement
05/17 – 02/19	H.009028 Airline Park Blvd: W. Metairie Ave – 0.4 mi N, Jefferson Parish
05/14 – 06/16	H.0007177: Ames Blvd. Improvements (Barataria to East Ames), Jefferson Parish
11/10 – 06/12	Project No. 742-26-0066: Segnette Blvd. Overlay, Jefferson Parish
2000 – 2005	Project No. 742-07-0092: West Napoleon Avenue (David Dr. to Roosevelt Ave.), Jefferson Parish
01/21 – Current	SPN: H.007160.6: Entity Contract EBR Computerized Traffic Signal, PH VB (CE&I), East Baton Rouge Parish
10/05 – 02/10	Project No. 059-01-0026: LA 21 Improvements (Ochsner Blvd– LA 1085)
11/09 – 09/11	Ochsner Blvd. (LA 21 to Bootlegger Road)(Urban Collector 1)

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Franz Zemmer, PE	Years of experience with this firm/employer	25
Title	QA/QC Manager (Supervisor – Eng.)	Years of experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization		Bachelor of Science, 1994, Civil Engineering, Louisiana State University	
Active registration number / state / expiration date		28232 / LA / 03/31/2023	
Year registered	1998	Discipline	Civil
Contract role(s) / brief description of responsibilities		Mr. Zemmer will lead the Design Review Team and provide Hydrology expertise for this project. He meets MPR. NO. 6.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc.		
1998 – Current	Mr. Zemmer is a NEPA Certified Engineer, an ATSSA Traffic Control Design Specialist and Supervisor and Licensed in the State of Louisiana as a Civil Engineer. Mr. Zemmer has provided design and construction inspection for projects that include major roadways and bridges, subdivisions, utility improvements, and parking lot access.		
2005 – 06/09	PROJECT NO. 200-01-12: I-12 PINNACLE PKWY./BREWSTER ROAD TCHFUNCTE INTERCHANGE: Project Engineer and Construction Inspection for a new interchange on I-12 near the Tchefuncte River costing \$9.99 million dollars. Project included new embankments and asphalt roadways, a double barrel 7' x 9' reinforced concrete box and other necessary drainage structures, two signalized intersections, guardrail, and associated striping.		
06/04 – 08/05	PROJECT NO. 059-01-0020: I-12 AT LA 21 NORTHBOUND ROADWAY IMPROVEMENTS, COVINGTON, LA: Design Engineer for the widening of an arterial roadway by the addition of a merge lane from the exit ramp of I-12 north onto LA-21 towards Covington, LA. Work included ramp widening, traffic signal modification, roadway base and pavement design, upgrading drainage, traffic detouring and sequence of construction. This project was designed by RCLC and reviewed and let through LADOTD Headquarters.		
02/05 – 09/06	PROJECT NO. 059-01-0021: I-12 AT LA 21 SOUTHBOUND ROADWAY IMPROVEMENTS, COVINGTON, LA: Design Engineer for the widening of an arterial roadway by the addition of a travel lane in the southbound direction from Covington to I-12. Work included traffic signal modification, roadway base and pavement design, upgrading drainage, traffic detouring and sequence of construction. This project was designed by RCLC and constructed as a LADOTD Permit Project through their District Office.		
08/07 – 07/11	PROJECT NO. 059-01-0027 & 454-04-0082: I-12/LA 21 INTERCHANGE IMPROVEMENTS: Lead Design Engineer for the design of additional lanes for the entrance and exit ramps to an existing interchange in St. Tammany Parish. Project added turn lanes along the LA21 corridor for additional stacking onto I-12, while maintaining traffic along LA21 using lane shifts, traffic detouring under an LADOTD approved construction sequencing plan. Design		

	involved public and private utility adjustments, geometry modifications, milling and overlay, replacement of pavement and evaluating height restrictions under the I-12 overpass. Project was designed by RCLC, reviewed and let through LADOTD Headquarters as an ARRA funded project.
08/08 – 02/10	PROJECT NO. 059-01-0026: LA 21 IMPROVEMENTS (OCHSNER BLVD. TO BOOTLEGGERS RD.): Project Engineer and Construction Inspection for the \$9.8 million roadway widening project incorporating access management along this corridor. The project included 4-lane asphalt roadways with median, turn lanes, associated drainage, striping, and signalization. The construction was phased to maintain traffic in each direction during the construction activities.
09/19 – 08/20	COVINGTON CA & O W 15TH AVENUE @ SIMPSON CREEK – W 11TH AVENUE BRIDGE REPLACEMENT – CLEVELAND STREET BRIDGE – 2019 ROAD IMPROVEMENTS, COVINGTON: Project Engineer and Construction Inspection for the W 15 th Avenue Bridge @ Simpson Creek Replacement and Construction Administration and Observation for all projects.
2014 – Current	PROJECT NO. 300-00-13-08-4: LA1077 - LA 21 CONNECTOR ROAD FEASIBILITY STUDY AND DESIGN, COVINGTON: Design Engineer for the Stage 0 Feasibility Study with Line and Grade Analysis, Traffic Study, and Design for a new connector road extending from the existing roundabout along the Ochsner Blvd. extension to LA 1077 in St. Tammany Parish. Scope of Services includes line and grade analysis, roundabout evaluations, environmental assessment, traffic studies, complete streets analysis, and coordination with committed / unconstructed DOTD projects.
11/09-09/11	PROJECT NO. 300-07-17: OCHSNER BLVD. (LA 21 TO BOOTLEGGERS ROAD) (URBAN COLLECTOR 1), COVINGTON: Design for this project which included Drainage, Water, Sewer and Roadway Improvements and involved a new roadway linking LA 21 with LA 1085. The project included a roundabout with roadway design and drainage analysis. The project included 1.5 miles of roadway and the HEC-HMS and HEC-RAS modeling of a watershed draining to a proposed quadruple 8'x6' box culvert along Timber Branch in Covington, LA.
05/13 - 2018	SPN H.011075: LA 59 AT SHARP ROAD ROUNDABOUT, MANDEVILLE: This intersection improvement project called for the installation of a roundabout for the intersection of LA 59 at Sharp Road. The roundabout replaced and required the removal of an existing traffic signal and drainage structures at the intersection. The project included developing appropriate roundabout configuration and number of lanes as well as performing drainage analysis. A detailed H&H study was required due to the reconfiguring of drainage of the intersection and along the route.
2008-2011	CHURCH OF THE KING ACCESS ROAD AND BRIDGE, MANDEVILLE: Project Engineer for associated sitework for a new roadway and bridge crossing Little Creek in St. Tammany Parish. Permitting for creek crossing with bridge required an H&H study. Process included gathering data, LIDAR manipulation and implementation of GIS information into ArcGIS and modeling of floodplain in HEC-HMS and HEC-RAS to assist in designing of bridge.
04/11-02/12	PROJECT NO. 852-25-0017: BROWNSWITCH ROAD ROUNDABOUT AT ROBERT ROAD, SLIDELL: RCLC was contracted by St. Tammany Parish to correct drainage and roadway profile discrepancies on this LADOTD federally funded ARRA project originally designed by another consultant. RCLC quickly analyzed the problems and met with St. Tammany Parish and LADOTD Engineers to present their methods to resolve these issues cost effectively and timely. Upon agreement of solutions by all parties, RCLC revised the plans of the original design consultants, added necessary details, and had the plans approved for construction by all reviewing agencies.

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Roy Payne, PE	Years of relevant experience with this employer	3
Title	Project Engineer (Supervisor-Eng)	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		Bachelor of Science, 2002, Civil Engineering, Louisiana State University	
Active registration number / state / expiration date		32540 / LA / 09/30/2024	
Year registered	2006	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Payne will assume the role of Deputy Project Engineer for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
2020 – Current	Mr. Payne has over 14 years bridge construction experience, NEPA Certified Engineer, an ATSSA Traffic Control Supervisor and Licensed in the State of Louisiana as a Civil Engineer. Mr. Payne has provided construction engineering and inspection for projects that include major roadways and bridges, interstate construction, utility improvements and relocation projects.		
12/20 – Current	SPN: H.001234: LA1: PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I, WEST BATON ROUGE PARISH: Construction Manager for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, La in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.		
08/07 – 05/08 prior to RCLC	LA DOTD US 190 BRIDGE REPLACEMENT OVER AMITE RIVER BASIN, SPN 013-06-0046, DENHAM SPRINGS: Work involved serving as the Project Manager in the management of replacing the existing US 190 eastbound bridge and through truss westbound bridge with new girder span bridges. The project consisted of drainage improvements, excavation and embankment needed to construct the new bridge abutments and removal of the existing embankment plugs within the basin. Approximate construction cost was \$29.1M.		
06/20 – Current	SPN: H.00781, H.000710, H.002273, AND H.001352: COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67, EAST BATON ROUGE PARISH: CMAR PROJECT: Construction Manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.		

05/04 – 11/05 prior to RCLC	LA DOTD INTERSTATE 55 BRIDGE REPLACEMENT AND GRADE RAISE PROJECT, SPN 452-90-0137, HAMMOND: Assistant Project Engineer in the management of replacing four existing bridges on Interstate 55 and raising the overall road grade by approximately two feet using approximately 26k tons of asphalt laid on I-55. Two bridges replaced had a ninety-degree crossing and two bridges replaced were built on a sixty-degree skew. All four bridges were slab span and used 16-inch precast concrete piles with two bridges for northbound and two bridges for southbound I-55.
01/23 – Current	PECUE LANE / I-10 INTERCHANGE (CE&I), H.003047, EAST BATON ROUGE PARISH: Project Engineer for the Construction Contract Administration and Construction Engineering and Inspection (CE&I) services for the Pecue Lane/I-10 Interchange Phase III project which includes widening Pecue Lane from two to four travel lanes between Perkins Road and Airline Highway, reconstruction of the KCS railroad crossing, replacement of the Ward Creek bridge, construction of Rieger Road which connects Industriplex to Pecue Lane, construction of the on/off ramps to I-10, and opening the Diverging Diamond Interchange (DDI) to traffic.
05/05 – 09/07 prior to RCLC	LA DOTD LA HIGHWAY 1026 JUBAN ROAD INTERCHANGE PROJECT, SPN 454-02-0035, DENHAM SPRINGS: Work involved serving as the Project Engineer in the management of replacing the existing overpass bridge over Interstate 12 with a new overpass bridge using AASHTO Type 4 girders for the spans. The bridge consisted of 14-inch precast concrete piles with pile cap footing and multi column bents, on and off ramps, drainage improvements and approximately 600k cubic yards of excavation and embankment needed to construct the bridge headers and new roadway. The project also consisted of re-aligned the existing LA Highway 1026 and constructing a new LA Highway 1026 with concrete pavement. Approximate construction cost was \$20.2M.
06/15 – 06/16 prior to RCLC	LA DOTD BLACKWATER BAYOU BRIDGE REPLACEMENT (LA HIGHWAY 410), SPN H.007961, CENTRAL: Work involved serving as the Project Engineer in the management of replacing the existing timber pile bridge with a new slab span bridge with 16-inch precast concrete piles on Blackwater Road. The project consisted of installing subsurface drainage to replace the existing open ditches. Road sections of approximately five hundred feet on both sides of the bridge was also replaced using a soil cement base course and asphalt. Approximate construction cost was \$1.8M.
02/15 – 05/16 prior to RCLC	LA DOTD ESSEN LANE BRIDGE WIDENING, SPN H.011668, BATON ROUGE: Work involved serving as the Project Engineer in the management of widening the existing Essen Lane bridge over Ward's Creek. The existing bridge on Essen Lane was widened on both sides of the bridge to allow for an additional northbound lane to be added in a follow-up road construction project. Also included in this project was utility relocation and oversight by the project engineer on behalf of LA DOTD. Clearing and grubbing was also included as part of this project. Approximate construction cost was \$2.1M.
01/03 – 05/04 with LADOTD	LA DOTD LA HIGHWAY 16 BRIDGE REPLACEMENT OVER BOGUE CHITTO SLOUGH, FRANKLINTON: Served as Assistant Project Engineer in the management of replacing the existing bridge over the Bogue Chitto slough. The box beam bridge consisted of one lane in each direction with widened shoulders. The bridge was constructed using split slab construction and 16-inch precast concrete piles.
09/14 – 02/15 prior to RCLC	EBR PARISH DPW CITY/PARISH PROJECT NO. 12-BR-US-0018: EAST BROOKSTOWN OVER HURRICANE CREEK, EAST BATON ROUGE: Work involved serving as Project Engineer to oversee the construction of the replacement for the bridge on East Brookstown over Hurricane Creek. The bridge was a slab span bridge that replaced an existing timber bridge. The project consisted of drainage improvements around the bridge, 16-inch precast concrete piles, cast-in-place concrete revetment, and re-shaping along the canal within the existing right-of-way. Approximate construction cost was \$700k.
05/19 – 02/20 prior to RCLC	SPN: H.011670.6: LOYOLA DRIVE/INTERSTATE 10 (I-10) INTERCHANGE TO NEW AIRPORT TERMINAL (LANOIA), JEFFERSON PARISH: DESIGN/BUILD PROJECT: Construction Quality Control Manager for the project that consists of widening a portion of I-10 between Loyola Drive and Williams Boulevard, addition of elevated ramps to and from Loyola Drive, and improvements to Loyola Drive to enhance operational conditions and increase the capacity to accommodate future traffic demand to the new Louis Armstrong New Orleans International Airport terminal. Reviewed specifications and design requirements, monitoring construction activities and testing, assembled and implemented the Construction Quality Management Plan for the project.

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Lloyd E. Luton, PE (Part-Time)	Years of relevant experience with this employer	27
Title	Construction Manager (Supervisor – Eng.)	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Bachelor of Science Cum Laude, 1978, Civil Engineering, West Virginia University	
Active registration number / state / expiration date		20179 / LA / 09/30/2024	
Year registered	1982	Discipline	Professional Engineer – Civil
Contract role(s) / brief description of responsibilities		Mr. Luton will assume the role of Construction Manager for this project.	
Experience dates (mm/yy–mm/yy)	<i>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</i>		
1996 - Current	Mr. Luton has been with RCLC for 26 years and has extensive experience in the administration and inspection of construction contracts. His knowledge of construction operations gives RCLC the benefit of expert quality assurance.		
1982 – 1988 Prior to RCLC	BRIDGE PROJECTS WITH MODJESKI AND MASTERS (PRIOR TO RCLC): <ul style="list-style-type: none"> Resident Engineer for Southern Pacific vertical lift railroad bridge over the Intracoastal Waterway in Houma. Completed 1982. Resident Engineer for Norfolk Southern rolling leaf bascule railroad bridge on Lake Pontchartrain. Completed 1986. Bridge Inspector 1982 to 1988 for numerous large span bridges in eastern half of US, both truss and suspension types, some of which included design of needed repairs.		
12/20 - Current	SPN: H.001234: LA1: PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I, WEST BATON ROUGE PARISH: Project Engineer for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, La in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.		
2005 – 06/09	PROJECT NO. 200-01-12: I-12 PINNACLE PKWY./BREWSTER ROAD TCHEFUNCTE INTERCHANGE: Project Engineer for a new interchange on I-12 near the Tchefuncte River costing \$9.99 million dollars. Project included new embankments and asphalt roadways with barrier adjacent to bridge structure, a double barrel 7’ x 9’ reinforced concrete box and other necessary drainage structures, two signalized intersections, steel sheet pile bulkhead, guardrail and barrier rail, and associated striping.		

11/17 – Current	H.011276 & H.011794: NO AIRPORT CONNECTOR ROAD SEGMENTS A & B, JEFFERSON PARISH, LA: Project Engineer for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects includes sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, drainage, and utility relocation.
08/07 – 07/11	PROJECT NO. 059-01-0027 & 454-04-0082: I-12/LA 21 INTERCHANGE IMPROVEMENTS: Construction Engineer for the design of additional lanes for the entrance and exit ramps to an existing interchange in St. Tammany Parish. Project also added turn lanes along the LA21 corridor for additional stacking onto I-12, while maintaining traffic along LA21 using lane shifts, traffic detouring under an LADOTD approved construction sequencing plan. Design involved geometry modifications, milling and overlay, replacement of pavement and evaluating height restrictions under the I-12 overpass. This project was designed by RCLC, reviewed, and let through LADOTD Headquarters as an ARRA funded project.
6/20 – Current	SPN: H.00781, H.000710, H.002273, AND H.001352: COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67, EAST BATON ROUGE PARISH: Project Engineer for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.
05/12 – 05/13	H.006136: METAIRIE COURT BRIDGE OVER CANAL NO. 4, JEFFERSON PARISH: Construction Engineer on this \$466 thousand project to replace a 3-span bridge with box culvert in Canal No. 4.
05/19 – Current	H.011731.6: WEST ESPLANADE BRIDGES @ DUNCAN CANAL: Construction Engineer for the replacing of outdated and deteriorated bridges along W. Esplanade @ Duncan Canal from Rue Chardonay to Arkansas Avenue. Double box culverts 14' x 8' and double box culverts 38' x 13' are being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations.
08/14 – 06/15	H.009441: VETERANS BLVD. OVERLAY AND BRIDGE MODIFICATIONS, JEFFERSON PARISH: Construction Engineer for the \$1.3 million mill and overlay of Veterans Blvd. (Sharon Drive – Bellevue). Included the replacement of the existing timber bent bridge over Canal No. 17 with a new concrete structure.
05/09 – 06/11	PROJECT NO. 713-26-0105: 26TH STREET BRIDGE OVER CANAL NO. 17, JEFFERSON PARISH: Construction Engineer on a \$1.2 million project which consisted of the replacement of a timber bridge that failed due to Hurricane Katrina. Replaced with a concrete pile-supported slab-span bridge.
07/11 – 08/12	PROJECT NO. 713-36-0106: MARTIN ROAD BRIDGE OVER MORRISON CANAL, NEW ORLEANS: Construction Engineer for this \$1.05 Million project to replace an existing concrete slab bridge on timber piling with a new cast-in-place bridge with approach slabs and sidewalks, grading and asphaltic concrete surfacing in Orleans Parish.
1/21 – Current	SPN: H.007160.6: ENTITY CONTRACT EBR COMPUTERIZED TRAFFIC SIGNAL, PH VB (CE&I), EAST BATON ROUGE PARISH: Project Engineer for a project involving the synchronization of several traffic signals at several state and local intersections along Choctaw Drive, Greenwell Springs Road, South Choctaw Drive, and North Foster Drive, in Baton Rouge, Louisiana.

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Arthur Ledet	Years of relevant experience with this employer	9
Title	Construction Manager (Engineer)	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Bachelor of Science, 2013, Civil Engineering, University of New Orleans	
Active registration number / state / expiration date		41815/ LA / 03/31/2024	
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities		Mr. Ledet will assume the role of Construction Manager for this project.	
Experience dates (mm/yy–mm/yy)	<i>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</i>		
2014 - Current	Mr. Ledet has experience in Transportation/Traffic engineering including traffic impact analysis, signal warrant analysis, data collection, geometric design, and roundabout design. Mr. Ledet is also experienced in Construction Administration and Construction Management Services and is a certified ATSSA Traffic Control Supervisor.		
12/20 - Current	SPN: H.001234: LA1: PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I, WEST BATON ROUGE PARISH: Construction Manager for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, La in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.		
11/17 - Current	H.0110276 & H011794: NEW ORLEANS AIRPORT CONNECTOR ROAD SEGMENTS A & B: Construction Manager and Inspector for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects include sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, drainage, and utility relocation.		
01/23 – Current	PECUE LANE / I-10 INTERCHANGE (CE&I), H.003047, EAST BATON ROUGE PARISH: Construction Manager for the Construction Contract Administration and Construction Engineering and Inspection (CE&I) services for the Pecue Lane/I-10 Interchange Phase III project which includes widening Pecue Lane from two to four travel lanes between Perkins Road and Airline Highway, reconstruction of the KCS railroad crossing, replacement of the Ward Creek bridge, construction of Rieger Road which connects Industriplex to Pecue Lane, construction of the on/off ramps to I-10, and opening the Diverging Diamond Interchange (DDI) to traffic.		
03/18 – 02/19	H.007275.6: ST. CHARLES AVENUE (NASHVILLE TO LA AVE), ORLEANS PARISH: Construction Manager and Inspector for the cold mill and overlay of the existing asphaltic concrete on the east and westbound lanes of St. Charles Avenue between U.S. 90B Service Road (Calliope Street) and Napoleon Avenue, including curb drainage replacement, repair of sub-base, minor point repair and cleaning of catch basins, and restriping travel lanes, parking lanes and intersections, as necessary.		

6/20 – Current	SPN: H.00781, H.000710, H.002273, AND H.001352: COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67, EAST BATON ROUGE PARISH: Construction Manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.
05/19 – Current	H.011731.6: WEST ESPLANADE BRIDGES @ DUNCAN CANAL: Construction Manager for the replacing of outdated and deteriorated bridges along W. Esplanade @ Duncan Canal from Rue Chardonay to Arkansas Avenue. Double box culverts 14' x 8' and double box culverts 38' x 13' are being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations.
09/19 – 08/20	COVINGTON CA&O WEST 11TH AVENUE BRIDGE REPLACEMENT: Construction Manager for a spot bridge replacement including precast prestressed piles, precast or cast-in-place bridge, drainage, excavation & embankment, and related work.
1/20 - Current	SPN: H.007160.6: ENTITY CONTRACT EBR COMPUTERIZED TRAFFIC SIGNAL, PH VB (CE&I), EAST BATON ROUGE PARISH: Construction Manager for a project involving the synchronization of several traffic signals at several state and local intersections along Choctaw Drive, Greenwell Springs Road, South Choctaw Drive, and North Foster Drive, in Baton Rouge, Louisiana.
05/17 – 02/19	H.009028 AIRLINE PARK BLVD: W. METAIRIE AVE – 0.4 MI N, JEFFERSON PARISH: Construction Manager and Inspector for removal of existing 2-lane concrete roadway, replacement of concrete roadway, replacement of existing manholes and catch basins, addition of mini Drainage Pump Station, and utility relocation.
2014 – Current	PROJECT NO. 300-00-13-08-4: LA1077 - LA 21 CONNECTOR ROAD FEASIBILITY STUDY AND DESIGN, COVINGTON: Construction Engineer, Construction Manager, and Design Engineer for the Stage 0 Feasibility Study with Line and Grade Analysis, Traffic Study, and Design for a new connector road extending from the existing roundabout along the Ochsner Blvd. extension to LA 1077 in St. Tammany Parish. Scope of Services includes line and grade analysis, roundabout evaluations, environmental assessment, traffic studies, complete streets analysis, and coordination with committed / unconstructed DOTD projects.
05/13 - 2018	SPN H.011075: LA 59 AT SHARP ROAD ROUNDABOUT, MANDEVILLE: This intersection improvement project called for the installation of a roundabout for the intersection of LA 59 at Sharp Road. The roundabout replaced and required the removal of an existing traffic signal and drainage structures at the intersection. The project included developing appropriate roundabout configuration and number of lanes as well as performing drainage analysis. A detailed H&H study was required due to the reconfiguring of drainage of the intersection and along the route.

16. STAFF EXPERIENCE (CONT.)

Firm employed by:		Richard C. Lambert Consultants, LLC	
Name	Adam Dixon, EI	Years of relevant experience with this employer	1
Title	Office Manager	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		Bachelor of Science, 2016, Civil Engineering, Kennesaw State University	
Active registration number / state / expiration date		EI.0034212 / LA / 03/31/2024	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Dixon will assume the role of Project Office Manager for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
03/22 - Current	SPN: H.001234: LA1: PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I, WEST BATON ROUGE PARISH: Engineer Intern for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, La in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.		
01/23 – Current	PECUE LANE / I-10 INTERCHANGE (CE&I), H.003047, EAST BATON ROUGE PARISH: Project Office Manager for the Construction Contract Administration and Construction Engineering and Inspection (CE&I) services for the Pecue Lane/I-10 Interchange Phase III project which includes widening Pecue Lane from two to four travel lanes between Perkins Road and Airline Highway, reconstruction of the KCS railroad crossing, replacement of the Ward Creek bridge, construction of Rieger Road which connects Industriplex to Pecue Lane, construction of the on/off ramps to I-10, and opening the Diverging Diamond Interchange (DDI) to traffic.		
03/22 - Current	SPN: H.007160.6: ENTITY CONTRACT EBR COMPUTERIZED TRAFFIC SIGNAL, PH VB (CE&I), EAST BATON ROUGE PARISH: Project Office Manager for a project involving the synchronization of several traffic signals at several state and local intersections along Choctaw Drive, Greenwell Springs Road, South Choctaw Drive, and North Foster Drive, in Baton Rouge, Louisiana.		
03/22 - Current	SPN: H.00781, H.000710, H.002273, AND H.001352: COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67, EAST BATON ROUGE PARISH: Project Office Manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.		
03/22 - Current	SPN: H.012834.6: ENTITY CONTRACT JOLIET TRAIL (BRUSLY) (ROUTES LA 988 & LA 1) (CE&I), WEST BATON ROUGE PARISH: Project Office Manager for the project consisting of grading, drainage structures, concrete walks and drives, drilled shaft foundations, and traffic signalization.		

03/19-10/19 With Eastern Constructors, LLC	LC1-CloudHQ Data Center; Ashburn, VA: Made project estimate and proposal for structural steel erection, reviewed phasing plans, structural steel plans, and site conditions. Created and executed change orders after design reviews.
--	---

16. STAFF EXPERIENCE (CONT.)

Firm employed by	Richard C. Lambert Consultants, LLC		
Name	Mike Brown (Part-Time)	Years of relevant experience with this employer	3
Title	DOTD Certified Field Inspector (Inspector – Lead)	Years of relevant experience with other employer(s)	44
Degree(s) / Years / Specialization	ATSSA Certified Flagger & TCS		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Brown fulfills the Minimum Personnel Requirement for a DOTD Certified Inspector and will assume the role of Certified Inspector Lead for this project.		
Experience dates (mm/yy–mm/yy)	<i>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</i>		
2020 - Current	Mr. Brown has active DOTD Certifications in Embankment and Base Course Inspector/Technician, Asphalt Paving Inspector/Technician, and PCC Paving Inspector.		
03/21 - Current	SPN: H.00781, H.000710, H.002273, AND H.001352: COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67, EAST BATON ROUGE PARISH: Construction Observer for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.		
02/06 – 11/07	PERKINS ROAD IMPROVEMENTS (BLUEBONNET BOULEVARD – SIEGEN LANE), EAST BATON ROUGE PARISH: Lead Certified inspector for the project to improve Perkins Road from an existing two lane asphalt roadway with turns lanes to a concrete roadway with two lanes in each direction and a center turn lane. Responsible for providing inspection on concrete paving, sidewalks, embankment and base course, subsurface drainage, driveways, and permanent striping. Responsibilities included overall inspection of project, measured and recorded pay quantities, prepared and processing all contractor pay estimates, prepared and submitted all project close-out documentation to DOTD Headquarters.		
2014	I-10 WIDENING (I-10 SPLIT-HIGHLAND), SPN 450-10-0159, EAST BATON ROUGE PARISH: Lead DOTD Certified Inspector for the inspection of the embankment and base course on the \$86.2 million I-10 widening project from the I-10/I-12 split to Siegen Lane. Provided additional concrete paving inspection for I-10 mainline and ramp paving operations. Project consisted of widening I-10, drainage improvements, on and off ramps, bridge construction, major interchange improvements, and permanent striping of I-10.		

11/14 – 07/15	LA 427: ASCENSION PARISH LINE – LA 42, SPN H.010534, EAST BATON ROUGE & ASCENSION PARISHES: Lead certified inspector for the improvements made to LA 427 consisting of embankment and base course, asphalt paving, asphalt patching, longitudinal profile adjustments, subsurface drainage, guardrail installation, mailboxes, superelevation corrections/adjustments made with asphalt, and replacement of driveways. Responsibilities included overall inspection of project, measured and recording pay quantities, prepared and processing all contractor pay estimates, prepared and submitted all project close-out documentation to DOTD Headquarters.
---------------	--

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Shawn Bosarge	Years of relevant experience with this employer	4
Title	DOTD Certified Field Inspector (Inspector – Certified)	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		DOTD, ATSSA TCS, and ATSSA Flagger Certifications	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Bosarge fulfills the Minimum Personnel Requirement for a DOTD Certified Inspector will assume the role of Certified Inspector for this project.	
Experience dates (mm/yy–mm/yy)	<i>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</i>		
2019 – Current	Mr. Bosarge has active DOTD Certifications in Embankment and Base Course and Structural Paving Inspector.		
04/19 – Current	H.0110276 & H011794: NEW ORLEANS AIRPORT CONNECTOR ROAD SEGMENTS A & B: Construction Observer for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects include sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, drainage, and utility relocation.		
05/19 - current	H.011731.6: WEST ESPLANADE BRIDGES @ DUNCAN CANAL: Construction Observer for the replacing of outdated and deteriorated bridges along W. Esplanade @ Duncan Canal from Rue Chardonnay to Arkansas Avenue. Double box culverts 14' x 8' and double box culverts 38' x 13' are being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations.		
03/21 - Current	SPN: H.013897: COLLEGE DRIVE FLYOVER RAMP I-10/I-12 WEST, EAST BATON ROUGE PARISH: Construction Observer for the project consisting of modifying the I-10 West/College Drive exit into separate I-12 West and I-10 West exits. This project and three other significant infrastructure projects are being funded through the state's first issuance of GARVEE bonds, which are special bonds that are repaid using federal funds allocated to Louisiana. RCLC will provide Construction Engineering & Inspection services as part of this Design-Build/Owner Verification project.		
08/16 – 04/19 with The BETA Group	The North Terminal Louis Armstrong Airport: Structural Concrete QC Inspector		
05/09 – 05/10 with The BETA Group	I-10 Twin Span: Concrete Materials Testing		

2010 – 2013 with The BETA Group	Lake Ponchartrain & Vicinity Levee Projects (LPV-109, LPV-145, LPV-146, LPV-149, GIWW WCC): Embankment Density Testing (Nuclear Sand Cone), Concrete Materials Testing
2010 – 2013 with The BETA Group	St. Bernard Roadway Restoration: Base Course Testing and Inspection, Concrete Materials Testing and Inspection

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Richard C. Lambert Consultants, LLC	
Name	Felix Lechuga	Years of relevant experience with this employer	3
Title	DOTD Certified Field Inspector (Inspector – Certified)	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		DOTD, ATSSA TCS, and ATSSA Flagger Certifications	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Lechuga fulfills the Minimum Personnel Requirement for a DOTD Certified Inspector and will assume the role of Certified Inspector for this project.	
Experience dates (mm/yy–mm/yy)	<i>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</i>		
2020 – Current	Mr. Lechuga has an active DOTD certification in Structural Concrete.		
2021 – Current	STATE CONTRACT NO. 4400018899: LA 23: BELLE CHASSE BRIDGE AND TUNNEL (HBI) IMPROVEMENTS: As a sub-consultant, RCLC will be responsible for providing Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans.		
2019 – Current	MOUNES ST. DRAINAGE IMPROVEMENTS PHASE 1 – DICKORY AVE. TO CROCHET DITCH: Construction Observation for drainage improvements along the Mounes Street corridor including catch basins and other necessary drainage structures, concrete roadway pavement, and associated striping.		
2016 – Current	FEMA FUNDED RECOVERY ROADS PROGRAM – LAKEVIEW NORTH GROUP C: CE&I for remediation of damage caused from debris removal operations due to Hurricane Katrina. Project involves site investigation to determine pavement replacement areas which are the direct result of street inundation or from the secondary effects of debris removal and utility and drainage work.		
10/20 – 03/21 Prior to RCLC	I-10/LOYOLA INTERCHANGE IMPROVEMENT (H.011670): DOTD Certified Structural Concrete Inspector on this Design-Build project, which will modify existing Loyola Ave ramps and will add two elevated flyover ramps connecting to the airport connector road. Ensuring contractors' compliance to project specifications and plans in the construction of multiple footings/columns along with the erecting of steel and concrete girders.		
03/15 – 07/16 Prior to RCLC	MACARTHUR INTERCHANGE COMPLETION - PHASE 1B (H.009933): Lead technician performing all materials testing including Concrete Testing, Compaction Testing through Nuclear Densities, Mass Concrete Monitoring, Estimating Concrete Strength by the Maturity Method		

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	ERIC HALL	Years of relevant experience with this employer	4
Title	Construction Superintendent	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Civil Engineering	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Eric Hall has 23 years of experience in transportation projects, including 19 years with TxDOT as a Construction Manager in their alternative delivery group in DFW. His vast knowledge includes ensuring compliance with contract documents and regulating agencies through project plans, TMUTCD, AASHTO Roadside Design Guide, FHWA guidelines, and TXDOT Standards; inspection of all project elements and daily inspector workload management and assignment; preparation and review of cost estimates; researching materials incorporated to ensure compliance with Buy America and qualified material producer list; and reviewing traffic control implementation and devices to ensure safety of workers and traveling public.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/20-Present	TxDOT FM 920 (Parker County) and US 281 (Palo Pinto County), TX - Eric served as the Construction Superintendent for CEI services. Project services include construction inspection and documentation, materials testing management, environmental compliance, and record keeping utilizing TxDOT’s document control system SiteManager. He inspected and led the inspection team through all aspects of the projects. His experience allowed him to communicate effectively with the Contractors in addressing the project’s needs.		
04/19-08/20	TxDOT IH-35W Johnson County, TX - As the Construction Superintendent, Eric was responsible for concrete pavement repairs, mill and overlay, installation of MBGF components, and pavement markings. He worked and met regularly with the TxDOT PM to ensure project compliance.		
03/13-10/19	TxDOT IH-35W - NTE Segment 3A/3B IE & OVTI, Fort Worth, TX - This 6.5-mile from I-30 to Loop 820 was a \$1.274 Billion project delivered through a Comprehensive Development Agreement between TxDOT and the North Tarrant Express Mobility Partners LLC. These projects consisted of more than 60 bridge structures, over 100 retaining walls, and complete reconstruction of approximately eight miles on IH-35W. On this project, Eric served on the OV Team responsible for providing the client with the verification that the Developer was performing work in accordance with the contract documents for design, construction, materials, environmental, documentation, safety, and MOT.		

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	CHRIS MOREAU	Years of relevant experience with this employer	8
Title	Field Engineer	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		Bachelor of Science / 2009 / Civil Engineering	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Christopher Moreau has more than 14 years of experience in all phases of civil and construction projects. His construction management experience includes project planning, establishing construction strategies to maximize productivity, construction phasing, construction inspection/material testing, coordinating inspection teams, reviewing project documents including contracts, plans and specifications, preparing project documentation and deliverables, and working with clients and contractors to deliver projects on-time and on-budget. He is proficient in construction engineering, contract management, cost-estimating, CPM scheduling, construction quality assurance/quality control, interpreting plans and specifications, and sub-contractor management.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/19-01/24 (est)	TxDOT IH-35W - NTE Segment 3C IE & OVTI, Fort Worth, TX – SAM-CS is serving as TxDOT’s Independent Engineer (IE) and Owner Verification, Testing, and Inspection (OVTI) Firm on the IH-35W (NTE Segment 3C), a 7.5-mile, \$648 Million project located in Fort Worth. Chris serves as the deputy IE on this project and is responsible for acting on behalf of both TxDOT and the CDA Developer. He is responsible for providing statistical validation, verification, oversight, and construction inspection to assess whether the developer is correctly performing the work in accordance with the CDA documents. Chris provides TxDOT with verification that the developer is performing work in accordance with the contract documents for design, construction, materials, environmental, documentation, safety, MOT, maintenance and operations.		
11/17-02/19	TxDOT SH 130 Segments 5 & 6, TxDOT, Austin, TX – Chris served as a Field Engineer on the SH 130 Segments 5 & 6. He was responsible for monitoring project progress on a daily basis, overseeing the construction work in the field, and working with TxDOT, the contractor, the design team and the CEI team to identify, track and resolve construction issues.		
02/15-11/17	TxDOT US 290 Segments 6 & 7, TxDOT, Houston, TX – Chris served as a Field Engineer, responsible for monitoring daily project progress, overseeing the construction work in the field, and working with TxDOT, the contractor, the design team, and the CEI team to identify, track and resolve construction issues. He also reviewed Schedule Updates, Change Orders, Requests for Information (RFIs), Shop Drawings and other contractor submittals, and manages the project as-builts to ensure that all revised plan sheets are incorporated. Chris participated in project coordination meetings including weekly partnering meetings and monthly pay quantity review meetings, and prepares the weekly and monthly project progress reports.		

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	PAUL BRODIN, PE	Years of relevant experience with this employer	6
Title	Project Manager	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		Bachelor of Science / 1997 / Environmental Engineering	
Active registration number / state / expiration date		103433 / TX / 03/31/2024	
Year registered	2009	Discipline	Environmental Engineering
Contract role(s) / brief description of responsibilities		Paul Brodin has more than 24 years of construction management, engineering, and inspection experience. He has provided engineering and construction management services on a variety of transportation projects ranging from \$1M to \$1.2B in construction cost including CEI, design-build, new roadway construction, urban widening/reconstruction and roadway maintenance projects. His experience includes grading, treated subgrade and base, CRCP, HMAC, bridges (widening, replacement, multi-level interchanges and bridges over waterways), MSE walls, drainage, pump stations, utilities, RR coordination, environmental compliance, work zone traffic control, traffic signals, signage, illumination, CTMS and pavement markings.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/18-01/26 (est)	TxDOT IH-610 S. Loop at SH 288, Harris County, TX – Paul served as the Project Manager for the reconstruction and widening of the IH 610 MLs and FRs, construction of four DC bridges at SH 288, construction of one DC bridge at Almeda Road, and the reconstruction/expansion of the IH 610 overpass at Cambridge Street/Almeda Road/UPRR. The project extends approximately 1.95 miles from west of Cambridge Street to west of Scott Street.		
02/20-01/21	TxDOT IH-10 at Waco Street, Harris County, TX – Paul served as the Project Manager for the removal and replacement of the existing Waco Street bridge over the IH 10 mainlanes to raise the bridge profile. The project included construction of new approach slabs and reconfiguration of the Waco Street intersections at the IH 10 eastbound frontage road and westbound frontage road including 12-inch Fast Track concrete pavement, curb, sidewalk, curb ramps, riprap, and traffic signal relocation.		
08/15-10/20	TxDOT US 290 Segments 1-10, Houston, TX – Paul served as the Resident Engineer for Segments 3J-1, 3J-2, 6, 7, 8, 9 & 10A of the US 290 Program, which extended from IH 610 to the Harris/Waller County line near FM 2920. Paul was responsible for managing the day-to-day activities and the consultant team providing CEI services to TxDOT. These services included construction inspection, materials testing, environmental compliance, utility coordination, schedule support, design support, public involvement support and record keeping.		

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	JAMES CALLENIUS	Years of relevant experience with this employer	8
Title	Construction Superintendent	Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		<p>James has over 40 years of construction management and inspection experience including 22 years at TxDOT. He is proficient in SiteManager with a background that includes experience in underground utility (waterline, storm sewer, sanitary sewer), new roadway construction, rehabilitation/maintenance of existing infrastructure, and total reconstruction of minor streets and major multilane freeways. James also has extensive experience in various roadway types, bridge component repairs and maintenance including new and total replacement of existing structures from minor small bridges to large super structures. He has worked on numerous major urban freeways with high traffic volumes and heavy truck traffic and has vast experience with a variety of different construction methods for earthwork, paving, structures, retaining walls, drainage, pedestrian facilities, and other elements of construction.</p>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/21-06/23	<p>TxDOT IH-610 Ship Channel Bridge Repair, Houston, TX - James served as Construction Manager for bridge repair services on the 1973 existing bridge structure spanning Houston Ship Channel. The existing structure consists of 65 spans totaling 1235 feet approximately 135-ft over the Ship Channel Project required implementation of 2 Milestone Phases beginning with a total closure of each direction of the Bridge until each Phase of work was completed. Strict coordination and communications with the Post of Houston and the US Coast Guard were required before and during construction.</p>		
08/15-10/20	<p>TxDOT US 290 Segments 1-10, Houston, TX –James served as the Construction Manager for the oversight of multiple Inspectors assigned total of 8 Segments on US 290 between IH 610 West Loop to west of Mason Rd. James scheduled inspectors including performed inspection of roadway elements including storm sewer, waterline, earthwork, paving, MSE walls, Bridge substructure and superstructure, underground utilities, electrical, CTMS, traffic signals, High Mast Lighting insuring that the items of work completed were in accordance with the Project Plans and Specifications as well as the TxDOT Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges. James was also responsible for recording daily activities and paying quantities on a Daily Work Report (DWR) in Site Manager, preparing Form 1257 for payment of work including the necessary calculations and attachments which included plotting all contractor completed work</p>		

02/18-11/18	TxDOT US 59 Eastex/I69 North, Houston, TX - James was requested by the District Office including the current Field General (his replacement from the North Harris Area Office) to assist with inspection of the proposed removal and replacement of the San Jacinto River Bridge due to Hurricane Harvey damage. This work consisted of extensive TCP implementation with daily monitoring, Bridge demolition/reconstruction over the San Jacinto River, Communication with the Coast Guard, PIO Office, North Harris Area Office concerning current activities ongoing and upcoming activities. Project Documentation for Bridge Demolition notification, Barricade Inspection, CUF, labor Interviews. Once the Bridge was removed and replaced the traffic was placed back into original lane configuration.
-------------	---

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	SENECA TOUSSANT, PE	Years of relevant experience with this employer	3
Title	Principal	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		B.S., Biological Engineering, 1999, Louisiana State University	
Active registration number / state / expiration date		P.E. #36080/ Louisiana/ 09/30/2023	
Year registered		Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/2020 - 02/2023	<p>East Baton Rouge Emergency Medical Services Phase II Baton Rouge, Louisiana Mr. Toussant was the lead civil engineer for the EMS Facility Expansion which includes asphalt parking, access drives, grading and drainage and ADA compliance of parking areas and sidewalks. Mr. Toussant is providing construction administration for the civil portions of the project including review of pay applications, submittals and RFI's, performing site visits, review and monitoring all required field testing and final acceptance and closeout of all civil work.</p>		
2/2018 – 9/2018	<p>S.P. No. H.010768.6 Multi-Use Trails (West Baton Rouge) Addis, Louisiana Mr. Toussant provided Construction Administration and CE&I services for the West Baton Rouge Multi Use Trail project on top of the Mississippi River Levee in West Baton Rouge Parish. Mr. Toussant was responsible for engineering and inspection services including conducting the pre-construction meeting, maintaining field records and project diaries on LADOTD SiteManager, coordinating testing and sampling for Quality Assurance in accordance with the LADOTD Sampling and Testing Manual, review and approval of contractor submittals, final acceptance and project closeout.</p>		
2/2020 – 8/2020	<p>Coastal Protection and Restoration Authority: Grand Isle State Park Improvement Phase I Grand Isle, Louisiana Mr. Toussant was the lead civil engineer and project manager for the roadway and drainage improvement project at Grand Isle State Park. He was responsible for the preparation of construction documents for 3 miles of asphalt roadway repairs, overlay and asphalt parking areas in accordance with LADOTD specifications, standards, and guidelines, including ADA accessible parking and access. Mr. Toussant provided construction administration including the review of pay applications, submittals and RFI's, conducted progress meeting between contractor, owner and CPRA, performed site visits, reviewed and monitored all required field testing, final acceptance and project closeout.</p>		
01/2017-6/2020	<p>Chacahoula-Gibson Drainage Project, Terrebonne Parish, LA, Project Manager/Lead Design Engineer –</p>		

	<p>Mr. Toussant was the lead civil engineer and project manager for the design of the 1000 cfs drainage pump station to reduce flooding due to excessive rainfall in the Chacahoula-Gibson Drainage Basin. Mr. Toussant performed construction administration including, biweekly site visits, review of pay applications, submittals and RFI's, conduct progress meeting between contractor and owner, perform site visits, review and monitor all required field testing.</p>
01/2017 - 08/2017	<p>Falgout Canal Road Repaving Project Terrebonne Parish, LA Mr. Toussant was the lead civil engineer and project manager for the roadway project. He was responsible for preparation of construction documents for roadway repairs, elevation adjustments and overlay in accordance with LADOTD specifications, standards, and guidelines. Mr. Toussant performed construction administration including biweekly site visits, the of review of pay applications, submittals and RFI's, progress meeting between contractor and owner, reviewed and monitored all required field testing, project final acceptance and project closeout.</p>
03/2019 – 7/2019	<p>Plaquemine Boat Launch Improvements Plaquemine, LA Mr. Toussant was the project engineer and construction manager for the Plaquemine Boat Launch Improvements project which included preparing construction documents required for improvements to the existing boat launch located off of Hwy 3066 in Plaquemine, LA for Iberville Parish. Mr. Toussant's duties included conducting a preconstruction meeting, biweekly site visits, review of pay applications, submittals and RFI's, progress meeting between contractor and owner, reviewed and monitored all required field testing, project final acceptance and project closeout.</p>
07/2020 – 9/2020	<p>Church Street Culvert Replacement Maringouin, LA Mr. Toussant was the project engineer and construction manager for the Church Street Culvert Replacement project which included preparing construction documents required for the replacement of 2-60" CMP Cross Drain pipes with 72" RCPA pipes on Church Street in Maringouin LA in Iberville Parish. Mr. Toussant's duties included conducting a preconstruction meeting, biweekly site visits, review of pay applications, submittals and RFI's, progress meeting between contractor and owner, reviewed and monitored all required field testing, project final acceptance and project closeout.</p>
6/2012 – 8/2013	<p>Port of Iberia Millennium Expansion Project (Phase II) New Iberia, LA Mr. Toussant was the project engineer and engineer of record for the design of the Slip C extension at the Port of Iberia in New Iberia, LA. The project included dredging and excavation of approximately 750,000 cubic yards of material, material placement, utility, site and drainage improvements. Mr. Toussant also provided construction administration during construction which included conducting a preconstruction meeting, biweekly site visits, review of pay applications, submittals and RFI's, progress meeting between contractor and owner, reviewed and monitored all required field testing, project final acceptance and project closeout.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by			
Name	LYLE TYES, EI	Years of relevant experience with this employer	2.5
Title	Inspector	Years of relevant experience with other employer(s)	0.5
Degree(s) / Years / Specialization		B.S. /2020 / Civil Engineering	
Active registration number / state / expiration date		EI. 35128 / Louisiana / 09.30.2024	
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the 22years of experience specified in the applicable MPR(s).		
02/2022-Ongoing	Louisiana Watershed Initiative LA 22 Gapping Project Ascension, LA Mr. Tynes is part of the grant administration team for the project and his responsibilities include construction administration assistance, site inspections, review of contractor invoices and construction monitoring for the LA 22 gapping project.		
08/2022-02/2023	Emergency Medical Services Phase II, Vehicle Storage and Maintenance Facility Baton Rouge, LA Mr. Tynes was responsible for the preparation of the specification package and the hydrological elements for the EMS facility, as well as responding to RFIs and Addendum preparation. Mr. Tynes also conducted bi-weekly site visits throughout construction, preparing inspection reports, and reviewing payment applications.		
03/2022-Ongoing	Ward Creek at Siegen Lane Channel Improvements Baton Rouge, LA Mr. Tynes is assisting in the preparation of construction documents for channel improvements for Ward Creek in Baton Rouge, Louisiana. His responsibilities also includes preparation of temporary traffic control plans, permits and permit figures for DOTD approval.		
02/2022 – Ongoing	Bayou Pigeon Boat Launch Bayou Pigeon, LA Mr. Tynes is providing construction administration support for the project including review of pay applications, review of submittals and RFI's, performed site visits and prepared inspection reports, punch list preparation and visit, final acceptance documentation preparation.		
01/2022-Ongoing	Louisiana Watershed Initiative Town of Maringouin Improvements Maringouin, LA Mr. Tynes is responsible for the preparation of preliminary and final construction documents for roadside drainage improvements for the Town of Maringouin Drainage Improvements project. His responsibilities include preparation of construction documents for roadside open channel and subsurface drainage systems, cost estimates, bidding and construction documents. Mr. Tynes is also providing construction administration services.		

08/2021-Ongoing	Entergy Louisiana - Diamond D Industries Calcasieu Parish, LA Mr. Tynes is providing engineering and construction support as required for multiple projects for Diamond D Industries on behalf of Entergy Louisiana. This support includes preparing temporary traffic control plans and permits throughout the state of Louisiana to DOTD for road and lane closures and civil site design for laydown yards, driveway permitting, turn analysis using WB67 vehicle configuration and access roads with DOTD and multiple Parishes.
-----------------	---

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Urban Systems, Inc.	
Name	Alison C. Michel, P.E., PTOE, PTP, RSP _{2i}		Years of relevant experience with this employer
Title	President / Transportation Engineer		22
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineering	
Active registration number / state / expiration date		30261 / Louisiana / 03/31/2025	
Year registered	2002	Discipline	Professional Engineer: Civil
Active registration number / state / expiration date		1023 / Louisiana / 11/06/2023	
Year registered	2002/2017	Discipline	Professional Traffic Operations Engineer/ Professional Transportation Planner
Active registration number / state / expiration date		626 / Louisiana / 11/20/2023/ No. 115 / 12/2024	
Year registered	2023/2024	Discipline	Road Safety Professional 1 /Road Safety Professional 2i
Active registration number / date		No. 115/ 12/2024 / No. 148 / 3/2023	
Contract role(s) / brief description of responsibilities		Traffic Engineering/ Analysis and Design	
<p>Ms. Michel has over twenty-five (25) years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping. She has also prepared construction documents and provided construction engineering services for roadway modifications at intersections, point repairs and roadway reconstruction. She has a wide array of experience with transportation studies including traffic impact, safety, corridor, feasibility/Stage 0, environmental/Stage 1, multi-modal and transit facilities. She has experience in the timing of coordinated signal systems and progression analyses. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Tru-Traffic and SIDRA.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/14 – 03/14	<p>LA 378 Widening and Realignment - Statewide Stage 0 Studies, Calcasieu Parish, LA. LADOTD. Principal In Charge. Ms. Michel was the Principal in Charge of the team that prepared the Traffic Study to develop and compare alternatives to improve the corridor for both operations and safety. She participated in field visits and conducted travel time runs. Traffic Assignments and Forecasting for alternatives included the use of Transcad model output. Improvements considered included access management techniques such as adding a median and drivewafranzy consolidation in line with LADOTD policies.</p>		



10/10– ongoing	<p>Pecue Lane/ I-10 Interchange Environmental Assessment, Baton Rouge, LA. LADOTD. Principal in Charge of Traffic Engineering.</p> <p>Ms. Michel managed the staff, communicated with clients and performed the technical QA/QC for each phase. The phases included preparing a traffic study for the <i>Stage 1 Environmental Assessment</i>, updating the <i>Interchange Justification Report</i> for submittal to FHWA, preparing a Transportation Management Plan, and designing traffic signals using the LADOTD TSI format. At the time of the design, this was to be Louisiana’s first Diverging Diamond Interchange (DDI). Ms. Michel worked closely with DOTD and Baton Rouge City-Parish to develop signal phasing and timing for the DDI using Highway Capacity Software and VISSIM. The design of the signal at the intersection of Pecue Ln at Rieger Rd was also reviewed by Ms. Michel. Her familiarity with Highway Capacity Software, Transcad, CORSIM and VISSIM was critically important during the various phases of the project. Ms. Michel reviewed the construction cost estimates for each signal. The last phase of this project will be construction administration.</p>
01/14– 08/19	<p>US 90 (I-49) Albertson’s Parkway to Ambassador Caffery Design-Build Project, Lafayette Parish, LA. James Construction Group. Traffic Engineer.</p> <p>Ms. Michel was a member of the key personnel for this design-build project as the Traffic Engineer. The project included converting US 90 to a controlled access facility by converting at-grade intersections to an interchange. The bridge structure had to span the intersection and a railroad. She supervised the design and analysis and performed QA-QC for temporary and permanent signal plans, permanent signage plans, temporary traffic control plans and the Transportation Management Plan. Signal plans were prepared using the DOTDs latest TSI format. Analysis included developing design hour volumes for the design year and modeling signals in Synchro. Phasing and timing were developed for both permanent and temporary signal operation.</p>
03/01 – 04/09	<p>LA 385 and (Ryan) Street at Prien Lake Road Intersection Improvements, Lake Charles, LA. LADOTD. Project Manager.</p> <p>Ms. Michel was the project manager responsible for the preparation of roadway widening and signal design plans for this LADOTD project. First a CORSIM analysis of various intersection improvement strategies was conducted to determine the optimum lane configuration and signal operations. Once the preferred conceptual layout was identified, construction documents based on LADOTD standards were prepared to add turn lanes to both Ryan Street and Prien Lake Road within limited Right of Way. In addition to the traffic signal modifications, the design included modification to drainage, reconfiguration of driveways, improving corner radii, widening concrete pavement and an asphalt overlay. Preliminary and Final plans, specifications and a cost estimate using LADOTD pay items were prepared under Ms. Michel’s direction. The project was constructed successfully.</p>
07/04 – 04/06	<p>LADOTD Traffic Signal/ITS Study and Design, District 02. LADOTD. Project Manager.</p> <p>Ms. Michel was project manager for Traffic Engineering Studies, Traffic Signal Design and Intelligent Transportation Systems (ITS) services to LADOTD District 02. Services included: Project Management / Warrant Analyses / Traffic Signal Studies and Signal Design - Systems and Individual</p> <ul style="list-style-type: none"> 701-65-0493 - Intersection Safety Study, US 61 at LA 50 (Almedia Road) St. Charles Parish 701-65-0494 - Traffic Study, LA 49 at 33rd Street, Jefferson Parish 701-65-0500 - Signal Study, US 61 at Evangeline Road, St. Charles Parish 701-65-0501 - Signal Study, US 61 at East Harding Road, St. Charles Parish 701-65-0502 - Traffic Study, LA 49 at 32nd Street, Jefferson Parish

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Urban Systems, Inc.	
Name	Nicole H. Stewart, P.E., PTOE		Years of relevant experience with this employer
Title	Vice President / Transportation Engineer		17
		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering and BS / 2004 / Physics	
Active registration number / state / expiration date		34750 / Louisiana / 09/30/2023	
Year registered	2009	Discipline	Professional Engineer: Civil
Active registration number / state / expiration date		2923 / Louisiana / 08/2023	
Year registered	2012	Discipline	Professional Traffic Operation Engineer
Active registration number/ state/ expiration date		F-23935/Texas/30182/Mississippi	
Contract role(s) / brief description of responsibilities		Traffic Engineering/ Analysis and Design	
<p>Ms. Stewart has eighteen and a half years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has designed numerous Traffic Control Devices Plans to meet LADOTD and MUTCD standards. Ms. Stewart has experience in Transportation/Traffic engineering including transportation studies, safety studies and traffic impact studies. Her design experience includes signal design and timing of coordinated systems, striping, signage, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TruTraffic in the timing and coordinating of traffic signals.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/12 – 11/13	<p>MacArthur Interchange Signal Modification/ Signage & Striping / Traffic Control Devices Plans, Harvey, LA. LADOTD. Traffic Engineer. The traffic study to evaluate the existing and projected operating conditions of the lower Westbank Expressway was prepared by Ms. Stewart. In the Design Phase, Ms. Stewart designed the new traffic signals for the interchange and neighboring intersections. She prepared the striping and signage plans to accommodate the ramp changes and prepared Traffic Control Devices Plans for the various stages of construction.</p>		
01/14 – 08/19	<p>US 90 (I-49 South) Albertson’s Parkway to Ambassador Caffery Design-Build Project, Lafayette, LA. LADOTD. Traffic Engineer. Ms. Stewart prepared the Traffic Control Device Plans for all phases of construction. Ms. Stewart was responsible for the design of the permanent signage for the new portion of I-49 within the project limits. Traffic Control Devices and Signage plans were prepared to be in accordance with the Manual of Uniform Traffic Control Devices and the most current LADOTD standards. Throughout construction, Ms. Stewart was available to meet with the contractor and visit the construction site on an as needed basis. Ms. Stewart provided timely responses to RFI’s and prepared plan changes to address concerns raised in the field. She also prepared As-Built plans once the project was complete in August 2019.</p>		
02/15– 06/16	<p>Bridge Preventative Maintenance District 61. Port Allen, LA LADOTD. Principal In Charge. Ms. Stewart was the Principal In Charge for Traffic Management Plans (TMP) for bridge replacement and repairs for various locations in Louisiana. This included developing various levels of TMP’s based on LADOTD EDSM guidelines. Tasks included conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. For the reconstruction of the LA 1 bridge over the Intracoastal Waterway, a detailed Level 3 TMP was prepared. For this TMP, detailed work zone impact management strategies were developed to help minimize the project’s impact on mobility.</p>		



05/18 – 04/19	<p>TMP for I-10: West of 108 to I-210 Interchange: Rubblize and Overlay, Lake Charles, LA. LADOTD. Lead Engineer.</p> <p>As the lead engineer for this Traffic Management Plan, Ms. Stewart was responsible for the preparation of the safety analysis. She conducted the analysis per the guidelines set forth by LADOTD in <i>Guidelines for Crash Data Analysis</i> for this TMP in Lake Charles, LA. She conducted queue analysis to identify when lane closures would be permitted, identified the construction impact area and reviewed crash data for more than 350 collisions. Ms. Stewart identified trends and calculated crash rates and determined that the section of I-10 that was going to be rubblized had a crash rate that was higher than the statewide average and required mitigation.</p>
04/10– 09/11	<p>I-10 Crossing - Irish Bayou Bridge, New Orleans, LA. Corps of Engineers. Project Manager.</p> <p>Ms. Stewart was the project manager for this project which involved designing traffic control devices plans for the I-10 Highway Crossing Levee Enlargement project at Irish Bayou Road in New Orleans East. The plans included multiple and phased road closures of a six (6) lane section of Interstate 10 including nighttime closures. In addition to managing the project, she was responsible for QA-QC.</p>
05/09 – 05/10	<p>Redwood / Sandalwood Streets Capital Improvements, New Orleans, LA. City of New Orleans. Project Engineer.</p> <p>Ms. Stewart was project engineer for the construction administration for this complete roadway reconstruction. Ms. Stewart met with the contractor, resident inspector, and City Project Manager on a weekly basis to discuss progress, concerns, and upcoming works. Ms. Stewart responded to all requests for information and reviewed all contractor pay requests. At the end of construction, Ms. Stewart lead the final walk through and provided a punch list of items that required attention before the project could be closed out.</p>

16. STAFF EXPERIENCE (CONT.)

Firm employed by		Urban Systems, Inc.	
Name	Christine M. Darrah, P.E.		Years of relevant experience with this employer
Title	Transportation Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 1994 / Civil Engineering	
Active registration number / state / expiration date		28528 / Louisiana / 09/30/2023	
Year registered	1999	Discipline	Professional Engineer: Civil
Contract role(s) / brief description of responsibilities		Traffic Engineering/ Analysis and Design	
<p>Mrs. Darrah has over twenty-seven (27) years experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plans and specifications, construction management and quality control. She is proficient in the use of AutoCAD, Adobe Illustrator, and Highway Capacity Software (HCS). She also has experience using MicroStation and TransCAD. Ms. Darrah has experience developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah also has experience in preparing traffic signal design plans in LADOTD format. This has included timing/phasing analysis, Data Collection, Safety studies, Crash Data Analysis, and Pedestrian Accommodations. She has also prepared construction documents and provided construction engineering services for roadway construction, modifications, point repairs and reconstruction.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/13 – ongoing	<p>FEMA Recovery Roads Program, New Orleans, LA. City of New Orleans. Traffic Engineer. Ms. Darrah assisted with the design plans for the initial phase of roadway plans for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared for concrete patching, panel replacement and asphalt mill and overlay. Incidental paving included sidewalk and driveway replacement and ADA ramp installation at all intersections, and she assisted with estimating for quantities and construction costs. For the second phase of design services, the plans were for the full re-construction of several streets including waterline replacement. She designed the drainage system using LADOTD HYDRWIN software.</p>		
07/22– 08/22	<p>ENT TX Mossville, Caddo Parish, LA. LinTec Services. Project Manager. As the project Manager Ms. Darrah designed Traffic Control Devices Plans for two rolling closures of I-10 and associated ramps in Lake Charles, LA for transmission line repairs. Efforts included designing plans for interstate closure and detours. Ms. Darrah coordinated with LADOTD and Calcasieu Parish in identifying optimal locations for Dynamic Message Signage.</p>		
08/15– 01/16	<p>Audubon Nature Institute, Aquarium of the Americas, Bus Turn Around, New Orleans, LA. Audubon Nature Institute. Lead Engineer. Ms. Darrah was the lead engineer and project manager for the widening and rehabilitation of the existing asphalt service alley along the riverfront of the Mississippi River in New Orleans, Louisiana. The purpose of the project was to provide an off-street bus drop off location for Aquarium visitors. Plans and specifications included typical sections, geometric layout, grading and drainage plans, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with N.O. Public Belt Railroad, surveyors and the geotechnical engineer.</p>		
05/20 – 12/22	<p>Williams Traffic Signals, Jefferson Parish. HNTB Corporation. Traffic Engineer.</p>		



	Ms. Darrah assisted the project lead with signal modifications for three coordinated signals. She was tasked with developing coordination plans, equipment layout, wiring diagram, and quantities for the traffic signal plans using the latest LADOTD TSI format. Other tasks included the addition of pedestrian accommodations including pedestrian phasing, signal heads, and audio push buttons.
08/19 – 01/20	Citrus Boulevard Turn Lane, Harahan, LA. LADOTD. Traffic Engineer. Ms. Darrah was the lead engineer and project manager for the new turn lane on Citrus Boulevard for the Amazon Distribution Facility in Harahan, Louisiana. The purpose of the project was to provide an eastbound left turn lane and reduce the existing median opening at the facility's main entrance. Plans and specifications included typical sections, geometric layout, grading, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with Jefferson Parish, utility companies, surveyors, and geotechnical engineer.
10/10 – 09/15	Pecue Lane / I-10 Interchange Environmental Assessment, Baton Rouge, LA. LADOTD. Traffic Engineer. Ms. Darrah assisted with design and QA/QC for the Pecue Lane / I-10 Interchange traffic signals for the diverging diamond and the signal at the intersection of Pecue Lane at Reiger Road. The signal plans were prepared on the latest LADOTD TSI format. The interstate ramp terminal intersection signals were designed per LADOTD standards and the Reiger Road signal was designed per East Baton Rouge Parish standards. This required close attention to detail given the different equipment requirements and coordination to obtain pay item numbers for East Baton Rouge signal specifications. She reviewed the opinion of probable cost.

SECTION 17: FIRM EXPERIENCE

17. FIRM EXPERIENCE

Firm name			Past Performance Evaluation Discipline(s)*	CE&I / SURVEY
Project name	85/385 GATEWAY PROJECT (I-385 WIDENING AND INTERCHANGE IMPROVEMENTS)		Firm responsibility (prime or sub?)	PRIME
Project number	S-132-14	Owner's name	South Carolina Department of Transportation	
Project location	Greenville County, SC	Owner's Project Manager	David Hebert	
Owner's address, phone, email	955 Park Street, Columbia, SC 29202 (864) 241-1010 hebertdl@scdot.org			
Services commenced by this firm (mm/yy)	10/14	Total consultant contract cost (\$1,000's)	\$255,900	
Services completed by this firm (mm/yy)	04/21	Cost of consultant services provided by this firm (\$1,000's)	\$21,220	

Featured Personnel: Randy Carraway, PE, Billy Coleman, PE, Freddy Kicklighter, PE Suzanne Driver, Andrew Gillis, PE, and Ross Jones, PE, PLS



This Design-Build project involved interstate improvements consisting of reconfiguring a new interchange within the general footprint of the existing interchange by staging construction of the new lanes, ramps, and bridges while maintaining traffic. It also included widening of I-385 through the project limits and improvements were made to several local roads. Additionally, the work consisted of twelve new bridge structures, including two flyovers, and modifications to the substructure of one existing bridge to facilitate the new interchange system.

Project/Construction Management: ICE was

responsible for reporting directly to SCDOT's Resident Engineer, ensuring an appropriate level of inspection for all phases and aspects of the project, and directing inspection staff responsible for inspection, sampling and testing services, including augmenting SCDOT's staff with up to 40 support staff from the ICE Team.

Contract Management & Administration: The firm's Document Control Specialist, **Suzanne Driver**, was responsible for the following: maintaining electronic project files; ensuring inspections and construction monitoring was performed daily; confirming sampling and testing frequencies meet minimum requirements; maintaining accurate logs; assisting with RFI and design change distribution;

verifying that all payroll items were provided by the contractor including those addressing DBE, wage regulations and OJT requirements; and coordinating construction progress meetings and developing, distributing and maintaining construction progress meeting minutes so that all Team members, SCDOT staff, and other appropriate entities have the latest Project information.

Material Testing Engineer: The Material Testing Engineer, Randy Carraway, PE was responsible for coordinating with the project inspectors to ensure that all samples and certifications were obtained, and tests were being performed per SCDOT's Construction Manual, Standard Specifications, Special Provisions and Supplement Specifications. Responsibilities also included logging all samples into the project sample log, tracking test results, ensuring check samples were taken when needed, addressing failing samples with the required documentation, and coordinating with SCDOT's material lab for alternate testing.

Inspection Services: ICE's inspection crews were responsible for observing, reviewing, sampling, testing, and recording the contractor's daily activities for conformance with contract documents and project plans/specifications.

Survey Verification: **Ross Jones, PE, RLS**, lead all survey crews and was responsible for confirming layouts and geometry at key locations. ICE ensured that the project control points were correct and monitored all primary control points periodically throughout the project duration to verify that they have not been disturbed. **ICE's survey verification efforts saved several millions of dollars worth of rework due to errors, omissions, and erroneous layout. These findings were mitigated during the life of the project.**

17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CE&I / SURVEY
Project name	I-85 RECONSTRUCTION & WIDENING (MM 77 TO 98)		Firm responsibility (prime or sub?)	SUB
Project number	P027114	Owner's name	South Carolina Department of Transportation	
Project location	Cherokee and Spartanburg Counties, SC	Owner's Project Manager	Shane Parris, PE	
Owner's address, phone, email	955 Park Street, Columbia, SC 29202 (864) 489-5760 ParrisSL@scdot.org			
Services commenced by this firm (mm/yy)	08/18	Total consultant contract cost (\$1,000's)	\$12,870	
Services completed by this firm (mm/yy)	02/24	Cost of consultant services provided by this firm (\$1,000's)	X	



This Design-Build project consists of three miles of interstate reconstruction and 18 miles of interstate reconstruction and widening from four total travel lanes to six. Improvements consist of rehabilitating asphalt, increasing capacity, and upgrading interchanges and overpass bridges to meet state and federal design requirements. The scope of this project also includes rehabilitating the existing six lanes from pavement joints near MM 76.4 to MM 80, widening I-85 from four to six lanes beginning at MM 80 in Spartanburg County and ending within 0.25 mile of the Broad River Bridge, which is approximately 1.5 miles north of Exit 96 - Shelby Highway (SC 18) in Cherokee County.

Assistant Project Management: The project's Assistant Project Manager, provided by ICE, is responsible for ensuring an appropriate level of inspection for all phases and aspects of the project is provided. He oversees the project inspectors that carry out most of the inspection, sampling, and testing responsibilities.

Inspection Services: ICE's certified inspectors are currently providing inspection and quality acceptance testing services in all areas of concrete structure, structural foundation, earthwork and base, asphalt roadway, concrete pavement and all other construction activities per SCDOT standards and specifications. The inspectors are also responsible for performing weekly erosion and sediment control inspections and weekly work zone traffic control (WZTC) inspections.

Survey Verification: ICE's fully equipped survey crews are responsible for verifying layouts and geometry at key locations to ensure initial project control points are correct. They are also performing verification surveys periodically throughout the contract.



17. FIRM EXPERIENCE (CONT.)

Firm name	 INFRASTRUCTURE CONSULTING & ENGINEERING		Past Performance Evaluation Discipline(s)*	CE&I / SURVEY
Project name	I-285/SR 400 INTERCHANGE IMPROVEMENTS		Firm responsibility (prime or sub?)	PRIME
Project number	P.I. No. 0000784 & 0013546	Owner's name	Georgia Department of Transportation	
Project location	Fulton & DeKalb Counties, GA	Owner's Project Manager	Butch Welch, Jr., PE	
Owner's address, phone, email	600 W Peachtree Street NW, Atlanta, GA 30308 (404) 772-6969 awelch@dot.ga.gov			
Services commenced by this firm (mm/yy)	04/16	Total consultant contract cost (\$1,000's)	\$803,000	
Services completed by this firm (mm/yy)	09/23	Cost of consultant services provided by this firm (\$1,000's)	\$1,650 (Utility Design & Coordination Fee) \$32,000 (MOT Design & IQF Services Fee)	

This Design-Build-Finance project involves 10.5 miles of roadway improvements and includes rebuilding the I-285/SR 400 Interchange as well as improvements to I-285 from west of Roswell Road in Fulton County to east of Ashford-Dunwoody Road in DeKalb County, and improvements to SR 400 from the Glenridge Connector to Spalding Drive.

ICE is serving as the Quality Acceptance firm responsible for the field acceptance inspection and materials sampling and testing for the project as part of the Construction Quality Acceptance Program. This includes Construction Engineering & Inspection services, conducting a continuous inspection program, and performing quality acceptance testing on behalf of the Developer. ICE is responsible for quality assurance for the project data and information delivered. This includes quality control reviews and quality assurance verification in accordance with the firm's QA/QC protocols and Quality Management Plans.

Additionally, ICE performed all utility coordination work beginning with identifying all utilities and Utility Owners within the project, conducting Utility Analysis and Preliminary Routing Reports, and finalizing the development of Utility Agreement and Utility Assemblies for each Utility Adjustment. ICE also coordinated with engineering consultants who prepared exhibits and developed typical utility cross sections at critical locations. ICE provided monthly utilities schedule updates and provided "look-ahead" utilities schedules each week. ICE Utility Coordinators prepared Utility Work Plans (UWP), utility conflict matrices and master Utility Adjustment Agreements (MUAA) and Amendments (MUAAA), performed utility designation and location, and coordinated subsurface utility engineering services.

Featured Personnel: Peter Graf, PE and Michael Simpson, PE



17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-85 WIDENING (MM 98 TO 106)		Firm responsibility (prime or sub?)	PRIME
Project number	P027116	Owner's name	South Carolina Department of Transportation	
Project location	Cherokee County, SC	Owner's Project Manager	Shane Parris, PE	
Owner's address, phone, email	955 Park Street, Columbia, SC 29202 (864) 489-5760 ParrisSL@scdot.org			
Services commenced by this firm (mm/yy)	09/18	Total consultant contract cost (\$1,000's)	\$181,000	
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)	\$18,702	

Featured Personnel: Ross Jones, PE, PLS

This project consists of improving an approximately 8-mile long section of the I-85 corridor and is designed to increase capacity and upgrade interchanges and overpass bridges to meet state and federal design requirements. I-85 will be widened from four to six lanes beginning at MM 98 and ending at MM 106 in Cherokee County. Existing bridges at Exit 100 - Blacksburg Highway (S-83), Exit 102 - North Mountain Street (SC 5), Exit 104 - Tribal Road (S-99), and Exit 106 - East Cherokee Street (US 29) will be replaced to meet current state and federal design requirements.

ICE is providing Construction Engineering & Inspection (CE&I) services. ICE's Construction Managers and inspection crews are responsible for observing, reviewing, sampling, testing, and recording the contractor's daily activities for conformance with contract documents and project plans/specifications. Additionally, the ICE Team is responsible for erosion and traffic control services, verification surveys, utility and railroad coordination, public relations, aerial photography, and design/permitting reviews.

17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-26 WIDENING / NEXTON PARKWAY INTERCHANGE		Firm responsibility (prime or sub?)	PRIME
Project number	35054-01-18/19	Owner's name	Berkely County	
Project location	Berkely County, SC	Owner's Project Manager	Frank Carson	
Owner's address, phone, email	212 Oakley Plantation Drive, Moncks Corner, SC 29461 (843) 719-4179 frank.carson@berkeleycountysc.gov			
Services commenced by this firm (mm/yy)	02/16	Total consultant contract cost (\$1,000's)	\$82,124	
Services completed by this firm (mm/yy)	04/2018	Cost of consultant services provided by this firm (\$1,000's)	\$6,169	

This project consisted of constructing a new I-26 interchange at Nexton Parkway; widening I-26 from four to six lanes from MM 199 to approximately 2,500 feet past the new interchange; demolishing and removing the existing bridge; and constructing frontage road connectors and auxiliary lanes for connectivity to local road network. ICE was responsible for overseeing all day-to-day operations, construction administration and CE&I services.

The new interchange at Nexton Parkway is a full diamond interchange that includes two miles of widening and improvements on I-26. The new bridge at Exit 197 measures 75 feet in width and will accommodate four lanes of traffic. Nexton Parkway will be the new "Gateway to Summerville" with 2.2 miles of divided four-lane roadway, curb and gutter, planted medians and wide multi-use bike and walking paths. The new roadway totals over eight miles.

The southern side includes two frontage roads, two ramps, Loop C, and over 1.5 miles of roadway at North Maple Extension. The first step was clearing the property to begin utility relocation with eight different utility owners and some in-contract relocation. Deep fill zones (up to 30' deep) were adjacent to the new bridge. These deep fill areas required a long consolidation period to reach full settlement prior to final paving. The intersection had seismic design requirements resulting in 595 H-piles running to 90 feet deep, capped with three feet of concrete. I-26 was widened and there were 10 new bored storm crossings beneath the roadway and numerous new overhead directional signs. The two new intersections at the four frontage roads were signalized and the interchange itself has 24 drilled shafts and columns and large panel MSE walls at approach slab areas. These items were installed while various deep fills were underway.

Value Added: *The project was constructed on time and under budget while dealing with swamp conditions and severe weather delays. The close coordination between the critical elements of the project with the contractor's earthwork operation adjacent to, and partially dependent on, a subcontractor's ground modifications and bridge work were critical to success. Managing this project included coordinating 30+ subcontractors, so effective time management and communication was crucial to the successful project.*



17. FIRM EXPERIENCE (CONT.)

Firm name	RICHARD C. LAMBERT CONSULTANTS, LLC	Past Performance Evaluation Discipline(s)*	CE&/OV
Project name	LA1: PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I	Firm responsibility (prime or sub?)	Prime
Project number	H.001234	Owner's name	LADOTD
Project location	WEST BATON ROUGE PARISH	Owner's Project Manager	Brian Delatte
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804, 225-379-1823, brian.delatte@la.gov		
Services commenced by this firm (mm/yy)	12/20	Total consultant contract cost (\$1,000's)	\$7,376
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)	\$4,380



The LA 1: Port Allen Canal Bridge Replacement project is a significant crossing that effects traffic flow through West Baton Rouge Parish and can significantly impact traffic flow on Interstate 10 and Baton Rouge. The project location directly impacts the Port of Baton Rouge, Port Allen Locks, the Union Pacific Railroad Yard, and multiple industrial businesses.

This project includes, but not limited to, construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, LA in West Baton Rouge Parish. The new LA 1 southbound bridge will be on a new alignment to the west of the existing bridges. It will consist of LG-72 & LG-78 PPC Girders spans, hunched steel plate girder main spans, column bents and pile footings. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.

Phase 1 will utilize traffic shifts and phased construction. The traffic shifts and proposed phased bridge construction will be complex with many considerations of constructability, such as crane placement and lifting capabilities, lane shift lengths and site distance, longitudinal profiles for safe transitions from one structure alignment to another, and work above and adjacent to the Port Allen Lock. The project involves asphalt concrete, portland cement concrete, embankment and base course, structural concrete, and bridge coatings. After construction is complete, the northbound and southbound will remain on the new bridge while the existing northbound bridge will function as an on-ramp to I-10.

Construction Engineering and Inspection: *Loyd Luton, PE (Construction Engineer); Richard C. Lambert, PE (Principal); Roy Payne, PE (Construction Engineer); Arthur Ledet, PE (Construction Manager); Adam Dixon, EI (Office Data Manager); Mike Brown (Inspector)*



17. FIRM EXPERIENCE (CONT.)

Firm name	RICHARD C. LAMBERT CONSULTANTS, LLC	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION ROUTES: US61, LA964, LA19, AND LA67	Firm responsibility (prime or sub?)	Prime
Project number	SPN: H.00781, H.000710, H.002273, AND H.001352	Owner's name	LADOTD
Project location	EAST BATON ROUGE PARISH	Owner's Project Manager	Christina Brignac
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804, 225-379-1394, christina.brignac@la.gov		
Services commenced by this firm (mm/yy)	6/20	Total consultant contract cost (\$1,000's)	\$2,905
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)	\$2,269

LA 19, LA 964 and LA 67 are three State Highways that will cross the planned Comite Diversion channel that will provide drainage from the Comite River to the Mississippi River. Each highway's crossing will consist of construction of a vehicular diversion road, construction of new highway bridges over the Comite Diversion Channel, excavation of the Comite Diversion Channel within project limits, placement of revetment, removal of diversion road, and related activities. In addition, the LA 19 project also consists of a temporary railroad shoofly (on grade), existing roadway demolition, and wick drains and surcharge places at the vehicular and rail bridge ends.



Each highway project above will include a vehicular bridge approximately 300 feet long over the Comite River Diversion channel along the existing alignments of each highway. Phase 1 of each project will consist of the construction of a Diversion Road that will allow traffic to bypass the bridge construction on the current alignment with little to no interruptions. Once the bridges are built and traffic is switched back to the original alignments, the diversion road will be removed, and the channel excavation will be completed. Note that LA 19, LA 964 and LA 67 are separate projects and will all be at various stages of construction since they are being completed by different construction contractors.

In addition to the CE&I work on the projects listed above, RCLC is also coordinating all utility conflicts for the 9 mile long Comite River Diversion Channel. This includes all gas, communication, electric, water, etc. services from all utility companies within the channel right of way. Note that the largest utility, Florida Gas Transmission, has two large pipelines that weave in and out of the project limits and due to the size of these underground pipelines, relocation has been a very time consuming process requiring meeting with all entities throughout the project to reach a resolution. Coordination with the utility companies, City entities, DOTD, and the Army Corps of Engineers has been critical to reach an agreement for the relocations that span from the Mississippi to the west and the Comite to the east.

Construction Engineering and Inspection: *Loyd Luton, PE (Construction Engineer); Richard C. Lambert, PE (Principal); Roy Payne, PE (Construction Engineer); Arthur Ledet, PE (Construction Manager); Adam Dixon, EI (Office Data Manager); Mike Brown (Inspector)*

17. FIRM EXPERIENCE (CONT.)

Firm name	RICHARD C. LAMBERT CONSULTANTS, LLC	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	I-12 PINNACLE PKWY / BREWSTER ROAD TCHEFUNCTE INTERCHANGE	Firm responsibility (prime or sub?)	Prime
Project number	LADOTD 454-04-0073	Owner's name	St. Tammany Parish Dept. of Engineering
Project location	COVINGTON, LA	Owner's Project Manager	Daniel Hill, P.E.
Owner's address, phone, email	21415 Koop Road, Mandeville, LA 70471, 985-898-2552, dsodell@stpgov.org		
Services commenced by this firm (mm/yy)	08/05	Total consultant contract cost (\$1,000's)	\$1,104
Services completed by this firm (mm/yy)	04/09	Cost of consultant services provided by this firm (\$1,000's)	\$1,104



Conversion of an existing rest area near the Tchefuncte River to a major interchange from I-12, including an underpass to connect two large developments. Work items included upgrading the horizontal and vertical roadway geometry to meet recent AASHTO standards, modifying existing entrance and exit ramps, 400 LF of Double 9'x7' R.C. Box Culvert, new embankments, asphalt pavement, drainage structures, steel sheet pile bulkhead, guardrail and barrier rail, new traffic signalization, sequence of construction, traffic detouring and lane closures of I-12 using temporary barrier rails and approved traffic control plans. Included the design of a 400' steel sheet pile wall with reinforced concrete whaler and bulkhead. Implementation of new double 9'x7' Box Culvert involved the development of GIS mapping, an H&H study, reviewed and approved by St. Tammany Parish and LADOTD Drainage Departments. Designed by RCLC and constructed as a LADOTD Permit Project.



* RCLC researched and applied the Urban Collector 1 Roadway Classification to the design of the improvements.

Project Planning, Design Services, Construction Engineering & Inspection

Richard C. Lambert, PE (Principal); Franz Zemmer, PE (Design Engineer); Loyd Luton, PE (Construction Engineer); Lee Wright (Draftsman)

17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CEI/OV
Project name	IH-35W - NTE Segment 3A/3B IE & OVTI		Firm responsibility (prime or sub?)	Prime
Project number	86-2IDP5031W1	Owner's name	TxDOT Strategic Projects Division and North Tarrant Expressway Mobility Partners	
Project location	Fort Worth, TX		Owner's Project Manager	Michael Gage, PE
Owner's address, phone, email	2501 Southwest Loop 820 Ft. Worth, Tx 76133; (817) 240-1548; Michael.gage@txdot.gov			
Services commenced by this firm	03/2013	Total consultant contract cost (\$1,000)	\$1,274,000	
Services completed by this firm	10/2019	Cost of consultant services provided by this firm (\$1,000's)	\$19,338	

SAM-CS served as the Independent Engineer (IE) and Owner Verification (OV) firm for these design-build projects. This 6.5-mile from I-30 to Loop 820 was a \$1.274 Billion project delivered through a Comprehensive Development Agreement between TxDOT and the North Tarrant Express Mobility Partners LLC. (Cintra/Ferrovial). These projects consisted of more than 60 bridge structures, over 100 retaining walls, and complete reconstruction of approximately eight miles on IH-35W. SAM-CS was responsible for providing statistical validation, verification, oversight, and construction inspection to assess whether the developer correctly performed the work in accordance with CDA documents. As the IE, SAM-CS provided TxDOT with verification that the Developer performed work in accordance with the contract documents for design, construction, materials, environmental, documentation, safety, MOT, maintenance, and operations. The SAM-CS team was also responsible for materials engineering, the management of field and laboratory testing personnel, and meeting federal guideline testing requirements on IH-35W with compilation of testing results into a quarterly report submitted to the Federal Highway Administration (FHWA). On this project, **Eric Hall** served on the OV Team responsible for providing the client with the verification that the Developer was performing work in accordance with the contract documents for design, construction, materials, environmental, documentation, safety, and MOT.

17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CEI
Project name	IH-610 Ship Channel Bridge Repair		Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	Texas Department of Transportation	
Project location	Houston, TX		Owner's Project Manager	Jamal Elahi, PE
Owner's address, phone, email	7600 Washington Ave., Houston, TX 77007; (713)805-5000; jamal.elahi@txdot.gov			
Services commenced by this firm (mm/yy)	09/2021		Total consultant contract cost (\$1,000's)	\$4,369
Services completed by this firm (mm/yy)	06/2023		Cost of consultant services provided by this firm (\$1,000's)	\$470

SAM-CS provided Construction Engineering and Inspection (CEI) Services for bridge repair services on the 1973 existing bridge structure spanning Houston Ship Channel. The existing structure consists of 65 spans totaling 1235 feet approximately 135-ft over the Ship Channel Project required implementation of 2 Milestone Phases beginning with a total closure of each direction of the Bridge until each Phase of work was completed. Strict coordination and communications with the Post of Houston and the US Coast Guard were required before and during construction. Services provided include substructure repair of the existing concrete beams (bottoms and ends) where existing reinforcement was exposed, repair of the diaphragms, bent caps and columns where existing reinforcement was exposed. Services also included repair of sections of bridge deck and C-4 Concrete rail where cracking and deterioration had progressed due to previous vehicle impacts, weathering and age. Work was performed with substructure access using 32 steel cables along the bottom of the bridge where a suspended platform was installed along the outside edges of the bridge and under the bridge at all painting locations called out in the plans. The vertical clearance over the Main Ship Channel could not be compromised per the US Coast Guard requiring the Contractor to re-engineer their proposed working platform design. The Bridge has 65 spans (total length of Bridge at: 6302.00 LF with 6 Steel Girders (Bent 45 to Bent 50) spanning over the Main Ship Channel spanning a total of 1233.86 feet. **James Callenius** served as Construction Manager and was responsible for inspector oversight on project activities such as traffic control, striping, bridge demolition, and bridge reconstruction (drilled shafts, mass footings, columns, bent/abutment caps, concrete beam placement, forming/placement of concrete for bridge, bridge rail, new signals, and communication fiber). He also had oversight of measurement of work completed and payment to the contractor.

17. FIRM EXPERIENCE (CONT.)

Firm name			Past Performance Evaluation Discipline(s)*	CEI
Project name	US 290, Segments 1-10		Firm responsibility (prime or sub?)	Prime
Project number	12-5SDP5117AB	Owner's name	Texas Department of Transportation	
Project location	Houston, TX	Owner's Project Manager	Hamoons Bahrami, PE	
Owner's address, phone, email	14838 Northwest Freeway, Houston, TX 77040; (713) 934-5900; hamoon.bahrami@txdot.gov			
Services commenced by this firm (mm/yy)	08/2015	Total consultant contract cost (\$1,000's)	\$992,000	
Services completed by this firm (mm/yy)	10/2020	Cost of consultant services provided by this firm (\$1,000's)	\$25,072	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

In August 2015, SAM-CS was retained to provide CEI services on the US 290 corridor. This 27-mile, approximately \$696M dollar project was let to construction in various stages between May 2011 and July 2014. Divided into multiple Segments, we are providing CEI services for three years on US 290 Segments 2 and 3 & Segments 6 through 10A between IH 610 and SH99. Soon after our services were retained on the above Segments, TxDOT requested that we provide CEI support services on Segments 4 & 5 which were being staffed with TxDOT personnel. This 6-mile, approximately \$296M dollar project was let in May and April 2013, respectively, and extends from West Little York to 34th Street. Our major transition duties on the entire US 290 corridor included inspection services, processing of change orders, material testing, scheduling services and utility coordination. **James Callenius** served as Construction Manager and provided oversight of multiple inspectors assigned to eight segments on US 290. He assisted with scheduling inspectors to perform the inspection of roadway elements including storm sewer, waterline, earthwork, paving, MSE walls, bridge substructure and superstructure, underground utilities, electrical, CTMS, traffic signals, and High Mast Lighting. James was also responsible for recording daily activities and paying quantities on a Daily Work Report (DWR) in SiteManager, preparing Form 1257 for payment of work including calculations, and plotting all contractor completed work. One lesson learned is the importance of early recognition of potential conflicts or issues so that steps to mitigate delays can be implemented in a timely manner. An example from the US 290 project related to drainage. Through review of the approved plans and monitoring the work in the field we discovered that the flowlines of the storm sewer between Segments 7 & 8 did not match and needed to be modified. Because it was caught early, with significant storm sewer still remaining to be installed, we were able to easily resolve the issue by adjusting the grade on the remaining pipe to make a proper tie-in.

17. FIRM EXPERIENCE (CONT.)

Firm name	Urban Systems, Inc		Past Performance Evaluation Discipline(s)*	Traffic
Project name	US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery		Firm responsibility (prime or sub?)	Sub
	Design/Build			
Project number	SP H.010620	Owner's name	LADOTD	
Project location	Lafayette Parish, LA	Owner's Project Manager	Peggy Jo Paine, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge Louisiana, 70802, 225.379.1065, peggy.paine@la.gov			
Services commenced by this firm (mm/yy)	01/14	Total consultant contract cost (\$1,000's)	n/a	
Services completed by this firm (mm/yy)	08/19	Cost of consultant services provided by this firm (\$1,000's)	\$232.6K	

Urban Systems, Inc. was part of the Design/Build team under the engineering task for this project. The project included upgrading a portion of US 90 from a four-lane facility to a six-lane facility with controlled access. The project also included providing a system of frontage roads to provide connectivity. Urban Systems was responsible for a variety of tasks including developing a signage plan, traffic signal plans, temporary traffic control plans (TCDP), traffic analysis and a Level 3 Traffic Management Plan (TMP) based on LADOTD EDSM VI.1.1.8.

Proposed Team Members who Worked on This Project:

- **Alison Michel** – Senior Engineer/ Principal of traffic task
- **Nicole Stewart** – Senior Engineer/ Vice- Principal of traffic task

Signage and Traffic Signal Plans

As part of the definitive design portion of this project, USI developed signage and traffic signal plans based on LADOTD requirements. The traffic signal plans were also developed in the latest LADOTD TSI format. These plans were updated during the construction phase of the project as unforeseen issues arose. USI worked closely with the contractor, team members and local entities throughout the construction phase.



Temporary Traffic Control Plans (TCDP)

Temporary traffic control plans were developed for the various phases of construction. These plans also included temporary traffic signals for some of the phases. These plans were developed to meet the current LADOTD standards. Additional traffic control plans were developed during the construction phase of the project as required by the contractor. Some of these plans involved complicated detours and devices to maintain access while completing construction.

Traffic Study and TMP

Traffic analysis was conducted to determine the impact construction and the proposed configuration would have on traffic conditions. Traffic volumes were re-routed for each phase on construction and capacity analysis was conducted for each scenario.

A safety analysis was prepared for the study US 90 roadway segment, LA 182-roadway segment, and the US 90 at Albertsons Parkway/St. Nazaire Road intersection based on the guidelines set forth by LADOTD in *Part III: Guidelines for Conducting a Safety Analysis for Transportation Management Plans and Other Work Zone Activities, May 2013*. The purpose of this analysis was to assess the safety impacts of the construction activities within the project area and mitigate the impact on the state highway. Mitigation strategies were also identified to minimize work zone impacts for incident management to increase construction zone safety.

17. FIRM EXPERIENCE (CONT.)

Fiirm name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	FEMA Bayou St. John, Fairgrounds & Seventh Ward, Group A		Firm responsibility (prime or sub?)	Prime
Project number	2013-FEMA-4ABE	Owner's name	City of New Orleans, Department of Public Works	
Project location	Orleans Parish, LA		Owner's Project Manager	Jahan Aghakasiri
Owner's address, phone, email	1300 Perdido St. #6W03, New Orleans, LA 70112, 504.658.8036, Jahan.Aghakasiri@nola.gov.			
Services commenced by this firm (mm/yy)	02/14	Total consultant contract cost (\$1,000's)	\$15M	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$278K	

Urban Systems provided professional engineering design services for FEMA-eligible street repairs within the designated boundaries of the Seventh Ward, Fairgrounds and Bayou St John Neighborhoods in New Orleans, LA. FEMA-eligible street repairs include patch and overlay or full reconstruction of pavement with or without curbs, sidewalks/driveways, and handicapped ramps that were damaged by events related to Hurricane Katrina including, but not limited to, flooding, demolition, heavy vehicle traffic and debris.

Urban Systems has completed the Scoping Services, Preliminary Design Plans and submitted 100% Final Design Plans including construction cost estimate and specifications.

Scoping Services included reviewing initial items deemed eligible by FEMA representatives and evaluating each neighborhood for additional items that may fall under the criteria for eligibility. Site visits were performed to verify location and size of initial eligible items. Recommended changes to the items

were documented. All items were presented in the Scoping Drawings which identified location, type and size of each repair. The Scoping Report and Scoping Drawings were submitted to City of New Orleans DPW and FEMA for review and approval. Items approved by DPW and FEMA were carried forward into design. Some additional repairs were added to the project during design to address public concerns and/or complaints.

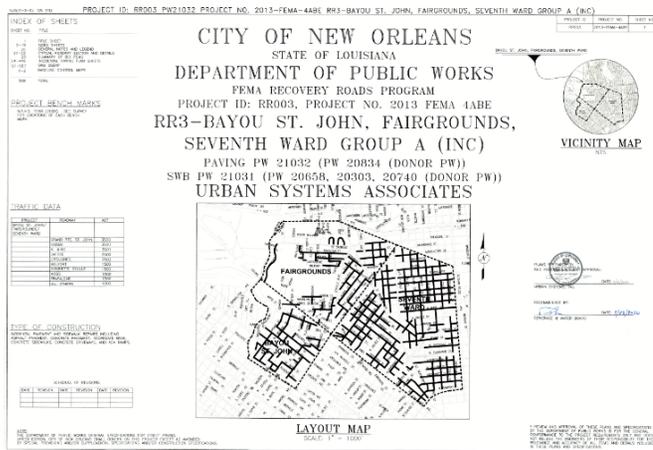
Preliminary Design Plans consisted of title sheet, typical sections, special details and plan view drawings. Drawings were considered 60% design. A Preliminary Report was also prepared to document notable design decisions and/or recommendations.

Final Design Plans consisted of roadway and incidental paving design for over 400 city blocks, Preliminary Plan comments and a Plan in Hand (PIH) Meeting, and work area (EHP) footprints for FEMA approval. The final sewer design plans (by others) have been incorporated into the plan set and construction cost estimates by Urban Systems.

The bid process has been completed and the construction contract has been awarded. This project required coordination with City of New Orleans DPW and Sewerage & Water Board. Urban Systems is currently performing construction administration and resident inspection services. Additional repairs were added to the scope based on field conditions at the time of construction.

Proposed Team Members who Worked on This Project:

- **Alison Michel** – Senior Engineer/Principal of traffic task
- **Nicole Stewart** – Senior Engineer/Vice Principal of traffic task
- **Christine Darrah** – Engineer



17. FIRM EXPERIENCE (CONT.)

Firm name	Urban Systems, Inc.		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Belle Chasse Bridge & Tunnel		Firm responsibility (prime or sub?)	sub
Project number	S.P. No. H.004791	Owner's name	LADOTD	
Project location	Plaquemines Parish, LA		Owner's Project Manager	Nicolas J. Oliver P.E.
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70808, 225.379.1133. nicolas.oliver@la.gov			
Services commenced by this firm (mm/yy)	03/20	Total consultant contract cost (\$1,000's)	n/a	
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$121K	

Urban Systems has been tasked to assist with engineering reviews for a proposed private-public partnership (P3) project to construct a new bridge over the GIWW for LA 23 in Plaquemines Parish, Louisiana. Urban System is part of the owner verification team to provide compulsory reviews for traffic related design/ work throughout the course of the project. This project will follow the LADOTD P3 process. Urban Systems is reviewing both design and construction related submittals. These are expected to include a traffic study, traffic signal plans, traffic control plans, a Transportation Management Plan (TMP) and change orders.

Proposed Team Members Who Worked on This Project:

- **Alison Michel** – Principal In Charge of traffic Engineering task
- **Nicole Stewart**– Engineer

Team tasks also include:

Task 1: Contract Administration

Task 4: Department Liaison

Task 2: Design Support Services

Task 5: Partnering

Task 3: Construction Support Services

Task 7: Dispute Resolution

Project Oversight and Verification

Task 8: Project Closeout

PLAN VIEW OF THE PROPOSED STRUCTURE



SECTION 18: APPROACH AND METHODOLOGY

18. APPROACH AND METHODOLOGY

TEAM EXPERIENCE, EXPERTISE, AND AVAILABILITY

The ICE Team, led by Principal **Billy Coleman, PE**, Project Manager **Randy Carraway, PE**, Project Engineer **Ahmad Akl, PE** and Deputy Project Engineer **Roy Payne, PE**, will leverage decades of CEI/OV experience, managing DOTD projects of various scope and magnitude. Our Team has access to over **200 licensed inspectors** as well as dedicated professionals with unique experience in road construction, design reviews, traffic control, and testing services. Our Team includes professionals that have worked for and with LaDOTD for decades. Our **certified inspectors** have **decades of combined LaDOTD inspection and testing experience**. Because of our low workload, our combined Team provides **100% availability to LaDOTD** for this contract. We have dedicated personnel to oversee and manage the project with the workflow described in the Project Approach.

The Team's project management approach and successful delivery of projects draws from our understanding of construction challenges, environmental aspects, and community factors, and leads to the effective management of these constraints and risks, thereby reducing the potential for schedule delays and minimizing impacts affecting overall project costs. The ICE Team understands the importance of timely project delivery and accurate record keeping, documentation of daily project activities, and proactive claim avoidance coordination.

Many of our legacy LPA staff, including our lead inspector, participated in the TIMED program. Louisiana's "Transportation Infrastructure Model for Economic Development" (TIMED) Program began in June of 2002 and was completed in December 2013. The LTM Joint Venture team was selected in the area of program management and design oversight and was responsible for the construction engineering and inspection. In total, the TIMED Program called for the completion of 55 individual roadway projects, many of which involved the widening of two-lane roads, as well as three major bridge projects. Some of the projects that were already underway fell under the joint venture's program management responsibilities, while others required start-to-finish design, financial management, and construction services. This budget-constrained program was executed on an accelerated schedule, using innovative financing and program management techniques.

OUR TEAM

We are proud to partner with **Richard Lambert Consultants, LLC, SAM Construction Services, LLC, Lazenby & Associates, Inc., LaTerre Engineering, LLC (DBE), and Urban Systems, Inc. (DBE)**.



Infrastructure Consulting & Engineering, PLLC (ICE) offers transportation consulting and engineering services throughout the Southeast including highway, structure/bridge, and hydrology/hydraulic design; geotechnical engineering and foundation testing; utility coordination; surveying; traffic engineering; architectural design, and construction management and inspection services. ICE is led by an Executive Committee and Management Team who have acquired more than 175 years of transportation engineering experience collectively. These individuals take a results-driven approach to meeting the specific needs of our clients. ICE has grown to more than **450 employees** since its inception including a construction management and inspection division of more than **200**, and numerous CADD Technicians and support personnel. Our leadership includes: **Elham Farzam, PE** (President and CEO), **Billy Coleman, PE** (Chief Operating Officer), **Peter Graf, PE** (Executive Vice President), and **Glen Lott, PE** (Chairman of the Board).

Additional ICE Resources	
Inspectors	156
Design Engineers	70
Construction Managers	27
Construction Engineers	11
Document Control	13
Environmental	6
Utility Coordinators	7



RCL Consultants, LLC (RCLC) is an award-winning provider of innovative and sustainable design in all facets of architecture and engineering RCLC is a recognized leader in civil engineering and has been acknowledged with numerous awards as well as personal letters of reference for numerous projects that we have completed in the past. This leadership is the result of a strong principal and team of engineers with years of experience in their disciplines. Our company values of professional practice, strong work ethic, honesty, commitment to our clients, and compassion for our community are instilled in all our employees, not only our firm leaders, but all our staff. At RCLC, we are committed to doing whatever it takes to realize our client's goals and objectives. Our staff is informed, resourceful and extremely hard-working and we are always willing to go the extra mile to give our client prompt, attentive, and efficient service. We are dedicated to meeting project schedules and budgets with good and creative design that satisfies our mission to satisfy every client and, in doing so, develop long-term relationships with them. RCLC's Principal is **Richard C. Lambert, PE**.



Founded in 2011 as a wholly owned subsidiary of Surveying and Mapping, LLC, **SAM – Construction Services, LLC (SCS)** specializes in providing a full range of services to support our clients during the construction of their projects. Specifically focused on the transportation space, our services center around Quality Assurance and the inspection of road and bridge construction. As a prime provider, we typically lead teams delivering CEI services, Independent Engineer services, OVTI services, and CPM Scheduling Support. SCS is headquartered in Austin and has 4 other offices strategically located across the state. SCS staff co-authored TxDOT's DB QAP Implementation Guide, which is the same set of standards used by LADOTD.

SAM-CS' organizational structure includes a deep bench of over 65 highly qualified project managers, engineers, Record Keepers, and inspectors, which will allow the project to kick-off and ramp up quickly to meet deadlines, resulting in successful projects.



Lazenby & Associates, Inc. is a progressive firm providing a wide range of civil engineering and land surveying services since 1969. Lazenby & Associates, Inc. is proud to serve Louisiana, Texas, Arkansas, and Mississippi. The principals of Lazenby & Associates, with their many years of consulting experience, maintain an active involvement in all aspects of project development. Our engineers draw upon the experience and technical expertise of all other professionals within the firm while maintaining an independent and personal interaction with their clients. We provide guidance and personal attention to our clients from project conception to completion. L&A has a remarkable record of continued growth and progress due to our staff of proven professionals, dedicated employees, and utilization of the latest equipment and software. We are very proud of the team of personnel we have assembled that possesses a comprehensive range of practical knowledge and accomplishment. We feel our success in the past and the outlook for our firm in the future justifies this confidence.



La Terre Engineering, LLC (LTE) is a minority owned, civil engineering firm founded in 2020 by **Seneca Toussant, PE** and located in downtown Baton Rouge, Louisiana. Mr. Toussant is a highly regarded professional civil engineer with experience in transportation, planning and roadway design services to communities large and small, including local roadway and state highway design. Mr. Toussant, LTE's founder and principal engineer has an extensive 20-year history on a wide range of projects throughout the state of Louisiana for various state agencies, municipalities and parish governments.



Urban Systems, Inc. has over forty-seven years of experience focusing on transportation, traffic engineering, and planning services. Our professionals are experts at evaluating different parking, traffic, and transportation issues; developing technically sound recommendations while utilizing computerized models to test improvements; and providing creative solutions. Urban Systems has worked with a diverse array of clients and is experienced in all aspects of traffic planning and engineering including master planning, access management, public safety, parking layouts, internal circulation, traffic control, and signal operations. **Alison Catarella Michel, PE, PTOE, PTP, RSP** is the President of Urban Systems, Inc.

PROJECT APPROACH -: HBI OWNER VERIFICATION SERVICES

Selection | Upon selection, the ICE Team will:

- Within 15 days, hold kick-off meeting with DOTD.
- Within 30 days, provide DOTD a work hour proposal identifying specific positions and anticipated hours to perform the scope, including anticipated direct expenses.

Award | Upon award of this contract, the ICE Team will provide the following deliverables, including:

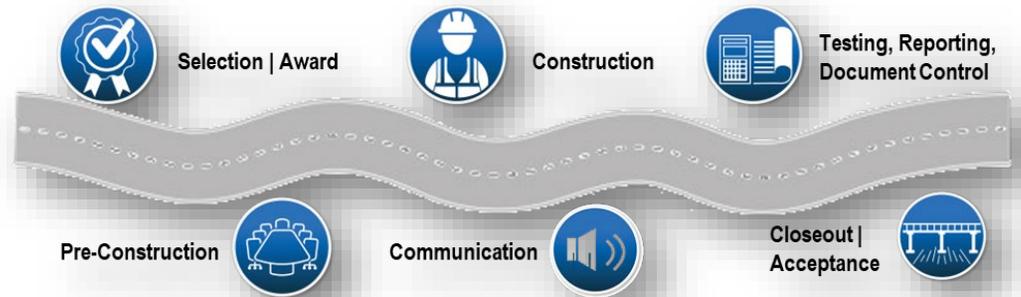
- List of all job classifications for each team member for development of “Specific Rates of Compensation”
- Within 10 days of Award, Submit **QA/QC plan** to DOTD PM, which will include:
 - Design and submittal review and acceptance, communication plan for the Public-Private Partnership (P3) and OV teams, develop Request for Information (RFI) process, field design change reviews, and Release for Construction (RFC) circulation.
 - Owner Verification Testing Inspection Plan, detailing roles and responsibilities of team members; inspection procedures, work acceptance, documenting personnel training and certification, document control (including RFI process), non-conformances (NCR), and maintaining equipment calibrations; internal audit procedures and documentation for all staff, including subconsultants; verification of Contractors Quality Management Plan (CQMP) practices and procedures; and IA coordination.

These plans will be developed in accordance and with strict adherence to the Construction Quality Assurance Program (CQAP).

Pre-Construction | Randy Carraway, PE will coordinate a pre-construction meeting with the project stakeholders to establish a NTP date and to discuss critical items, milestones, and timelines, as described in the table below. All decisions will be made, and tasks will be performed in full compliance with LaDOTD policies and procedures.

Prior to OV NTP, the OV Team will assist the DOTD in the set-up functions, including:

- Assist DOTD in set up of Price Centers (PC) and Progress Check Points (PCP) per P3 Price Proposal in the Documentation Database
- Hold a Pre-Work Conference where the P3 will provide the first 60 days’ planned activities and lists of sub-contractors/materials suppliers.
- Review/approve initial 90-day work schedule, then CPM Baseline Schedule within 45 days of Award
- Review the Contract Submittal List (CSL) and OMF-1a’s, and work with DOTD PM to establish review teams by submittal type (Bridge, Road, Drainage, etc.)



- Manage, participate and document required meetings: Design Workshop, Site Mobilization, Design Mobilization, Partnering
- Review and recommend acceptance for all required submittal plans, including but not limited to: Design Review Plan, Periodic Payment Schedule, Quality Plan, Site Safety Plan, Schedules for erosion control, Transportation Management Plan, Utility Relocation Plan, Construction Quality Management Plan, Site Security Plan, ROW acquisition Plan, and Geotechnical Planning Reports.
- Partnering Meeting - Principal in Charge, Project Managers, Project Engineers, Design Review lead, Lead Inspector, and Document Control staff will all participate. Randy (OV PM) will commit to follow up on actions from the meeting and cultivate working relationships for the duration of the project.

Construction Administration | The ICE Team is prepared to manage construction administration activities. We will follow the project CPM schedule set forth by the contractor and approved by the Project Manager(s). We will work to ensure we avoid delays, and that the contractor has the necessary resources shown in their CPM schedule to construct the project within the work activity durations provided. ICE will be responsible for tracking the contractor's progress and the associated project documents, such as monthly pay requests or supplemental agreements.

Communication | Project Manager **Randy Carraway, PE** will represent the interests of DOTD at every meeting. Effective communication is the key to a successful project and striking the right balance between good communication without redundancy and meeting fatigue will include:

Weekly Progress Meetings: Objectives will include discussing progress, outstanding submittals, reviewing unresolved issues, confirming that there are no delays or pending claims; reviewing the look-ahead to secure proper material testing, staffing resources, and identifying press releases and closure notices that need to be submitted to DOTD by our project manager, **Randy Carraway, PE**, and our project management support team. Summaries of these meetings will be documented and provided to DOTD PM and attendees.

Submittal and Plan Meeting: Due to the vast quantity of submittals anticipated for this project, holding short separate meetings on the front end with the lead reviewers and designers to discuss priority of reviews, pending submissions, progress of current reviews, and clarifications will be key. These will be held as needed until submittal reviews taper off. This is a proactive approach allowing the collection of comments without the need for a Form DR and keeps the entire team to be on the same page. All comments are documented and distributed to relevant parties.

Pre-Activity Meeting: Prior to the commencement of each major activity (such as pile driving, deck pour, embankment/base, etc.), these focused meetings will have the objective of reviewing the QA/QC plan, contractor's work plan, establishing expectations from all stakeholders, and identifying acceptance measures and points of contact. Individuals directly involved with the operation will attend, including the lead inspector, **Bobby Mullins**, contractor foreman (including subcontractor), and suppliers (asphalt or concrete).

Utility Meeting: Given the presence of several different utilities, including a significant portion of rail, in close proximity to the project, routine utility meetings will likely be needed. In order to keep apprised of utility progress and identify potential work shifts to non-impacted areas to minimize schedule impacts, **Matthew Cox** (OV Liaison), the conflicting utility company, and the contractor PM will attend these meetings, and notes will be documented and distributed to relevant parties.

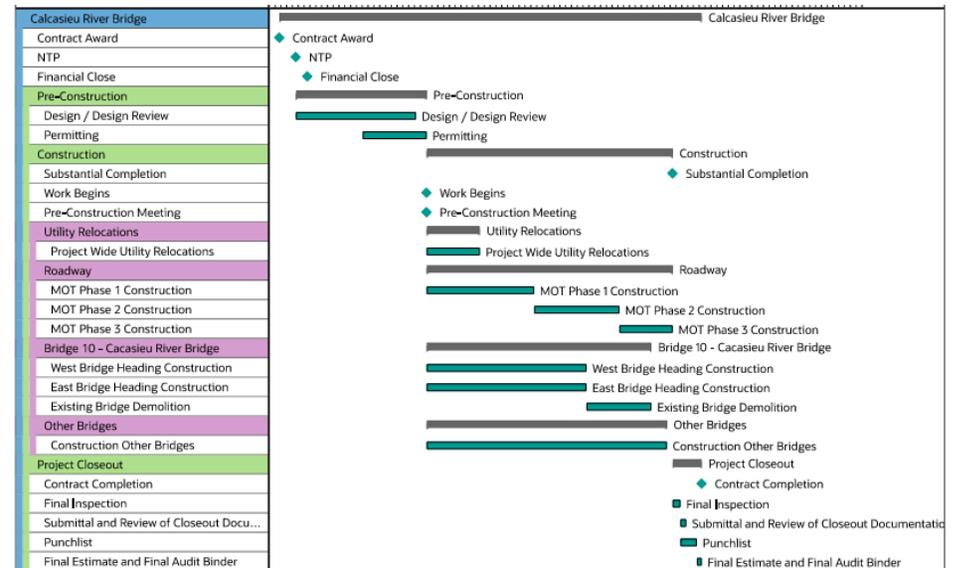
Monthly CPM Schedule Meeting: ICE's CPM Schedule Reviewers, **Andy Gillis, PE**, and **Josh Apsitis**, will hold a separate meeting to review schedule updates, dispute of logic, recovery schedules and slippage with the contractor; the Contractor PM and the OV Project Engineer will attend this meeting.

Dispute Resolution: When there are gaps in communication, and a lack of resolution persists, **Randy Carraway, PE and Leland Colvin, PE** will assist DOTD with potential claim or dispute by performing research, reviewing documentation, and summarizing records to support DOTD.

Community Outreach: **Lynda Monroe** and **Mallory Beasley** will serve as liaisons with the public as well as local entities and the LaDOTD. Both Lynda and Mallory have extensive experience in community outreach on a wide range of projects. They will liaise between the developer, public entities, utilities, railroads, and any other stakeholders and assist the DOTD Project Manager in coordinating with the DOTD Communication and Public Information Officer for providing accurate and timely information to the public and media on construction activities, traffic impacts to the travelling public (lane closures, night work, etc.), and maintaining a project website. They will leverage strong working relationships with local officials and leaders as well as innovative communications techniques to keep local entities and the public informed as well as proactively identify, prevent, and/or resolve problems that arise with stakeholders and enhancing the public awareness during the Project.

Project Schedule | Following NTP, **Andy Gillis, PE**, and **Josh Apsitis** will review the project schedule provided by the contractor for compliance and use this schedule to properly staff the inspection services required to cover the proposed work activities by the contractor.

Design Reviews | Upon award of OV contract, **Randy Carraway, PE** will meet with the DOTD PM to establish design review teams, including both OV and DOTD reviewers. Design reviews will be led by RCL's **Franz Zimmer, PE**. Franz will facilitate review processes and formal design acceptance, including plan and sub-plan approvals, Released for Construction (RFC) plan approvals, and reviewing unit milestones. Document Control Manager, **Suzanne Driver**, will be the single point of document control contact with the design team. She will take receipt of all incoming submittals, log receipt and due date, scan into the DOTD Documentation Database, and forward all Design related submittals to **Franz Zemmer, PE** and all field related submittals to **Randy Carraway, PE**. Randy will then forward to the specific design team designated by the DOTD PM for review. He will ensure review responses are returned by each team expeditiously, collated to eliminate repetition on a Form DR, and returned to Suzanne to be logged and transmitted back to the design team. Once all comments are addressed, the final RFC plans and a copy of addressed comments are transmitted by Suzanne to the FHWA for concurrence.



Environmental Compliance | **Barrett Stone, PE** will lead our environmental compliance efforts. He will review inspections of erosion control measures as well as ensuring compliance with the Storm Water Pollution Prevention Plan (SWPPP) and all other Department of Environmental Quality, Army Corp of Engineers, and U.S. Coast Guard Permits.

Survey Verification | Lazenby & Associates will provide survey verification services. **Lazenby & Associates, Inc.** and **Ross Jones, PE, PLS** will perform any necessary spot checks of the developer's construction layout for verification. All surveying will be in accordance with the requirements of the Louisiana Professional Engineer and Land Surveying Board.

Document Management | ICE's full-time Document Control Manager, **Suzanne Driver**, will provide document management services for all submittals, reports, and test results. She will ensure that the construction management software is set up to track materials and quantities for testing, sampling, and facilitating all payment mechanisms included in the Contract Documents. The Team is very familiar with using SiteManager and contract management software systems (including LAPAVE, ProjectWise, and Headlight) and with developing customized databases to track pay item quantities, test results, testing frequencies, and requests for information, etc. Material certification and sample logs will be used to ensure approved materials are incorporated into the project prior to placement. The ICE Team will provide electronic deliverables in accordance with DOTD standards.

Unique Resources | ICE uses BOX, a cloud-based collaboration platform, which enables engineers and inspectors to access and store plans, specifications, contract documents, construction manuals, etc. from any device anywhere in real time in the cloud. It helps to improve quality and efficiency for transferring information to document control personnel by uploading pictures or DWRs and for downloading revised plans, approved RFIs, material certifications, etc. It allows inspection staff to collaborate on multiple tasks such as redlining as-bult plans or verifying the status of punch list items in the field. BOX is easy to access and is a safe and trusted program used by industry leaders.

Project Documentation | All construction activities, including personnel and equipment, will be monitored through Headlight, including photos and daily inspection notes. All of our inspectors and project engineers are familiar with the Headlight application and are adept at using iPads on the jobsite. Our Team is well-versed in DOTD procedures and applications, including SiteManager, ProjectWise, and Headlight. Our inspection team has utilized the Headlight platform on the **Port Allen Canal Bridge Replacement – Phase I** in West Baton Rouge Parish and **Kansas Lane Extension – Phase I and US 165 Turn Lane** in Monroe.



Inspection and Testing Services | The ICE Team has experienced LaDOTD-certified inspectors and technicians in all certification disciplines. Our project inspectors will provide field testing and inspection services using approved equipment and processes to ensure the quality of the work and materials. We will use the district laboratory, unless directed to do otherwise.

ICE has an AASHTO-accredited lab in Monroe, LA, which can provide laboratory testing services if needed. **Carl Harwell**, former LaDOTD Lab Manager in District 05, will lead our testing services.



Bobby Mullins will lead our inspection team. All work will be inspected, and quantities will be verified before any pay application is approved. A final estimate package, including Form 2059, will be supplied in accordance with DOTD requirements. We will monitor/audit the Developer's CQAP activities related to construction and fabrication, including the developer's adherence to the CQAP requirements, and verification of compliance with the developer's Construction Quality Management Plan (CQMP) and QC plans.

Contractor Submittals | The ICE Team will review and track all items submitted by the contractor as part of the project documentation requirements, including the Sediment and Erosion Control Plan, Detour Plan, and Traffic Control Plan. ICE will include the verification of certifications of the contractor's personnel, claims review, submittal review coordination and tracking, and concurrence of As-Built Plans. These submittals will be tracked using a submittal schedule and maintained by document control personnel. The ICE Team will review and verify the contractor's RFIs and coordinate As-Built Plans and final estimates for accuracy and completion and review and approve shop drawings as necessary.

Contractor's Pay Requests | Accurate quantities for each day of work will be identified by the inspectors assigned to each project and recorded in their daily work reports. The ICE Team's field inspectors and the contractor's representative will agree on all materials incorporated into the project daily. This minimizes discrepancies in pay requests and decreases the amount of time required to verify quantities and produce pay estimates. The ICE Team will assist in generating the contractor's pay request by inputting quantities into SiteManager/Headlight so that the estimate can be generated. The quantities submitted by the contractor will be easily confirmed or disputed by use of this report, and any disputed quantities shall be extensively researched until an accurate quantity can be confirmed. This process provides appropriate verification as to the accuracy of the contractor's estimates and allows for the recommendation of such approval.

Work Acceptance | On a P3 Project, the OV Firm is verifying that the P3 is building the project according to the method and procedure approved in the CQMP. Our Team understands the importance of project closeout and **Randy Carraway, PE** will aid the LaDOTD Project Manager with project closeout. Many tasks associated with the proper close-out of the project will be the responsibility of Randy. He will perform activities such as coordinating final inspection, producing the punch item list, and ensuring the completion of these punch list items. Like aiding throughout the construction process, he will also be responsible for approving final contract quantities, ensuring all material certifications are completed and submitted, and aid in the final as-built drawings for the project.

Contractor Submittals	
✓	Sediment and Erosion Control Plan
✓	Traffic Control Plan
✓	Certification Verification
✓	Claim's Review
✓	RFI's
✓	As-Built Plans
✓	Final Estimates
✓	Shop Drawings

The ICE team will assist LaDOTD with acceptance inspection, verification sampling and testing, monitoring, and auditing the developer's CQAP construction and fabrication activities, receipt and documentation of all materials and fabrications, contractor's collections, submission, and results of all tested samples. We have the personnel, equipment, and materials necessary to perform required field tests and fabrication testing.

OVTIP | The Owner Verification Testing and Inspection Plan, developed in the early stages of the project, describes the methods and procedures that the OV field team will use to maintain their own credibility (certifications, calibrations), inspect construction aspects, analyze results. This plan governs how they will respond to variations as well as approvals, how they will communicate with DOTD District Lab for Independent Assurance (IA) sampling and testing, etc. The OVTIP is a living document and will be revised to reflect methods and procedures compatible with the P3 CQMP and within the requirements of the Construction Quality Assurance Plan (CQAP).

Utilities | Matthew Cox will coordinate with the DOTD and appropriate utility, railroad, or other stakeholder representative for all work on such facilities. Inspectors will inspect, test, and accept work performed by utility companies for compliance; track labor, equipment, and material on Force Account; and monitor progress according to contractor's schedule to provide update at weekly meetings.

Traffic Control | An ATSSA TCS certified inspector will spot check that all traffic control devices are functioning properly, identify any observed near misses, verify TC dailies are maintained and accurate by the contractor daily, and communicate any required repairs to the contractor.

Quarterly Reports | Ahmad Aki, PE (Project Engineer) will develop a quarterly report that includes Level 1 statistical validation of the P3's QC sampling and testing utilizing OV's testing; Level 2, QC tests validated by OV tests at a lesser frequency; and, Level 3, those items requiring strictly visual inspection. This Report also includes failing materials, NCRs with updated log, Engineering Judgement's and updated log, etc.

Audit | The Project Engineer and Document Control Manager, Ahmad and Susan, will perform an audit on DWR entries and field book pay quantities at the close of each partial estimate date; authorize all daily entries, a draft estimate of the pay quantities will be reconciled with the contractor prior to submitting for approval within SiteManager.

Claims Avoidance | The ICE Team is fully committed to timely and successful project delivery and claims avoidance on LaDOTD and entity contracts. While our inspectors will strive to make appropriate projects, decisions backed up by the specifications, we realize it is sometimes necessary to elevate issues to Project Engineers quickly to avoid project delays. The key to most project related problems is usually resolved by encouraging and maintaining good communication between all parties. We will monitor and document all construction claims in accordance with the appropriate Engineering Directives and Standards Manual (EDSM) and processes established in the Contract Documents, review any claim submittals which may include proposed overhead rates or otherwise requested by DOTD, and provide recommendations on disposition of claims. The ICE Team's goal will always be to assist our clients by encouraging open communication between contractors, other agencies, and LaDOTD.

Substantial Completion/Acceptance | Upon substantial completion of each task order, the Project Engineer will stop time and arrange a final inspection with all interested parties and a punch list will be developed. Upon completion of the punch list, the OV Project Manager will provide the DOTD PM with a recommendation of final acceptance.

Closeout | Upon completion of the punch list, the Project Engineer will submit Form 2059 and all backup documentation to the DOTD District Lab Engineer. The Project Engineer will review D-B's As-Built plan set for accuracy and completeness. Final Estimate package is assembled per Audit checklist including Final Estimate, final Weather and Workday Report, original Change Orders, D-B's "as-built" plans, field books, etc. Upon acceptance of Form 2059, Ms. Driver will schedule delivery of the final audit box to the DOTD headquarters for review and acceptance. Final Audit box will be hand delivered to DOTD Audit Department within 30 days of project final acceptance.

Innovative Delivery Contract Engineering Administration (OV), Innovation and Quality Assurance

ICE is always striving to be at the forefront of the industry by incorporating new ideas and approaches into our work plans. The firm has company-wide management meetings to discuss successful processes utilized in other states as well as other work that we manage. The ICE Team participates in numerous Engineering Associations to keep up with the

latest new technologies and construction practices, and ICE is heavily involved in Design-Build programs in numerous states. There are many new technologies and construction techniques that evolve from the Design-Build and P# process, and we will leverage these “lessons learned” on projects assigned as a part of this Contract.

ICE is currently participating in the design and construction management of over \$3B on Design-Build contracts alone. ICE ranks #45 nationwide in ENR for Construction Management and #70 nationwide for CM/PM-for-fee firms.



ICE, PLLC served as the **Lead Construction Management and CEI/OV Firm** for the **I – 85/ I – 385 Gateway Interchange**. This project won a **Best-in-Class Transportation Award from SASHTO**. **Andy Gillis, PE**, is assigned as the Design Build Liaison for this contract. Both he and our Principal, **Randy Carraway, PE** have extensive Design Build experience.



ICE was responsible for reporting directly to SCDOT’s Resident Engineer, ensuring an appropriate level of inspection for all phases and aspects of the project, and directing inspection staff responsible for inspection, sampling, and testing services; this included providing SCDOT with staff augmentation services of over 40 support personnel from the ICE team. **This project also won the APWA & SC APWA Public Works Project of the Year Award in the Transportation More than \$75 Million Category.**



ICE’s survey verification efforts saved several millions of dollars’ worth of rework due to errors, omission, and erroneous layout. These findings were mitigated during the life of the project.

ICE received NTP September 4, 2018 provide Construction Engineering & Inspection (CE&I) services for the **I-85 Widening (MM 98 to MM 106) Design-Build** project. This project consists of improving an approximately 8-mile long section of the I-85 corridor and is designed to increase capacity and upgrade interchanges and overpass bridges to meet state and federal design requirements. I-85 will be widened from four to six lanes beginning at MM 98 and ending at MM 106 in Cherokee County. Existing bridges at Exit 100 - Blacksburg Highway (S-83), Exit 102 - North Mountain Street (SC 5), Exit 104 - Tribal Road (S-99), and Exit 106 - East Cherokee Street (US 29) will be replaced to meet current state and federal design requirements.

ICE’s Construction Managers and inspection crews were responsible for observing, reviewing, sampling, testing, and recording the contractor’s daily activities for conformance with contract documents and project plans/specifications. Additionally, the ICE Team was responsible for erosion and traffic control services, verification surveys, utility and railroad coordination, public relations, aerial photography, and design/permitting reviews.



SECTION 19: WORKLOAD

19. WORKLOAD

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Infrastructure Consulting & Engineering, PLLC	Other (Aviation Program Services)	STATE CONTRACT NO.44-17531 TASK ORDER NO.H.014372	IDIQ For Statewide Aviation Program Update Task Order No.1 – Update LaDOTD DBE Program	\$46,690
Infrastructure Consulting & Engineering, PLLC	Other (Aviation Program Services)	STATE CONTRACT NO.44-17531 TASK ORDER NO.H.014380.5	IDIQ For Statewide Aviation Program Update Task Order No.3 – Statewide Aviation System Planning	\$1,306,103
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400019550 STATE PROJECT. NO. H.001234 F.A.P. NO. H001234	PORT ALLEN CANAL BRIDGE REPLACEMENT PHASE 1 HBI CE&I West Baton Rouge Parish	\$3,126,192
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400019680 STATE PROJECT. NO. H.013897 F.A.P. NO. H013897	COLLEGE DRIVE FLYOVER RAMP I-10/I-12 WEST East Baton Rouge Parish	\$638,977
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400016942 STATE PROJECT NO. H.004791 FAP NO. H004791	LA23: BELLE CHASSE BRIDGE & TUNNEL (HBI) Plaquemines Parish	\$624,125
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400020018 STATE PROJECT. NO. H.007160.6 F.A.P. NO. H007160	ENTITY CONTRACT EBR COMPUTERIZED TRAFFIC SIGNAL, PH VB (CE&I) East Baton Rouge Parish	\$306,977
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400009854 STATE PROJECT. NO. H.011276 (SEGMENT A) & H.011794 (SEGMENT B) F.A.P. NO. H011276 & H0011794	NEW ORLEANS AIRPORT CONNECTOR ROAD Jefferson Parish	\$0
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400014278 STATE PROJECT. NO. H.011731 F.A.P. NO. H011731	WEST ESPLANADE BRIDGES @ DUNCAN CANAL Jefferson Parish	\$0

19. WORKLOAD (CONT.)

Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400017088 STATE PROJECT. NO. H.007811, H.000710, H.002273, H.001352 F.A.P. NO. H007811, H000710, H002273, H001352	COMITE DIVERSION CANAL CE&I AND UTILITY RELOCATION East Baton Rouge Parish	\$1,193,918
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400022231 STATE PROJECT. NO. H.012834 F.A.P. NO. H012834	JOLIET TRAIL (BRUSLEY) (CE&I) West Baton Rouge Parish	\$84,753
Richard C. Lambert Consultants, LLC	CE&I/OV	CONTRACT NO. 4400024113 STATE PROJECT. NO. H.003047 F.A.P. NO. H003047	PECUE LANE/I-10 INTERCHANGE (CE&I) East Baton Rouge Parish	\$2,374,977
SAM Construction Services, LLC	N/A	N/A	N/A	N/A
Lazenby & Associates, INC.	Survey	4400012667 (L&A 18S008.00)	Retainer Contract for Professional Surveying Services – Statewide (Property Surveys and ROW Maps)	
Lazenby & Associates, INC.	Survey	H.012033.5 T.O. #14:	LA 143 & LA 594: Cross Bayou & Caney Creek Bridges, Ouachita Parish (30.00% Complete) Time Suspended	\$20,847
Lazenby & Associates, INC.	Survey	H.010616.5 T.O. #16	I-20: LA 544 Overpass Replacement, Lincoln Parish (60.00% Complete) Time Suspended	\$11,913
Lazenby & Associates, INC.	Survey	H.008230.5 T.O. # 21	LA 3102 @ Larto Lake & LA 124 (Seg 2 & 3), Catahoula Parish (40.00% Complete) Time Suspended	\$49,879

19. WORKLOAD (CONT.)

Lazenby & Associates, INC.	Survey	H.012032.5 T.O. #22:	: LA 2: Bridges Near Mer Rouge, Morehouse & West Carroll Parishes (60.00% Complete) Time Suspended	\$15,119
Lazenby & Associates, INC.	Survey	4400012668 (L&A 18S040.00)	IDIQ Contract for Hydrographic Surveying Services – Statewide (Districts 04, 05, 08 & 58)	
Lazenby & Associates, INC.	Survey	H.008768.5 T.O. #15	H.008768.5 T.O. #15 Hydrographic Survey Monitoring of Existing Bridge (25% Complete)	\$65,371
La Terre Engineering, LLC	Planning	4400025921	IDIQ Contract for Transportation Systems Management and Operations (TSMO) Program, Statewide	N/A
La Terre Engineering, LLC	Data Collection	4400025921	IDIQ Contract for Transportation Systems Management and Operations (TSMO) Program, Statewide	N/A
Urban Systems, Inc.	Traffic	No. 440005142 H.011309.5	Mac Arthur Final Design	\$30.7K
Urban Systems, Inc.	Traffic	No. PSLC-STJ-Supp-2 H.004891	Reserve to I-10 Connector	\$2.7K

SECTION 20: CERTIFICATIONS / LICENSES

20. CERTIFICATIONS

Firm License: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**



Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**

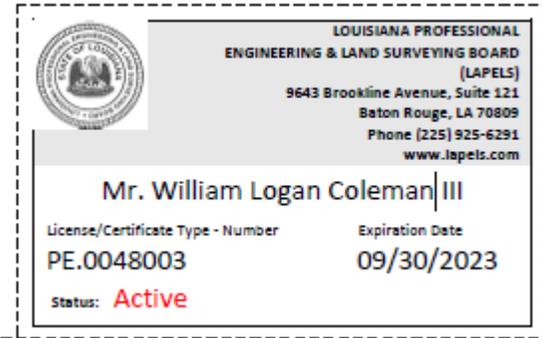
Personnel: **JOSEPH "RANDY" CARRAWAY**



Prime consultant name: **Infrastructure Consulting & Engineering, PLLC**

Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**

Personnel: **Billy Coleman , PE and Ahmad Akl, PE**

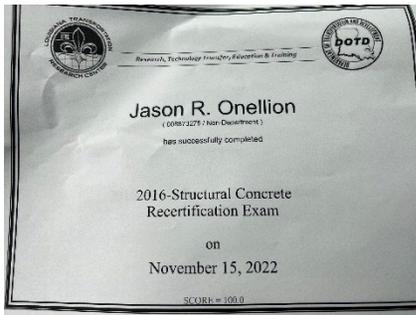


Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**

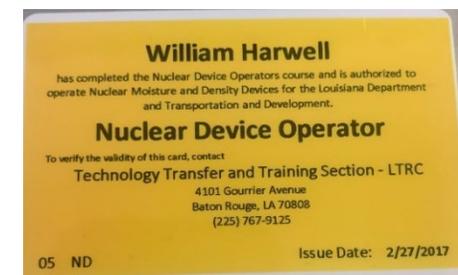
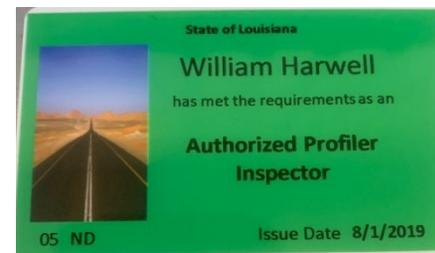
Personnel: **BOBBY MULLINS**



Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **JASON ONELLION**

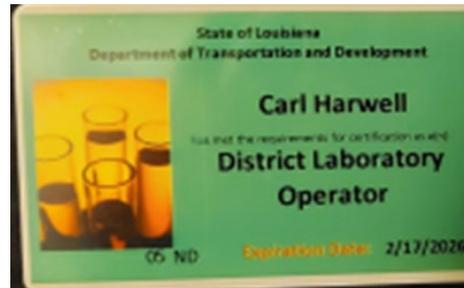


Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **WILL HARWELL**

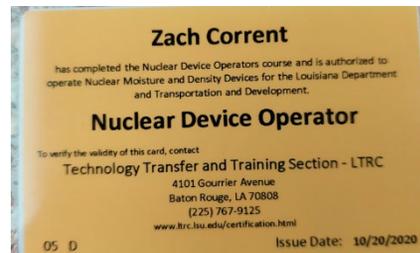
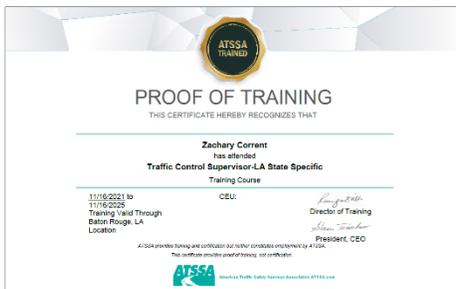




Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **CARL HARWELL**

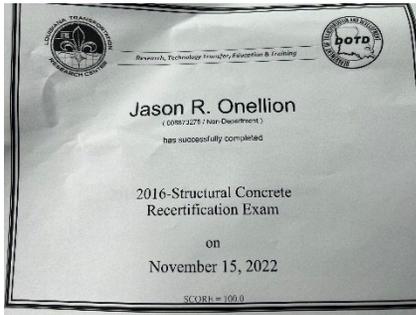
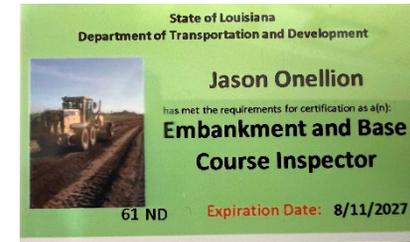
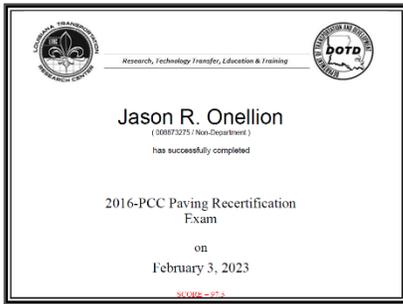


Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **ZACH CORRENT**



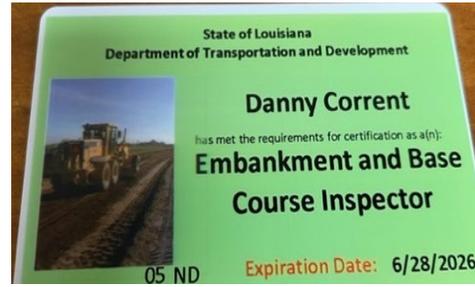
20. CERTIFICATIONS

Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **JASON ONELLION**



Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**
 Personnel: **DANNY CORRENT**





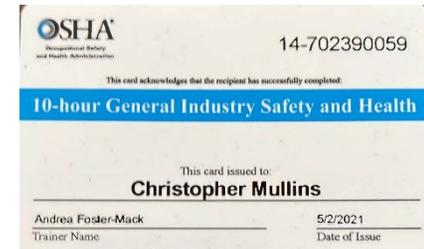
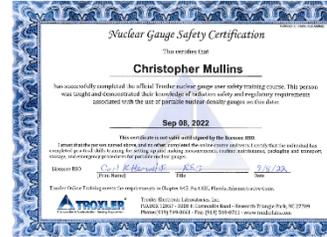
Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**

Personnel: **DANNY CORRENT**



Firm: **INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC**

Personnel: **LEE MULLINS**



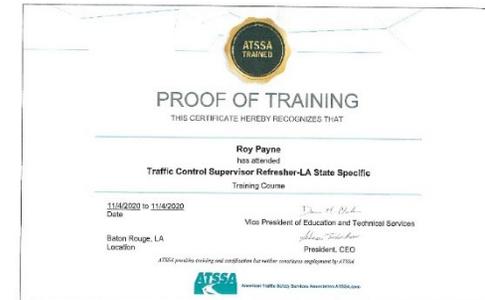
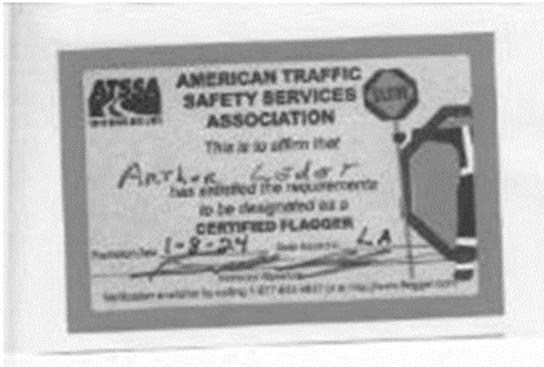
20. CERTIFICATIONS (CONT.)

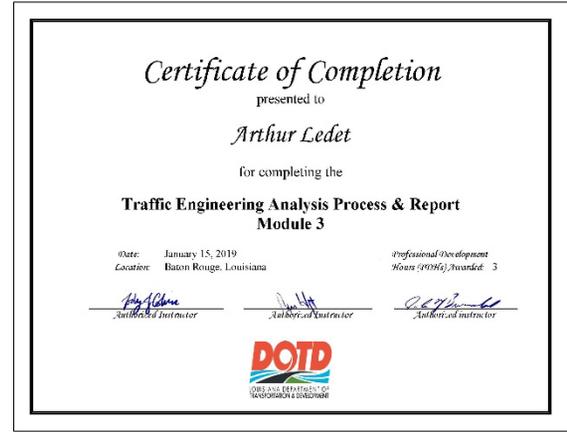
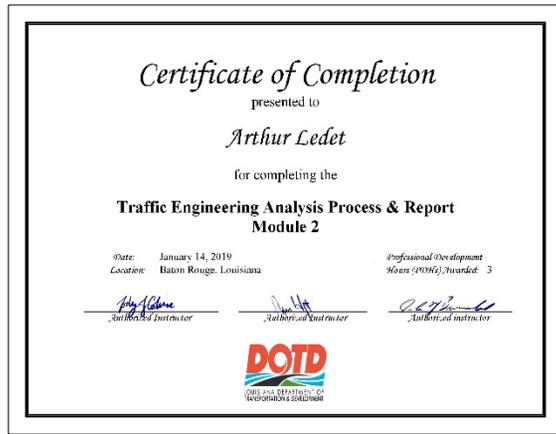
Firm: **RCL CONSULTANTS, LLC**

Personnel: **FRANZ ZEMMER, PE**



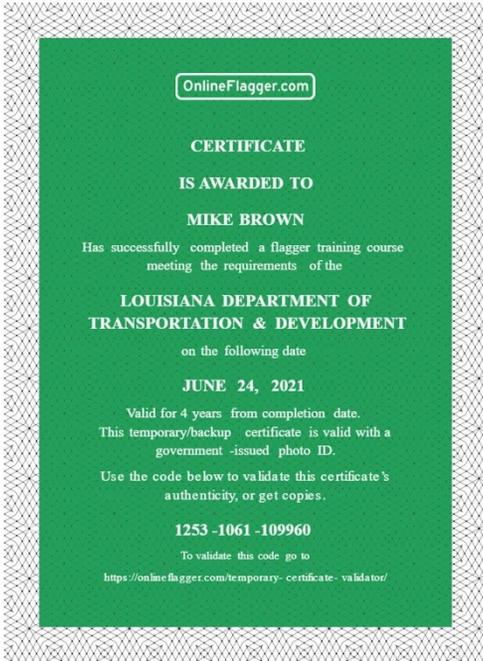
Personnel: **ROY PAYNE, PE, LLOYD LUTON, PE and ARTHUR LEDET, PE**





Personnel : **MIKE BROWN**





Personnel: SHAWN BOSARGE



Personnel: **FELIX LECHUGA**



SECTION 21: QA/QC PLAN

21. QA/QC PLAN

SECTION 22: SUB-CONSULTANT INFORMATION

22. SUB-CONSULTANT INFORMATION

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
RCL Consultants, LLC	900 W Causeway Approach, Mandeville, LA 70471	Richard C. Lambert, PE, AIA rclambert@rclconsultants.com	(985) 727-4440
SAM Construction Services, LLC	4801 Southwest Pkwy Building 2 Suite 100, Austin, TX 78735	David DeBerardino, PE david.deberardino@sam.biz	(972) 482-9040
Lazenby & Associates, Inc.	2000 N 7th St # Upstai, West Monroe, LA 71291	James Ellingburg, PE jellingburg@lazenbyengr.com	(318) 387-2710
LaTerre Engineering, Inc.	343 N Third St, Baton Rouge, LA, 70801.	Seneca Toussant, PE stoussant@laterre-eng.com	(225) 960-1160.
Urban Systems, Inc.	2000 Tulane Avenue, Suite 200 New Orleans, LA 70112	Alison C. Michel, PE acmichel@urbansystems.com	(504) 523-5511

SECTION 23: LOCATION

23. LOCATION

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.