

# ENTITY CONTRACT FOR ROUNDABOUT AT CHURCHPOINT RD AND RODDY RD LOCAL ROAD SAFETY PROGRAM



## COVER LETTER

October 26, 2022

Department of Transportation and Development  
Consultant Contract Services Administrator  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802-4438

RE: CONTRACT NO. 4400025412  
ENTITY CONTRACT FOR ROUNDABOUT AT CHURCHPOINT RD AND RODDY RD LOCAL ROAD  
SAFETY PROGRAM  
STATE PROJECT NO. H.006459.6 (CE&I)  
F.A.P. NO. H006459  
ASCENSION PARISH

Dear Consultant Selection Committee,

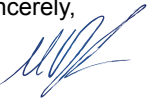
Royal Engineers and Consultants, L.L.C. (Royal) respectfully requests your review and consideration of the enclosed proposal prepared in response to the Department's advertisement for Engineering and Related Services for Roundabout @ Churchpoint Rd and Roddy Rd Local Road Safety Program. Since 2005, Royal has delivered multi-discipline professional engineering, construction and program management, and resident inspection services for industry, government, and the private sector across the Gulf Coast and is fully licensed, bonded, and insured to do so. Additionally, Royal has provided construction engineering and inspection for complex roadway programs across Louisiana, totaling more than \$500 million.

With offices in Baton Rouge, New Orleans, and Lafayette, staffed with specialists in roadway design and construction, the Royal Team is positioned to mobilize immediately and perform the requested services within the parameters established. We have strategically partnered with GEC, Inc. and The Beta Group for this proposal. Several members in each firm included in this proposal have a successful history of working together to deliver roadway projects. Through our carefully selected team of professionals, we are committed to providing the Department and Ascension Parish the full suite of construction engineering and inspection services required and confident we will surpass expectations.

Royal's proposed team meets or exceeds the specified minimum requirements and is organized to meet the needed services described in Attachment A of the advertisement. The Royal Team's statement of qualifications contained herein is submitted in direct response to the referenced advertisement. It highlights our relevant experience and expertise and articulates our unique capabilities to perform needed services in a timely and professional manner within budget.

We appreciate the opportunity to respond and look forward to working with the Department and Ascension Parish. Please direct communication related to the advertisement to our Primary Point of Contact, Michael Pugh, by phone at (504) 283-9400 or via email at mpugh@royalengineering.net.

Sincerely,



Michael Pugh, P.E.  
President  
ROYAL ENGINEERS AND CONSULTANTS, LLC



**STANDARD FORM: 24-102**

# DOTD FORM: 24-102


(Revised March 1, 2022)

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	ENTITY CONTRACT FOR ROUNDABOUT AT CHURCHPOINT RD AND RODDY RD LOCAL ROAD SAFETY PROGRAM
2. Contract number(s) as shown in the advertisement	4400025412
3. State Project Number(s), if shown in the advertisement	H.006459.6 (CE&I)
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Royal Engineers and Consultants, LLC 
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.0003328
6. Prime consultant mailing address	14635 S. Harrell's Ferry Road, Suite 4B Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	14635 S. Harrell's Ferry Road, Suite 4B Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net

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. LaDOTD 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: \_\_\_\_\_

Date: October 26, 2022

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):

The Beta Group

Firm(s)' %:

10%

12. Past Performance Evaluation Discipline Table:

Evaluation Discipline(s)	% of Overall Contract	Royal (Prime)	G.E.C., Inc.	The Beta Group	Each Discipline Must Total to 100%
CE&I	100%	80%	10%	10%	100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	80%	10%	10%	100%



13. Firm Size:

Firm Name	LaDOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this LaDOTD Job Classification (if needed)
Royal Engineers and Consultants, LLC	Accountant	1	0
	Administrative	1	5
	CADD Operator	1	2
	Clerical	0	3
	Engineer	2	7
	Engineer Intern	0	3
	Inspector	2	6
	Inspector - Certified	1	0
	Project Office Manager	1	10
	Principal	1	3
	Supervisor - Other	1	1
GEC, Inc.	Engineer	1	3
	Inspector – Lead	1	8
	Inspector – Certified	1	5
The Beta Group	Inspector – Certified	2	0
	Inspector	2	6

## 14. Organizational Chart:

### LEGEND

+As Needed Personnel

\*Certified Flagger

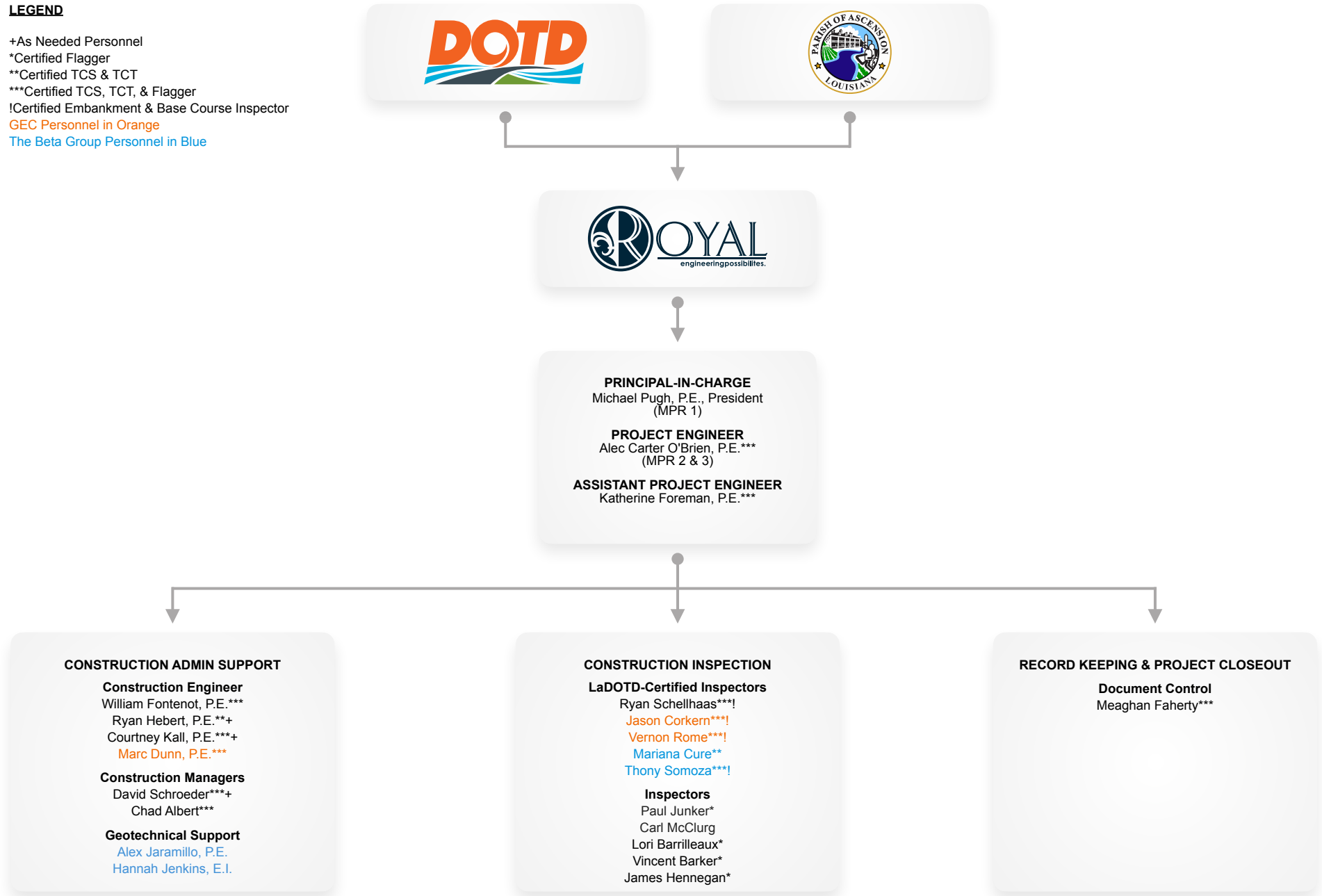
\*\*Certified TCS & TCT

\*\*\*Certified TCS, TCT, & Flagger

!Certified Embankment & Base Course Inspector

GEC Personnel in Orange

The Beta Group Personnel in Blue






15. Minimum Personnel Requirements:

<b>MPR No.</b> Do not insert wording from ad	<b>Personnel being used to meet the MPR</b> (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	<b>Firm employed by</b>	<b>Type of license/ certification &amp; number</b>	<b>State of license</b>	<b>License/certification expiration date</b>
1	Michael Pugh, P.E.	Royal	Professional Engineer / 30911	LA	3-31-2024
2	Alec Carter O'Brien, P.E.	Royal	Professional Engineer / 43647	LA	3-31-2024
3	Alec Carter O'Brien, P.E.	Royal	Professional Engineer / 43647	LA	3-31-2024


## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Michael Pugh, P.E.	Years of relevant experience with this employer	17	
Title	President	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering	
Active registration number / state / expiration date			30911 / LA / 3-21-2024	
Year registered	2003	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Principal-in-Charge / MPR 1	
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).			
25+ years of experience	Mr. Pugh has over 25 years of experience in design and construction management of roadway and drainage systems. He managed the St. Bernard Parish Roadway Restoration Program which has included the design, bidding, and construction management of 178 roadways with a construction value of nearly \$60M. He is a Registered Professional Engineer in 8 states, including Louisiana.			Included CE&I Scope
11/19 - Ongoing	<b>FEMA Roadway Restoration Program: New Orleans, LA</b> Principal Engineer on the Royal team contracted by the Department of Public Works (DPW) to provide construction management and resident inspection services for the FEMA Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, resident inspection, and closeout services.			CE&I
09/19 - 03/20	<b>MaxPave Roadway Program: New Orleans, LA</b> Principal Engineer responsible for interagency coordination, project management, contract administration, construction management, assessment, and resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative. The project involves 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Completed on-time and on-budget, Mr. Pugh's primary duties included client service management and civil engineering and utility impacts subject matter expertise.			CE&I
12/10 - 01/17	<b>RTA Street Car Expansion Program - Construction Management Plus</b> Principal-in-Charge for this streetcar expansion program, where Royal provided construction management and inspection services, document administration, and change order management. Services also included estimating and review of potential change orders and monitoring differing site conditions encountered during the course of construction. The project consists of 14,400 track feet of continuously welded rail, installation of the half grand union at Canal and N. Rampart, an embedded double cross over at Frenchman & Elysian Fields, refurbishment of over 40 historic light poles to include LED bulbs, overhead catenary system installation, installation of traction powered substation, utility relocation and upgrades, and road milling and repaving. Mr. Pugh's team observed demolition, excavation, utility re-location, concrete, asphalt, earthwork, and track-work to ensure compliance with drawings and specifications.			CE&I

16. Staff Experience:

11/10 - 08/11	<b>Bloski Avenue Extension: Belle Chasse, LA</b> Principal Engineer for this road construction project. Royal worked directly for the Naval Facilities Engineering Command Southeast as the prime contractor. This project consisted of the construction of a 1,300 foot asphalt roadway and included the construction of stormwater drainage, sidewalks, concrete driveways, and solar street lighting. Through value engineering efforts, Mr. Pugh reduced NAVFAC's cost by \$800K and reduced the project schedule by 50 days. Royal was also responsible for the development and maintenance of the Stormwater Pollution Prevention Plan (SWPPP), Environmental Protection Plan (EPP), Health & Safety Plan (HASP), and Accident Prevention Plan (APP).	CE&I
03/07 - 10/09	<b>Roadway Restoration Project: St. Bernard Parish, LA</b> Lead Design Engineer and Project Principal responsible for engineering, design, and construction management services for the restoration of all concrete and asphalt roadways, including associated infrastructure, including sidewalks, driveways, drainage, sewer, and water systems, that suffered damage during Hurricane Katrina and the recovery process. Mr. Pugh was the engineer in responsible charge for all design and served as the primary technical resource for contractor questions and challenges encountered during construction.	CE&I


## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Carter O'Brien, P.E.	Years of relevant experience with this employer	3	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering	
Active registration number / state / expiration date			43647 / LA / 3-31-2024	
Year registered	2019	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Project Engineer / MPR 2 and MPR 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 time specified in the applicable MPR(s).			
11 years of experience	Mr. O'Brien is an Engineer with over 10 years of heavy civil, roadway, drainage, and bridge construction experience. Mr. O'Brien has managed field operations, inspectors, project documentation and closeout on numerous projects. He has completed road restoration and reconstruction projects for LaDOTD, FEMA, and various other local agencies. He has extensively worked in asphalt paving, PCCP, catch basins, and drainage projects.  <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			Included CE&I Scope
10/20 - Ongoing	<b>RR004 / Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA</b>  Project Engineer responsible for providing Construction Administration, Construction management as well as resident inspection services for the City of New Orleans Department of Public Works. Mr. O'Brien provided field management of the contractor and all construction activities, included but was not limited to conducting progress meetings, dealing with resident complaints, review and recommendation for approval of monthly pay estimates, assisting in field adjustments and using knowledge and experience in civil construction to ensure project remained on schedule and budget.			CE&I
04/18 - 02/20	<b>St. Gabriel Roadway Repair - Phase 5: St. Gabriel, LA</b>  Construction Manager on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full re-construction of one roadway. This project's scope consisted of cold planing of existing asphalt, Lime and Soil cement treatments, asphalt binder and wearing overlay. Mr. O'Brien performed construction management responsibilities during the Construction phase, assisted in design alterations during construction, and produced as-built drawings for post-construction closeout.			CE&I
04/18 - 02/19	<b>H.010352 / LA 442: Tangipahoa River Bridge Replacement: Tickfaw, LA</b>  Construction Engineer responsible for reviewing the contractor's Critical Path Method schedule. This includes approval of the CPM baseline schedule ensuring that it meets the project time requirements, project specifications, the contract value matches that in the schedule, that all resources and items in the contract are adequately reflected in the contractor's CPM schedule. The project also included review and approval of each monthly update of the schedule and providing the owner (LaDOTD) with adequate and informed information in case of litigation, disputes or requested change orders.			Construction Engineering

## 16. Staff Experience:

06/17 - 08/19	<p><b>Sales Tax Street and Road Rehabilitation Program: East Baton Rouge Parish, LA</b></p> <p>Mr. O'Brien assisted the Project Engineer for this project which began in 1990. Mr. O'Brien provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past 5 years. Royal has been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. O'Brien has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 / <b>H.010648</b> Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace &amp; Shadows of White Oak, 15-05 Brookstown, 15-06 / <b>H.010650</b> OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale &amp; Lobdell, 15-09 Pearirs Road &amp; Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 / <b>H.011364</b> Goodwood Blvd., 16-02 / <b>H.011363</b> Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 / <b>H.011842</b> Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)</p>	CE&I
01/19 - 08/19	<p><b>I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route</b></p> <p>As EIT for this 3.436 mile, \$52 million project to widen the westbound lanes of I-10 includes total reconstruction of the existing lanes both east and westbound, and widening of four structures in St. Martin, Parish, Mr. O'Brien was responsible for Critical Path Method schedule review.</p>	CE&I
04/18 - 08/18	<p><b>H.009597 / I-10 / W Pearl River: Baton Rouge, LA</b></p> <p>As Construction Engineer, assisted the project manager with review of the projects critical path method (CPM) schedule. Mr. O'Brien was responsible for reviewing the submitted baseline and updates to ensure the contractor's means and methods were reasonable, the contract specifications for allowed time per line item were reflected in the schedule, and the contract amount was reflected in the schedule.</p>	Construction Engineering
07/16 - 07/18	<p><b>H.011503 / I-10 Twin Spans ITS: Orleans and St. Tammany Parish, LA</b></p> <p>As Construction Engineer responsibilities included responding to RFIs throughout construction, providing LaDOTD with suggested solutions to RFIs, generating LaDOTD SiteManager monthly estimates, reviewing SiteManager diaries, and reviewing project change orders and submitting them to LaDOTD for approval. Upon completion of construction, Mr. O'Brien compiled all project documentation including all submittals, as-builts, survey site layout, correspondence, 2059, and all LaDOTD required project documentation and submitted to the state.</p>	CE&I
12/15 - 06/16	<p><b>H.001491.6 / LA 20 (North Canal Blvd.) Widening: Lafourche Parish, LA</b></p> <p>As Senior Field Engineer, duties included QA/QC testing management, submitted change orders, project submittal management, RFI submittals, schedule management, survey site layout, project coordination, and maintained project as-builts.</p>	CE&I
08/14 - 08/16	<p><b>H.003432 / US-51 Business Roundabouts: Hammond, LA</b></p> <p>Senior Field Engineer responsible for problem identification and resolution in the field. This included preparing, designing, submitting and revising concrete and asphalt mix designs in accordance with the project plans and specifications. Mr. O'Brien updated critical path method (CPM) schedule each month, prepared as-built plans during the course of construction to reflect in field changes, and performed traffic control design during construction. He submitted numerous traffic control plans during construction phase changes and ensured the TC plans was in accordance with the MUTCD. Various drainage structures had to be altered to accommodate in field conflicts, for which Mr. O'Brien calculated slope, made drainage structure drawing adjustments and ensured all changed structures met the project specifications. In addition, he was responsible for OSHA-compliant safety measures being exercised in the field; surveying; and change order management and quality control on all project materials including asphalt density testing, base density testing, concrete cylinders, soil cement densities and striping reflectivity testing.</p>	

## 16. Staff Experience:


Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Katherine Foreman, P.E.	Years of relevant experience with this employer	7	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2017 / Civil Engineering	
Active registration number / state / expiration date			46031 / LA / 3-31-2024	
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Assistant Project Engineer	
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).			
7 years of experience	Ms. Foreman has seven years of experience in civil and coastal engineering and construction. Ms. Foreman’s background and studies includes geotechnical engineering, hydraulics and hydrology, environmental engineering, and transportation engineering. As a member of the Royal Team, Ms. Foreman serves on Royal’s project technical and design teams and has been responsible for permitting activities, agency and client coordination, engineering design, project development, and compilation of project plans and specifications. Her GIS/CADD expertise includes the use of various software packages for the development of graphical representations of data collected including QGIS Desktop and AutoCAD Civil3D.  <b>Certifications:</b> Traffic Control Technician and Traffic Control Supervisor			Included CE&I Scope
08/20 - Ongoing	<b>Indian Creek Low Water Crossing: Fort Polk, LA</b>  Project Manager for the Design-Build team providing engineering services to design a new roadway low water crossing structure and to design repairs to the existing Sagebrush Road. Responsibilities include serving as the primary point of contact between Royal and DCMS, Inc., coordinating closely with the construction Contractor for the project throughout design of the project, designing the horizontal geometry of proposed new road, and supporting the design team with various design tasks such as Hydraulic Modeling, culvert sizing, and development of plans and specifications.			CE&I
04/18 - 10/20	<b>CNO Street Repair – Leontine, Valmont, Camp, and Chestnut: New Orleans, LA</b>  Engineer Intern and Project Manager on team providing engineering, design, and construction administration services for the City of New Orleans for roadway enhancement and full reconstruction of streets and utilities in a portion of the Uptown neighborhood. Royal provided main line drainage design, water line replacement design, and sewer line replacement design for portions of Camp Street, Leontine St., Valmont St., Coliseum St., and Chestnut St. in accordance with New Orleans Department of Public Works and New Orleans Sewerage and Water Board requirements. Ms. Foreman was responsible for performing drainage analyses to layout and size the proposed curb and gutter drainage system and coordinating preparation of AutoCAD drawings for Preliminary and Final Plans.			CE&I
11/16 - 02/18	<b>City of Youngsville New Road: Youngsville, LA</b>  Engineer Intern on team that provided engineering design and construction management for Mayor Lucas Denais Drive in Youngsville, LA. The project involved design of a new approximately 1,000 linear ft. asphalt roadway with turning lanes and stop-controlled intersections and open-ditch drainage. Ms. Foreman was responsible for the design of the roadway striping plan, performing a drainage analysis for use in design of the open ditch drainage system, and engineering support and inspection during construction.			CE&I

16. Staff Experience:

08/15 - 11/21	<p><b>Polly Lane Extension: Lafayette, LA</b></p> <p>Engineer Intern and Project Manager responsible for performing engineering design services and construction management for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section at Verot School Road. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway, a 32 ft diameter reinforced Class A concrete roundabout, curb and gutter and subsurface drainage, a concrete box culvert over Issac Verot Coulee Lateral 7, sidewalks, and lighting. As Engineer Intern, Ms. Foreman was responsible for performing engineering analyses for design of the storm drainage system, preparation of and revisions to construction documents, performing routine site visits, providing construction management/administration, and engineering support during construction, and overseeing resident inspection services throughout construction. As Project Manager, Ms. Foreman was responsible for invoicing, deliverables, scheduling, resourcing, and client coordination.</p>	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	William Fontenot, Jr., P.E.	Years of relevant experience with this employer	1	
Title	Structural Engineer	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			BS / 2012 / Civil Engineering	
Active registration number / state / expiration date			41036 / LA / 3-31-2024	
Year registered	2016	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
9+ years of experience	Mr. Fontenot has more than nine years of experience in civil and structural engineering, construction consulting, and structural inspection and repair. He has performed on-site inspection of structural deficiencies of statewide projects and engineered safe, economic approaches to specific construction problems related to various heavy construction projects. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			Included CE&I Scope
06/12 - 07/16	<b>H.002550 MacArthur Drive Interchange Completion: Jefferson Parish, LA</b> As an Engineer Intern, Mr. Fontenot assisted with plan and elevation revision, performed quality checks of plans from other firms, designed curtain wall details, and designed overhead sign support addition. Tasks performed included: modification of existing geometric design of baseline for on/off ramps; detailed sections of roadway for graphical grade plans; used current design standards to detail and design curtain wall details for final plans; detailed and designed overhead sign support addition and layout for various locations throughout final design; proposed options for frontage road modifications and layout of roadway beneath bridge structure. Codes used included: AASHTO Roadside Design Guide, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, LADTOD Bridge Design Manual.			
06/12 - 07/16	<b>In-Depth Bridge Inspection of Complex Structures: St. Landry Parish, LA</b> As an Engineering Intern, Mr. Fontenot performed in-depth inspection of the deck, superstructure and substructure of the approach spans on the Krotz Springs Bridge over the Atchafalaya River. In this role, Mr. Fontenot also coordinated meetings between the inspectors; coordinated equipment rentals and staffed personnel; performed bridge inspections; and provided assessment report of bridges including potential repair plans. Codes used included: PONTIS Inspection Manual.			CE&I
06/12 - 07/16	<b>H.003182 Inner Harbor Canal Bridge Rehabilitation: Algiers, LA</b> As an Engineering Intern, Mr. Fontenot designed traffic control and signage including detour plans and assisted in quantity checks and details for Final Plans Tasks performed included: used as-built plans and CAD software to layout and design traffic control options and detour paths for temporary lane closure during construction efforts; applied LaDOTD Standards for Traffic Management and Signage; and refined and checked rehabilitation details and plans for final submittal. Codes used included: MUTCD, LaDOTD Traffic Control Standard Plans, AISC Steel Construction Manual, and ACI 318-11 Building Code Requirements for Structural Concrete.			

16. Staff Experience:

06/12 - 07/16	<p><b>I-10 Lake Pontchartrain Bridge Deck Patching &amp; Girder Painting: New Orleans, LA</b></p> <p>As an Engineering Intern, Mr. Fontenot performed field inspection of all bridges. Created Assessment Report. Designed traffic control and detour plans. Wrote TMP for final submittal. Prepared plans and details for repairs. Tasks performed included: planned for inspection and quantification of bridge deficiencies by preparing traffic control plans and reviewing previous inspection reports; used CAD software to develop detour plans and a TMP for the state's review; performed field inspection; compiled data from the field inspection to create an assessment report; and used as-built plans and current state standards to prepare and detail suggested repairs. Codes used included: MUTCD, LaDOTD Traffic Control Standard Plans, AISC Steel Construction Manual, ACI 318-11 Building Code Requirements for Structural Concrete, AASHTO LRFD Bridge Design Specifications, and LaDOTD Bridge Design Manual.</p>	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Ryan Hebert, P.E.	Years of relevant experience with this employer	4	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2017 / Environmental Engineering	
Active registration number / state / expiration date			46577 / LA / 9/30/2024	
Year registered	2018	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
4 years of experience	Mr. Hebert is a professional engineer degreed in Environmental Engineering with experience in construction operations for street, sewer, and water systems repair. Specific project experience includes catch basin cleaning, asphalt and pavement patching, ADA project elements, and water and sewer line repairs. For Royal Projects, Mr. Hebert provides inspection services as well as project and construction management support. This includes assisting with project scheduling and coordination, quality control, and ensuring retention of administrative records. <b>Certifications:</b> Traffic Control Technician and Traffic Control Supervisor			Included CE&I Scope
11/19 - Ongoing	<b>FEMA Roadway Restoration Program: New Orleans, LA</b> Assistant Project Manager responsible for construction administration and management services for pavement restoration efforts undertaken by the City of New Orleans Department of Public Works (DPW) as part of the CNO Capital Improvement Program. DPW currently has (2) construction contractors (GC's) under contract to perform routine maintenance under a requirements-based contract. These contractors are dispatched on a work order-based system to repair and restore pavement and associated infrastructure. These projects include pavement restoration, utility repair, and replacement (drainage only), sidewalks, ADA-Compliant Ramps, as well as replacement and repair to associated infrastructure.			CE&I
02/18 - Ongoing	<b>City-Wide Construction Administration and Resident Inspection Services: New Orleans, LA</b> Associate Inspector for the Royal team contracted by the City of New Orleans Department of Public Works to provide construction management and resident inspection services for roadway restorations of water and sewer service cuts throughout the City. The program consisted of assessing over 30,000, cleaning over 15,000 and repairing over 3,000 catch basins. Also, under the City's contract, Mr. Hebert served as associate inspector for eight full roadway rehabilitations including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation. He regularly assists in project scheduling and coordination and is responsible for maintaining quality control and completion of administrative records.			CE&I
10/18 - 11/19	<b>Interim Paving Program: New Orleans, LA</b> Assistant Project Manager and Lead Inspector for team providing part time inspection for temporary roadway restorations of water and sewer cuts throughout the city. The program consisted of identifying over 1,000 service cuts and nearly 800 completed repairs in a matter of 6 months. Mr. Hebert is serving as lead inspector and assistant Project Manager and is responsible for maintaining quality assurance and control of all field information captured by inspectors and oversees work order development.			CE&I

16. Staff Experience:

03/17 - 08/18	<b>Pavement Restoration: New Orleans, LA</b> Mr. Hebert was an associate Inspector and assistant project manager of the pavement restoration project for the City of New Orleans. The design consisted of roadway repairs including removal of asphalt surface, pavement patching, and the installation of pedestrian ramps compliant with the Americans with Disabilities Act at all intersections. Mr. Hebert was responsible for quality assurance and control of all information captured in the field and work order development.	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Courtney Kall, P.E.	Years of relevant experience with this employer	2	
Title	Professional Engineer	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization			BS / 2007 / Civil Engineering	
Active registration number / state / expiration date			37306 / LA / 3-31-2023	
Year registered	2012	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
15 years of experience	Ms. Kall is a knowledgeable and motivated licensed civil engineer skilled in the execution and management of all phases of project operations from design through construction. Using her exceptional organizational skills, strong communication skills, and ability to problem solve as conflicts arise, she has a track record of completing projects on schedule and within budget. Ms. Kall's career has focused primarily on serving municipal clients.  <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			Included CE&I Scope
04/21 - Ongoing	<b>FEMA Roadway Restoration Program: New Orleans, LA</b>  Project Manager on the Royal team contracted by the City of New Orleans to provide construction management services during construction. Ms. Kall is responsible for overseeing contractors during construction; ensuring the project specifications and plans are being followed. Ms. Kall performs quality control on the contractor's monthly invoices, management of Quality Control personnel, and project funding quality control.			CE&I
10/11 - 04/21	<b>Hurricane Katrina Recovery Program - Infrastructure / Pavement Rehabilitation</b>  As Project Manager, Ms. Kall's role involved managing all aspects of various projects from inception through construction and closeout as Owner's representative. Her duties included developing project scopes via damage assessments; acquiring funding approval; developing and implementing hazard mitigation proposals; facilitating proper procurement for design and construction services; managing construction operations and inspection services; providing technical assistance to design teams; reviewing and analyzing project costs for reasonableness and compliance with State reimbursement guidelines; and maintaining overall project schedules and State work deadlines. Projects included water and wastewater treatment plants and systems; infrastructure rehabilitation projects; and other various public works facilities totaling over \$200M.  <b>Notable roadway projects</b> involving rehabilitation and full-depth replacement of asphaltic concrete pavement, PCC roadway pavement, PCCP sidewalks and driveways, curb and gutter, and subsurface drainage included: SBPG RD 2010-110, construction cost \$12M (12/11-04/14); SBPG RD 2012-102, construction cost \$9.6M (04/14-10/17); and SBPG RD 2012-103, construction cost \$3.2M (06/14-06/16).  During construction, Ms. Kall's duties included facilitating the resolution of daily field issues and conflicts and coordinating with design engineer, contractor, and inspector; ensuring construction budgets and schedules were maintained and followed; field-verifying monthly quantities for invoice reviews and approvals; and implementing change orders, including securing the funding, for additional eligible work identified in the field.			CE&I

16. Staff Experience:

01/08 - 10/11	<b>Hurricane Katrina Recovery Program: Plaquemines Parish, LA</b> Ms. Kall served as Project Manager providing administrative and program management services for FEMA-funded projects in Plaquemines Parish. Projects included the restoration and/or replacement of fire stations, public auditoriums, recreational facilities, marinas, sewer lift stations, Parish-wide sewer lines, and water and wastewater treatment plants totaling approximately \$50 million.	CE&I
01/08 - 10/11	<b>Staff Engineer for Various Projects: New Orleans, LA</b> Ms. Kall served as Staff Engineer, Project Design Team for several local project, including the South Claiborne Avenue Streetscape Project, City of New Orleans Street enhancement program on Claiborne Avenue between Martin Luther King, Jr. Blvd. and Napoleon Ave., a vital commercial corridor.	

## 16. Staff Experience:


Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	David Schroeder	Years of relevant experience with this employer	2	
Title	Director of Construction Operations	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization			1995 / Utility Engineering Construction Operations	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Manager	
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).			
30+ years of experience	<p>Mr. Schroeder has significant experience delivering major construction and infrastructure projects. He is a seasoned project and construction manager who has successfully completed various road and bridge construction projects in Southeast Louisiana. Mr. Schroeder provides QA/QC leadership for Royal projects and programs, supports project design teams with utility design and coordination, and ensures compliance with plans and specifications during construction. Projects have included federal, state, and local roadways, management of street light operations, underground utility studies, and associated permitting activities, including oversight of the USACE certification process.</p> <p><b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>			Included CE&I Scope
11/19 - Ongoing	<p><b>FEMA Roadway Restoration Program: New Orleans, LA</b></p> <p>Senior Construction Manager on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management and QC Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and back-office support personnel including qualified Construction Managers and QC personnel.</p>			CE&I
03/07 - 10/09	<p><b>Roadway Restoration Project: St. Bernard Parish, LA</b></p> <p>QA/QC Manager on team contracted by St. Bernard (SBP) to perform civil engineering, QC, inventory, and construction management services. Specifically, Royal produced comprehensive cost estimates and CPM schedules to execute its engineering design services as well as construction management services for multiple construction contracts. These projects include the restoration of all concrete and asphalt roadways, including associated infrastructure that suffered damage in St. Bernard Parish during Hurricane Katrina and the recovery process. Mr. Schroeder led the team to perform an inventory of damaged roadways and associated infrastructure.</p>			CE&I
11/11 - Present	<p><b>St. Bernard Parish Bridge Design / Canal Crossings: St. Bernard Parish, LA</b></p> <p>Construction Manager for the Royal team contracted by St. Bernard Parish Government to provide Engineering Services for repairs, restorations and replacement of Parish owned roadway and canal crossings to their Pre-Katrina condition while preserving the historical value/intent of each facility. Mr. Schroeder oversees engineering and construction management responsibilities during the Construction phase, which consists of all planning and coordination with the contractor, starting with a Preconstruction meeting and progress meetings with all project associated personnel, through project close-out and all construction activities.</p>			CE&I



16. Staff Experience:

11/10 - 08/11	<b>Bloski Avenue Extension: Belle Chasse, LA</b> QA/QC Manager on team contracted by The United States Navy Naval Facilities Engineering Command Southeast (NAVFAC) to construct a new asphalt roadway to serve personnel aboard the Naval facility. Bloski Avenue Extension brings the current existing roadway 1300 feet across an area which was the former base golf course. Mr. Schroeder was responsible to provide on-site quality assurance support and inventory maintenance. He additionally provided supplemental inspection services	CE&I
03/02 - 10/02	<b>N. Causeway Boulevard Roadway Improvements: New Orleans, LA</b> Resident Inspector for the N. Causeway Boulevard Improvements Project from Veterans Boulevard to the Toll Plaza at Lake Pontchartrain, approximately 5,676 linear feet of roadway. The project consisted of the adding of two new lanes to the existing roadway, the milling and overlay of three existing asphalt lanes plus turning lanes, and associated traffic control, street lighting, traffic signalization equipment, drainage, and site restoration. Mr. Schroeder was responsible for construction management, scheduling, and reporting.	CE&I


## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Chad Albert	Years of relevant experience with this employer	<1	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	15	
Degree(s) / Years / Specialization			BS / 2007 / Construction Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Manager	
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).			
15+ years of experience	<p>Mr. Albert has more than 15 years of experience in construction, operations, and project management. He has significant experience in field and office operations for projects across the state. Mr. Albert has completed projects for LaDOTD, FEMA, and various other local government agencies. He is responsible for field reports, quantities books, daily reports, quantities, and change orders.</p> <p><b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>			Included CE&I Scope
08/21 - Ongoing	<p><b>FEMA Roadway Restoration Program: New Orleans, LA</b></p> <p>Project Manager on the Royal team contracted by the City of New Orleans to provide construction management services during construction. Mr. Albert is responsible for overseeing contractors during construction; ensuring the project specifications and plans are being followed. Mr. Albert performs quality control on the contractor's monthly invoices, management of Quality Control personnel, and project funding quality control.</p>			CE&I
02/19 - 08/21	<p><b>Operations Manager for Various Projects: Statewide</b></p> <p>As Operations Manager Mr. Albert's responsibilities included overseeing and managing all aspects of business; discussing business/project opportunities with owner; and managing all aspects of projects from pre-construction to completion. Daily tasks included estimating, scheduling crews, tracking budgets, communicating with GC's. Mr. Albert holds current Louisiana Licensing Board DACP License for Building Construction; Heavy Construction; Highway, Street and Bridge Construction; Municipal and Public Works Construction; and Residential Building Construction. <b>LaDOTD Project Included: H.013211</b> / LA 46: LA 39 – St. Bernard; <b>H.009804</b> / Kenner S. Williams Streetscape; <b>H.013746</b> / US 90 I-10 Service Road – LA 39</p>			
08/11 - 02/19	<p><b>Project Manager and Estimator for Various Projects: Statewide</b></p> <p>As Project Manager and Estimator, Mr. Albert's responsibilities included managing all aspects of projects from preconstruction to completion for all of NOLA Division; managing and overseeing all day-to-day operations of NOLA Division; daily tasks include estimating, scheduling crews, tracking budgets, subcontractor cost/ coordination and communicating with owners; and overseeing profit and loss for jobs and ensure projects are built on-time, according to plans/specs and within budget. <b>LaDOTD Projects Included: H.011322</b> / US 61 @ 3155 M&amp;O; <b>H.012742</b> / I-10 N Service Rd: Dwyer-Paris Rd; <b>H.011622</b> / I-910: Ramps; <b>H.012742</b> / LA 46: Orleans Parish – Paris Rd; <b>H.013240</b> / LA 48: Oak Ave-Bailey St.; <b>H.010257</b> / Grade Raising I-10 Ramps @ 3188; <b>H.012379</b> / LA 3228; <b>H.007546</b> / St. Bernard Multi-Use Path, Ph 1 &amp; 2; <b>H.004730</b> / US 61/90(Tulane): Claiborne-Carrollton; <b>H.011516</b> / US 90 @ LA 182; <b>H.011311</b> / US 90B: Elev WB Expy – Jung Blvd; <b>H.009713.6</b> / Path to Progress Jeff Parish (Barriere); <b>H.009718.6</b> / Path to Progress Orleans Parish (Boh Bros); <b>H.007211.6</b> / Ames Blvd Rehab; <b>H.003641</b> / I-59 Rest Area; <b>H.000327.6</b> / Ormond Blvd; <b>H.011167.6</b> / Howard Ave Service Rd</p>			

16. Staff Experience:

12/09 - 07/11	<b>Quality Control Manager / Field Engineer / Superintendent for Various Projects: Kenner, LA</b> As QC Manager, Field Engineer, and Superintendent, Mr. Albert was involved in all phases of construction from start to finish. Daily tasks included traffic control, quality control, daily reports, quantity and budget updating, scheduling, the overall planning of subcontractor work, RFIs, submittals, weekly progress meetings, and cost/ budget tracking. In this role, Mr. Albert worked on numerous USACE projects ensuring quality control, owner communication, daily QC reports and various other USACE requirements.	
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Ryan Schellhaas	Years of relevant experience with this employer	9	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			AD / Ongoing / Applied Science	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			LaDOTD Certified Inspector	
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).			
9 years of experience	<p>Mr. Schellhaas' capabilities in developing and maintaining productive relationships with clients, developers, architects, engineers, contractors, government officials, and project personnel have proven key to successful project execution. His survey experience includes levee and lagoon systems, and his inspection and management experience includes construction operations of catch basin cleaning, asphalt and pavement patching, ADA compliance, street light management and water and sewer line repairs.</p> <p><b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger, Embankment and Base Course Inspector; Certified USACE Construction Quality Management for Contractors</p>			Included CE&I Scope
10/20 - Ongoing	<p><b>RR004 / Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA</b></p> <p>Lead Inspector responsible for directing resident inspection services for the City of New Orleans Department of Public Works. He provides oversight of inspectors assigned to the project and ensures daily work reports and logs are accurate. He inspected and updated quantities for all approved materials used to complete construction. Mr. Schellhaas was also responsible for site management, which included documenting the progress of work, and ensuring the site is barricaded and taped off properly.</p>			CE&I
11/19 - Ongoing	<p><b>FEMA Roadway Restoration Program: New Orleans, LA</b></p> <p>Project Manager on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and back-office support personnel including qualified Construction Managers and Resident Inspectors. Mr. Schellhaas performs quality control on the contractor's monthly invoices, management of resident inspectors, and project funding quality control.</p>			CE&I

16. Staff Experience:

03/07 - 10/09	<b>Roadway Restoration Project: St. Bernard Parish, LA</b> Project Inspector on the Royal team contracted by the St. Bernard Parish Government for the Roadway Restoration Program. Royal was contracted to engineer, design, and provide construction management services for all Parish roads. This project included restoration of all concrete and asphalt roadways, including associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage in SBP during Hurricane Katrina and the recovery process. The restoration of the roadways and infrastructure was limited to Parish roadways and did not include State and Federal Roadways. Mr. Schellhaas was responsible for managing any additional work on the job site that occurred once the contractor had started his approved work. He inspected and updated quantities for all approved materials used to complete construction. Mr. Schellhaas was also responsible for site management, which included documenting the progress of work, and ensuring the site was barricaded and taped off properly.	CE&I
09/19 - 03/20	<b>MaxPave Roadway Program: New Orleans, LA</b> Assistant Project Manager on the Royal team for the City of New Orleans Department of Public Works Max Pave Program. The objective of this project was to complete as many of these work orders that the funding allowed in a condensed 7- month period. DPW hired Royal to manage the entire project from start to finish. As Assistant Project Manager Mr. Schellhaas was responsible for scheduling field inspectors, daily oversight of the job site, quality control, reviewing, and preparation of contractor invoices.	CE&I
04/18 - 02/20	<b>St. Gabriel Roadway Repair: St. Gabriel, LA</b> Administrative Support on the Royal team contracted by the City of St. Gabriel to provide engineering services for the restoration of four roadways and the full re-construction of one roadway. Royal provided construction management during the construction phase, assisted in design alterations during construction, and helped produce as-built drawings for post-construction closeout. Mr. Schellhaas was responsible for the preparation of frontend documents for the St. Gabriel roadway repair project.	CE&I

## 16. Staff Experience:


Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Paul Junker	Years of relevant experience with this employer	7	
Title	Inspector	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
16 years of experience	<b>Certifications:</b> Certified Flagger			Included CE&I Scope
06/17 - Ongoing	<b>Resident Inspection for City of New Orleans Roadway Construction Projects, New Orleans, LA</b> Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. As a project inspector, responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety. Mr. Junker provided resident inspection services for more than 20 projects, some of which included included the following, which are all 100% complete: <ul style="list-style-type: none"> <li>• <b>Tullis Drive - \$190K:</b> drainage point repairs, water line repairs, concrete roadway restoration , ADA ramps, sidewalk repairs, catch basin repairs,</li> <li>• <b>Blair Street Repair - \$304K:</b> drainage point repairs, water line repairs, concrete roadway restoration , ADA ramps, sidewalk repairs, catch basin repairs.</li> <li>• <b>Belleville Street Repair - \$410K:</b> drainage point repairs, water line repairs, asphalt pavement full depth repairs, mill and overlay asphalt roadway, ADA ramps, sidewalk repairs, catch basin repairs</li> <li>• <b>Aurora Drive Repair - \$330K:</b> ditch shaping, drainage point repairs, water line repairs, asphalt roadway restoration, mill and overlay of asphalt roadway, ADA ramps, sidewalk repairs, catch basin repairs,</li> <li>• <b>General Meyer - \$1.2M:</b> drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs</li> <li>• <b>French Quarter Municipal District - \$2M:</b> drainage point repairs, water line repairs, concrete roadway restoration, ADA ramps, sidewalk repairs, catch basin repairs, manhole repairs</li> </ul>			CE&I
05/16 - 05/19	<b>Streetlight Management Services, New Orleans, LA</b> Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Streetlight Management Services. Royal is responsible for street light operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Meanwhile training new inspectors on all processes, documentation, and safety regulations. Mr. Junker performs inspections and condition assessments of street light fixtures and poles throughout the city while documenting all findings for DPW.			CE&I

16. Staff Experience:

08/17 - 08/19	<b>Emergency Catch Basin Cleaning and Repair, New Orleans, LA</b> Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Emergency Catch Basin Cleaning and Repair Program. Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans. Mr. Junker performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. The resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.).	CE&I
05/16 - 05/19	<b>MaxPave Roadway Program, New Orleans, LA</b> Project Inspector on the Royal team responsible for performing resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Responsibilities included observation of all construction activities for critical work items; preparation of daily field reports; collection and organization of photographic evidence of documenting work progress; preparing detailed reports; documentation of unforeseen items encountered during construction and corresponding coordination with DPW for these items.	CE&I
02/10 - 08/12	<b>Roadway Restoration Program, St. Bernard Parish, LA</b> Project Inspector, Paul Junker, was responsible for oversight of construction contractors, inspection of the construction process and finished product, comparison of the work product to project drawings and specifications, schedule compliance, and site safety. This project included restoration of parish concrete and asphalt roadways and associated infrastructure (i.e. sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Approximately 50 miles of roadway were replaced according to State and Federal standards.	CE&I




## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Vincent Barker	Years of relevant experience with this employer	16	
Title	Inspector	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2009 / Business Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
16 years of experience	<b>Certifications:</b> Certified Flagger, Certified USACE/NAVFAC Construction Quality Management for Contractors - #784, Certified HAZWOPER 40, Certified in The Clean Water Act			Included CE&I Scope
08/21 - Ongoing	<b>FEMA Roadway Restoration Program: New Orleans, LA</b> Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management and Resident Inspection Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and back-office support personnel including qualified Construction Managers and Resident Inspectors.			CE&I
02/19 - 08/21	<b>Roadway Restoration Program, St. Bernard Parish, LA</b> Inspector on team responsible for restoration of all concrete and asphalt roadways, including associated infrastructure (i.e. sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina and the recovery process. Mr. Barker is responsible for the oversight of construction contractors as well as inspection of the construction process. He is also responsible for making sure that all jobs are completed correctly on time. Mr. Barker assisted in performing an inventory of all damaged roadways and associated infrastructure.			CE&I
05/16 - 05/22	<b>Streetlight Management Services, New Orleans, LA</b> Field Assessor responsible for collecting geospatial asset data for a systemwide survey of the street lighting system for the City of New Orleans. For each streetlight, he collected the GPS coordinate and recorded the condition of all assets associated with the streetlight, including the pole, base, manhole cover, support arm, luminaire, retractor, and any day burning streetlight.			CE&I
06/17 - 04/18	<b>Emergency Catch Basin Cleaning and Repair, New Orleans, LA</b> Lead Inspector and Field Assessor responsible for performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. Resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.). Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans.			CE&I

16. Staff Experience:

12/10 - 01/17	<b>Streetcar Expansion Program, New Orleans, LA</b> Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Lori Barrilleaux	Years of relevant experience with this employer	4	
Title	Field Inspector	Years of relevant experience with other employer(s)	17	
Degree(s) / Years / Specialization			AD   Drafting	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
21 years of experience	Ms. Barrilleaux has more than 20 years of experience providing field inspection services throughout New Orleans. Her experience includes observing construction, providing on-site quality assurance, preparing daily field reports, inspecting work product in accordance with drawings and specifications, and photographing and documenting work progress. <b>Certifications:</b> Certified Flagger			Included CE&I Scope
11/19 - Ongoing	<b>FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA</b> Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Ms. Barrilleaux is responsible for the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.			CE&I
04/18 - 02/20	<b>St. Gabriel Roadway Repair: St. Gabriel, LA</b> Project Inspector on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full re-construction of one roadway. As project inspector, Ms. Barrilleaux was responsible for observing construction at all times the contractor is working on critical work items; providing on-site quality assurance; inspecting, measuring, and appropriately tracking (eligible) work completed for pay requests; ensuring work did not adversely affect utilities, adjacent areas and/or property, etc.; preparing daily field reports, and/or field books; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and preparing incident reports.			CE&I
10/19 - Ongoing	<b>RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA</b> Project Inspector on team responsible for providing Construction Administration, Construction management as well as Resident inspection services for the City of New Orleans Department of Public Works. Ms. Barrilleaux performed daily inspections on roadway rehabilitations, including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation.			CE&I

16. Staff Experience:

10/20 - 11/20	<b>Clarence Henry Truckway Turnaround Pavement Rehabilitation: New Orleans, LA</b> Project Inspector on the team that provided construction management and resident inspection for the project that set up a detour, required a cold plane (mill), overlay (2" wearing and 4" binder), and restriping of the Clarence Henry Truck Turnaround. Due to the heavy volume of truck traffic the project was limited to a single weekend to complete working 24 hrs per day. Ms. Barrilleaux performed daily inspections of critical work items, documented deficient work, and reviewed contractor report compliance with project specifications.	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Carl McClurg	Years of relevant experience with this employer	3	
Title	Field Inspector	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization			BS   1995   International Economics	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
24 years of experience	<p>Mr. McClurg brings nearly 25 years of experience construction and field inspection experience. At Royal, he oversees quality assurance, pay item tracking, and ensures accuracy of work progress.</p> <p><b>Certifications:</b> American Galvanized Inspector Certification, OSHA 30-hour Construction and Health Safety</p>			Included CE&I Scope
10/19 - Ongoing	<p><b>RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B: New Orleans, LA</b></p> <p>Inspector responsible for conducting resident inspection services for the City of New Orleans Department of Public Works. Daily tasks included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, and photo documentation.</p>			CE&I
05/16 - 05/22	<p><b>Street Light Management Services: New Orleans, LA</b></p> <p>Project Inspector, Carl McClurg, performs inspections and condition assessments of streetlight fixtures and poles and completed all associated documentation of findings. Royal is responsible for streetlight operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Training of new inspectors on all processes, documentation, and safety.</p>			CE&I
06/17 - 04/18	<p><b>Emergency Catch Basin Cleaning and Repair Program: New Orleans, LA</b></p> <p>Project Inspector, Carl McClurg, performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. Resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.). Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans.</p>			CE&I
03/07 - 10/09	<p><b>Roadway Restoration Program: St. Bernard Parish, LA</b></p> <p>Project Inspector, Carl McClurg, is responsible for oversight of construction contractors, inspection of the construction process and finished product, comparison of the work product to project drawings and specifications, schedule compliance, and site safety. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Approximately 50 miles of roadway are being replaced according to State and Federal standards with a construction cost estimated at \$20,750,000.</p>			CE&I

**16. Staff Experience:**

12/10 - 01/17	<b>Streetcar Expansion Program: New Orleans, LA</b> Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.	CE&I
09/16 - 12/16	<b>Shelter at Home Program (SAH): New Orleans, LA</b> Damage Assessor/Construction Inspector on team contracted by the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) to implement the FEMA-funded Shelter at Home Program for the State of Louisiana. The Program was initiated to perform emergency temporary repairs and power restoration in single-family owner-occupied residences following the Floods of 2016. Responsibilities included determination of project scopes, document collection from homeowners, and inspections before and after construction. Tasks include initial inspections, or Initial Site Visits (ISVs) to assess and document damage, to establish a scope of work, and to collect documentation from the owner; and final inspections, or Final Site Visits (FSVs), to verify work order completion as per defined scope.	CE&I
05/16 - 05/22	<b>Street Light Management Services: New Orleans, LA</b> Project Inspector, Carl McClurg, performs inspections and condition assessments of streetlight fixtures and poles and completed all associated documentation of findings. Royal is responsible for streetlight operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Training of new inspectors on all processes, documentation, and safety.	CE&I

## 16. Staff Experience:


Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	James Hennegan	Years of relevant experience with this employer	7	
Title	Inspector	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
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).			
16 years of experience	<b>Certifications:</b> Certified Flagger, OSHA 10-hour Safety Course, Ethics Training - Orleans Parish Sheriff's Office			Included CE&I Scope
11/19 - ongoing	<b>FEMA Roadway Restoration Program, New Orleans, LA</b> Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Mr. Hennegan is responsible for the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.			CE&I
05/16 - 05/22	<b>Streetlight Management Services, New Orleans, LA</b> Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Streetlight Management Services. Royal is responsible for street light operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Meanwhile, he provides training for new inspectors on all processes, documentation, and safety regulations. Mr. Hennegan performs inspections and condition assessments of street light fixtures and poles throughout the city while documenting all findings for DPW.			CE&I
06/17 - 04/18	<b>Emergency Catch Basin Cleaning and Repair, New Orleans, LA</b> Project Inspector on the Royal team for the City of New Orleans Department of Public Works (DPW) Emergency Catch Basin Cleaning and Repair Program. Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans. Mr. Hennegan performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. The resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.).			CE&I
09/19 - 03/20	<b>MaxPave Roadway Program, New Orleans, LA</b> Project Inspector on the Royal team responsible for performing resident inspection services for the CNO DPW and SWBNO combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. Responsibilities included observation of all construction activities for critical work items; preparation of daily field reports; collection and organization of photographic evidence of documenting work progress; preparing detailed reports; documentation of unforeseen items encountered during construction and corresponding coordination with DPW for these items.			CE&I




16. Staff Experience:

06/17 - Ongoing	<b>DPW Roadway Restoration, New Orleans, LA</b> Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. As a project inspector, responsibilities include the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.	CE&I
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## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Meaghan Faherty	Years of relevant experience with this employer	6	
Title	Document Control Specialist	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS   2010   Marketing (Management Minor) AD   2017   Construction Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Document Control	
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).			
6 years of experience	<p>Ms. Faherty is an experienced document controller who has worked on several major roadway programs in Louisiana. She has provided field and office support for multiple Royal projects. She will support the Office Manager with reporting, document control and other responsibilities.</p> <p><b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>			Included CE&I Scope
11/19 - ongoing	<p><b>FEMA Roadway Restoration Program: New Orleans, LA</b></p> <p>Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide Construction Management Services for the FEMA related roadway program which includes associated subsurface drainage, sewerage, and water repairs. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services.</p>			CE&I
10/20 - 11/20	<p><b>Clarence Henry Truckway Turnaround Pavement Rehabilitation: New Orleans, LA</b></p> <p>Inspector for the Royal team overseeing the Clarence Henry Truckway Turnaround Pavement Rehabilitation project. The scope of the construction was to setup a detour, cold plane (mill), overlay (2" wearing and 4" binder) and restripe the turnaround. Royal was elected to perform construction management and resident inspection during the project, this included: submittal review, coordination with the Port and contractor, full time resident inspection during the project, site inspection from the project manager, punch list and recommendation for acceptance.</p>			CE&I
09/19 - 03/20	<p><b>MaxPave Roadway Program: New Orleans, LA</b></p> <p>Inspector for the team providing part-time quality control for temporary roadway restorations of water and sewer cuts throughout the city. The program consisted of identifying over 1,000 service cuts and nearly 800 completed repairs in a matter of 6 months.</p>			CE&I

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.			
Name	Jason Corkern	Years of relevant experience with this employer	16	
Title	Construction Inspector	Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Inspector	
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).			
25 years of experience	Mr. Corkern has 25 years of experience and the following certifications: Asphaltic Concrete Paving, Embankment & Base Course, PCC Paving, Structural Concrete, ATSSA TCS Refresher, ATSSA Flagger, C-3 Supervisor, C-5 Supervisor, Authorized Density Tester			Included CE&I Scope
03/09 - 05/20	<b>Sales Tax Street and Road Rehabilitation Program: East Baton Rouge Parish, LA</b> Mr. Corkern was an inspector on the Program for more than 10 years, serving as lead inspector for 4 years, responsible for inspection consisting of earthwork & base course. Performed inspection & QC of all aspects of Contractor's work including, but not limited to, asphalt concrete overlay, soil cement & Portland Cement operations. Responsible for field testing & sampling as needed. He assisted the Asst. Project Engineer with weekly reports, pay estimates, & inspector coord. Projects Mr. Corkern inspected under this program include: 15-01 Carrington Place, 15-03 Santa Maria, 15-07 Old Perkins Barringer Foreman, 15-09 Pearis Road & Comite Drive, 15-12 Stumberg, 16-01 H.011364 Goodwood Blvd., 16-04 Dalymple, 16-09 Goodwood and Sherwood Forest, 16-01 H.011364 Goodwood Blvd., 16-10 H.011842 Choctaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)			CE&I
05/20 - Present	<b>H.011670 / I-10 / Loyola Interchange Improvements: Jefferson Parish, LA</b> GEC, selected as the Owner Verification firm, is providing all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LaDOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Corkern serves as an inspector on the project.			CE&I
05/13 - 09/14	<b>S.P. No. 713-01-0044 / Woodlake Bridge Over Jones Creek: East Baton Rouge Parish, LA</b> Mr. Corkern provided all construction inspection services required for the removal of two existing slab span bridges with timber piling and bents along with the installation of two cast-in-place bridges and associated embankment, grading, Portland Cement concrete surfacing, approach slabs, and asphaltic concrete pavement along with sidewalks.			CE&I
09/13 - 06/16	<b>S.P. No. 713-01-0044 / Woodlake Bridge Over Jones Creek: East Baton Rouge Parish, LA</b> Mr. Corkern provided all construction inspection services required for the removal of two existing slab span bridges with timber piling and bents along with the installation of two cast-in-place bridges and associated embankment, grading, Portland Cement concrete surfacing, approach slabs, and asphaltic concrete pavement along with sidewalks.			CE&I


## 16. Staff Experience:

Firm employed by	G.E.C., Inc.			
Name	Marc Dunn, PE	Years of relevant experience with this employer	8	
Title	Construction Engineer	Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			BS   2015   Civil Engineering	
Active registration number / state / expiration date			43705   Louisiana   03-31-2024	
Year registered	2019	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
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).			
12 years of experience	Mr. Dunn is an Engineer assisting the Project Engineer in field operations and office work on numerous projects. He has experience on asphalt paving, catch basins, drainage, sanitary sewer, and embankment and base course projects. He also has a vast understanding of Site Manager, developing LPA project plans and understanding of DOTD specifications. Mr. Dunn has experience with collection of street condition data utilizing the PASER rating method and QuickCapture program. Certifications: ATSSA TCS, ATSSA Flagger			Included CE&I Scope
2014 - 2019	<b>Sales Tax Street and Road Rehabilitation Program: East Baton Rouge Parish, LA</b>  Mr. Dunn was an engineer assisting the Project Engineer for this project which began in 1990. Mr. Dunn provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past 5 years. GEC has been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. Dunn has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace & Shadows of White Oak, 15-05 Brookstown, 15-06 H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale & Lobdell, 15-09 Pearirs Road & Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 H.011364 Goodwood Blvd., 16-02 H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalrymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)			CE&I
05/15 - Present	<b>H.009479 / West Larose Vertical Lift Span Bridge Rehabilitation: Larose, LA</b>  Mr. Dunn is an engineer assisting the Project Engineer with the rehabilitations of the West Larose Bridge. The project includes a new fender system construction, removal of the existing paint system and repainting, structural repairs and bolt replacement, and rehabilitation of the electrical and mechanical systems.			CE&I
11/16	<b>Baton Rouge ITS Deployment (Phase 3): Ascension, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge Parishes, LA</b>  Mr. Dunn was the Engineer Intern assisting the Project Engineer with the Engineering and Inspection services for the Baton Rouge ITS Deployment Phase 3 Project. The project consisted of construction and integration of five (5) new DMS sites, ten (10) new CCTV sites, one (1) new hub site, thirty (30) Bluetooth Vehicle Detectors (combined with new and existing sites), and five (5) miles of new fiber optic build-out, conduit, and associated pullboxes.			CE&I


16. Staff Experience:

07/19 - Present	<b>H.011670 / I-10 / Loyola Interchange Improvement, Design-Build Project: Jefferson Parish, LA</b> GEC, selected as the Owner Verification firm, is providing all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LaDOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Dunn is overseeing the inspectors performing owner verification and the QC firm on the daily field operations. He assists the Project Engineer on design review meetings and field operations.	CE&I
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# 16. Staff Experience:

Firm employed by	G.E.C., Inc.			
Name	Vernon Rome	Years of relevant experience with this employer	0.5	
Title	Construction Inspector	Years of relevant experience with other employer(s)	22	
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Inspector	
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).			
22 years of experience	Mr. Rome has 22 years of experience and the following certifications: Asphalt Concrete Paving Inspector/Technician, Embankment and Base Course Inspector, Asphalt Plant Technician, Authorized Aggregate Tester, Nuclear Device Operator, Authorized Concrete Field Tester, Authorized Profiler Inspector, ATSSA Flagger, ATSSA Traffic Control Supervisor			Included CE&I Scope
03/22 - Present	<b>Sales Tax Street and Road Rehabilitation Program: East Baton Rouge Parish, LA</b> Mr. Rome serves as inspector responsible for inspection consisting of earthwork & base course. Performs inspection & QC of all aspects of Contractor's work including, but not limited to, asphalt concrete overlay, soil cement & Portland Cement operations. Responsible for field testing & sampling as needed. He assists the Asst. Project Engineer with weekly reports, pay estimates, & inspector coord. Projects Mr. Rome inspected under this program include: 17-02, Asphaltic Surface Treatment, 17-03, Pride-Baywood, Monterrey, etc. (DPW Project No. 15-CEST-0001)			CE&I
05/22 - Present	<b>LA SAFE Airline and Main Complete Streets: LaPlace, LA</b> The project includes construction of a 10' and 5' sidewalk along the north side of US 61. Existing ditches will have pipes added and be reshaped to provide detention ponds to reduce time of concentration. Mr. Rome is a construction inspector.			CE&I

**16. Staff Experience:**


Firm employed by	The Beta Group Engineering and Construction Services			
Name	Alex Jaramillo, P.E.	Years of relevant experience with this employer	10	
Title	Senior Project Engineer   Geotechnical Engineer	Years of relevant experience with other employer(s)	14	
Degree(s) / Years / Specialization			BS / 1999 / Civil Engineering	
Active registration number / state / expiration date			36324 / LA / 9-30-2023	
Year registered	2011	Discipline	Geotechnical Engineer	
Contract role(s)/brief description of responsibilities			Geotechnical Support	
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).			
24 years of experience	<p>Mr. Jaramillo has over 16 years of experience in the engineering field. Mr. Jaramillo has been employed by The Beta Group since 2011, at which time he was named Senior Project Manager. Prior to joining the firm, he gained experience with several geotechnical engineering firms including Gore Engineering, PSI and Ardaman and Associates. Mr. Jaramillo's experience was gained in positions such as: geotechnical field and laboratory testing technician and project engineer. As a geotechnical engineer, Mr. Jaramillo has managed various types of geotechnical projects, which vary from residential to heavy industrial. He prepares geotechnical reports containing recommendations for soil bearing capacity, settlement, pile capacities, sheet pile walls, lateral pile analysis, slope stability analysis, rigid and flexible pavement design, material enforcements, and site preparation. He also monitored drilling crew field operations on a daily basis. Currently, as Senior Project Engineer, Mr. Jaramillo is responsible for all geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report.</p>			

**16. Staff Experience:**


Firm employed by	The Beta Group Engineering and Construction Services				
Name	Hannah Jenkins, E.I.	Years of relevant experience with this employer	1		
Title	Project Engineer	Years of relevant experience with other employer(s)	0		
Degree(s) / Years / Specialization			BS   2022   Civil Engineering		
Active registration number / state / expiration date			0035170 / LA /		
Year registered	2022	Discipline	Project Engineer		
Contract role(s)/brief description of responsibilities			Geotechnical Support		
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).				
1 year of experience	<p>Ms. Jenkins has worked for The Beta Group since September of 2021. She gained her start as a Geotechnical Intern and worked as such until she graduated in May of 2022 with a Bachelor of Science in Civil Engineering. Ms. Jenkins now serves as a Staff Engineer in Beta's Geotechnical Department. She has gained experience in both field and lab testing and analyses during her time at Beta, as well as performing a multitude of analyses including Deep Foundation Design, Lateral Pile Analyses, Pavement Design, Seepage Analyses, Settlement Analyses, Sheet Pile Analyses, Slope Stability, Time Rate Analyses, and many others. Ms. Jenkins has passed the Fundamentals of Engineering and is currently working towards her P.E. license.</p>				



# 16. Staff Experience:

Firm employed by	The Beta Group Engineering and Construction Services			
Name	Mariana Cure	Years of relevant experience with this employer	10	
Title	Senior Technician	Years of relevant experience with other employer(s)	10	
Degree(s) / Years / Specialization			High School Diploma Asphaltic Concrete	
Active registration number / state / expiration date			Asphalt Plant Inspector / Technician / Louisiana / 12-12-2022 Technology Transfer and Training Section-LTRC / Louisiana	
Year registered	2022	Discipline	DOTD Certified Inspector	
Contract role(s)/brief description of responsibilities			Asphaltic Concrete Plant Inspector, Technician	
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).			
				Included CE&I Scope
10/17 - 03/19	<b>Lapalco (Victory - Westwood) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician</b> Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			CE&I
02/17 - 03/18	<b>St. Charles Avenue (LA Avenue - Calliope St.) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician</b> The Beta Group provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			CE&I
06/17 - 04/18	<b>LA 18 (41 Street Ext. - Burmaster) LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician</b> Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			CE&I
03/18 - Ongoing	<b>Airport Connector Roads LaDOTD: Certified Asphaltic Concrete Plant Inspector/Technician</b> Beta provided construction materials testing and project management for this project which included concrete paving, soils and asphalt paving.			CE&I

**16. Staff Experience:**

Firm employed by	The Beta Group Engineering and Construction Services			
Name	Thony Somoza	Years of relevant experience with this employer	10	
Title	Senior Technician	Years of relevant experience with other employer(s)	10	
Degree(s) / Years / Specialization			Associate of Applied Science, Nunez Community College ACI Concrete Field-Testing Technician - Grade 1 ACI Aggregate Testing Technician - Level 1 ACI Concrete Strength Testing Technician ACI Concrete Laboratory Testing Technician - Level 1 Embankment and Base Course - LA DOTD Certified ATSSA Traffic Control Supervisor / Technician and Flagger Certified	
Active registration number / state / expiration date			Embankment and Base Course Inspector / Louisiana / 2-18-2024 Traffic Control Technician-LA State Specific / TCC & TCS renewed 5-29-2020	
Year registered	2022	Discipline	DOTD Certified Inspector	
Contract role(s)/brief description of responsibilities			Embankment & Base Course Inspection	
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).			
				Included CE&I Scope
04/17 - 05/18	<b>LA-46 / LA-39 Improvements LaDOTD: Certified Embankment &amp; Base Course Inspector</b> Beta provided construction materials testing for this project which involved concrete paving, soils testing, asphalt field and plant inspection.			CE&I
02/17 - 03/18	<b>St. Charles Avenue (LA Avenue - Calliope St.) LaDOTD: Certified Embankment &amp; Base Course Inspector</b> The Beta Group provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			CE&I
10/17 - 03/18	<b>Lapalco (Victory - Westwood) LaDOTD: Certified Embankment &amp; Base Course Inspector</b> Beta provided construction materials testing for this project which involved concrete paving, concrete plant inspection, soils testing, asphalt field and plant inspection.			CE&I

## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	Polly Lane Extension	Firm responsibility (prime or sub?)	Prime
Project number	2015-18	Owner's name	Lafayette City-Parish Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Alison Lognion
Owner's address, phone, email		705 W University Ave, Lafayette, LA 70506 337.291.8522, alognion@lafayettela.gov	
Services commenced by this firm (mm/yy)	08/15	Total consultant contract cost (\$1,000's)	\$351
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm (\$1,000's)	\$117

Royal Engineers and Consultants, LLC ("Royal") was contracted by Lafayette City-Parish Consolidated Government to provide professional engineering design services for the extension and connection of both existing dead-end streets of Polly Lane, inclusive of roadway reconstruction and widening to its existing section to Verot School Road. A small diameter roundabout was also designed and constructed at the intersection of Polly Lane with Gathright Rd as a traffic calming measure to between commercial and residential portions of the street. The approximate length of the new roadway is 1,080 linear feet and the length of improvements to existing roadway is 930 linear feet. The roadway extension/connection consists of a 2-lane asphaltic concrete roadway, curb and gutter and grate inlet type drainage systems, reinforced concrete roundabout, concrete box culvert in Issac Verot Coulee Lateral 7, articulating block matting for scour protection, sidewalks, and street lighting. The roundabout is 32 ft diameter reinforced Class A concrete, stained with brick red color. 13" thick concrete reinforced with #4 rebar at 12" on center each was utilized, with lime treated subgrade.

Additional project features include the installation of approximately 1,200 linear feet of an 8" water line to connect service across the coulee. Horizontal Directional Drilling (HDD) was utilized for the coulee crossing. Permitting services for the coulee crossing were also provided, including a water permit from the Department of Health and Hospitals and a 404 permit from the USACE. Royal's design phase services include all preliminary and final plans, preparation of all necessary right-of-way maps/plats and other governmental staking and inspection authorized on an as-needed basis by owner, opinions of probable construction cost, design calculations, utility coordination, site condition assessment and surveying, permitting, and preparation of bid documents.

Construction phase services include pre-construction coordination, contractor submittal review and tracking, shop drawing review and approval, RFI management, progress meetings, construction monitoring, quantity tracking, full-time resident inspection, engineering during construction, preliminary and final walk through, punch list, substantial completion coordination, completion of record drawings and contractor pay request preparation and coordination. Design and construction of the project was divided into several phases to expedite construction of the road and provide access to a newly built apartment complex.

**Key Personnel:** Katherine Foreman



## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I
Project name	RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B:	Firm responsibility (prime or sub?)	Prime
Project number	2016-23-35	Owner's name	City of New Orleans Department of Public Works
Project location	New Orleans, LA	Owner's Project Manager	Josh Hartley, P.E.
Owner's address, phone, email		1300 Perdido St # 6W03, New Orleans, LA 70112 504.606.0707, jwhartley@nola.gov	
Services commenced by this firm (mm/yy)	10/19	Total consultant contract cost (\$1,000's)	\$1,200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,000

As part of a construction administration and resident inspection contract with the City of New Orleans Department of Public Works, Royal provided construction management services for the construction of \$23M FEMA-funded roadway improvements, one of the largest in the City. The project area covers 110 city blocks and construction is estimated to include 29,000 square yards (SY) of asphalt, 18,000 SY of concrete, and will require replacement of roadway pavement, water lines, sewer lines, and drainage. The work also includes modifications to improve consumer mobility as it relates to the Americans with Disabilities Act (ADA).

Tasked with Construction Administration, Resident Inspection, and Overall Construction Management, Royal is providing field management of the contractor and all construction activities, including conducting progress meetings, resolving resident issues, reviewing and approval of monthly pay estimates, field adjustments and applying knowledge and experience in civil construction to ensure the project remains on schedule and budget. Responsibilities include monitoring construction activities to determine and document the progress of the project and compliance with the construction contract, the City's standards and policies, and with an emphasis on site safety, the timely review of submittals, shop drawings, samples, substitute materials, value engineering proposals, the timely rejection of all non-conforming work and materials, the application of work forces to particular portions of the work, the conformance of the work to the construction contractor's schedule, the timely execution of the work, and conducting required interviews of the Construction Contractor.

Royal resident inspectors document all construction activities and material quantities in-place as well as assist in the evaluation of the Construction Contractor payment requests. They also monitor tests and maintain records for all quality testing, submit daily inspection reports, and observe the jobsite safety program.

Deliverables include the following:

- Construction Field Records, including Daily Reports/Working Day Reports
- Monthly Pay Requests, Schedule Updates, and Weather Reports
- Plan Change Requests/Field Change Authorizations
- Non-Conforming Materials Notifications
- Recommendation for Approval of Testing Laboratory Pay Request
- Final Inspection Report
- Overrun/Underrun Statement
- Warranty Inspection Report
- Project Schedule
- Monthly Progress Report and Invoice
- Final "As Built" Drawings

### Key Personnel:

Carter O'Brien, Meaghan Faherty, Carl McClurg, David Schroeder, Ryan Schellhaas, Ryan Hebert, Michael Pugh, Courtney Kall, Chad Albert



## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Clarence Henry Truckway Turnaround Pavement Rehabilitation	Firm responsibility (prime or sub?)	Prime
Project number	2020-08-01	Owner's name	Port of New Orleans
Project location	New Orleans, LA	Owner's Project Manager	Ryan Bylsma
Owner's address, phone, email			1350 Port of New Orleans, New Orleans, LA 70130 540.528.2552, ryan.bylsma@portnola.com
Services commenced by this firm (mm/yy)	10/20	Total consultant contract cost (\$1,000's)	\$16
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)	\$11

This project included setup of a detour, cold plane (mill), overlay (2" wearing and 4" binder), and restripe of the Clarence Henry Truck Turnaround. Due to the heavy volume of truck traffic, the project was limited to a single weekend to complete working 24 hours per day.

Royal performed construction management and resident inspection during the project. Our responsibilities included submittal review, coordination with the Port and contractor, full time resident inspection during the project, site inspection from the project manager, punch list and recommendation for acceptance.

Additional responsibilities/deliverables included:

- Quality control
- Change order review along with independent cost estimates
- Construction Submittal Management
- Document Control
- Project Coordination and scheduling
- Daily inspection of critical work items, documentation of deficient work, and ensuring the contractor follows the project specifications
- Formulation of punch list along with deficient work valuation
- 37A-2: Forms

**Key Personnel:** Michael Pugh, Carter O'Brien, David Schroeder, Ryan Schellhaas, Meaghan Faherty, Lori Barrilleaux





## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Saint Gabriel Roadway Repair	Firm responsibility (prime or sub?)	Prime
Project number	2018-06	Owner's name	City of Saint Gabriel
Project location	Saint Gabriel, LA	Owner's Project Manager	Lloyd Snowten
Owner's address, phone, email			5035 Iberville Street, St. Gabriel, LA 70776 225.642.9600, lsnowten@stgabriel.us
Services commenced by this firm (mm/yy)	08/19	Total consultant contract cost (\$1,000's)	\$358
Services completed by this firm (mm/yy)	01/20	Cost of consultant services provided by this firm (\$1,000's)	\$267

This project consists of furnishing all supervision, labor, equipment, and materials necessary to mill and overlay four roadways. This included associated work to drive aprons and reconstruct one roadway including pavement removal, general excavation, soil cement, class II base course, asphaltic concrete pavement and associated work to drive aprons.

Royal provided engineering services, including design, plan and specification preparation, cost estimating, and bidding. Additionally, Royal provided all construction management, quality assurance, administration, pay applications and closeout services. Staff included on-site and back-office support personnel.

**Back office services included:** general construction management and administration activities; document control functions; conducting pre-construction conference; reviewing pay applications and recommending payment; reviewing proposed change orders for scope and cost reasonableness; preparing contract change orders; issuing necessary interpretations and clarifications of the contract documents as appropriate; evaluating and determining acceptability of substitute or "or-equal" materials and equipment; recommending substantial completion, and preparing substantial completion documentation; preparing/submitting record drawings; assisting with claims and disputes arising from construction; obtaining warranty documentations and conducting warranty period inspection; reviewing contractor request for added days, and special work requests; and reviewing and tracking material submittals.

**Field services included:** assisting with technical issues arising during construction; assisting in coordination with utilities for relocations; conducting progress meetings (biweekly), and prepare agendas and minutes; monitoring and tracking construction progress; recommending work be rejected while in progress if not in accordance with contract; obtaining field measurements for estimated pay item quantities; and conducting preliminary and final walk-throughs, and prepare punch list.

**Specific duties for the Resident Inspector (RI) included:** observing construction at all times the contractor is working on critical work items; providing on-site quality assurance; inspecting, measuring, and appropriately tracking (eligible) work completed for pay requests; ensuring work did not adversely affect utilities, adjacent areas and/or property, etc.; preparing daily field reports, and/or field books; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and prepare incident reports

### Key Personnel:

David Schroeder, Mike Pugh, Carter O'Brien, Meaghan Faherty, Ryan Schellhaas, Lori Barrilleaux



## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Magnolia Converted Pedestrian Bridge Rehabilitation	Firm responsibility (prime or sub?)	Prime
Project number	H.009938	Owner's name	New Orleans Department of Public Works
Project location	New Orleans, LA	Owner's Project Manager	Josh Hartley, P.E.
Owner's address, phone, email		1300 Perdido St # 6W03, New Orleans, LA 70112 504.606.0707, jwhartley@nola.gov	
Services commenced by this firm (mm/yy)	02/18	Total consultant contract cost (\$1,000's)	\$176
Services completed by this firm (mm/yy)	10/18	Cost of consultant services provided by this firm (\$1,000's)	\$176

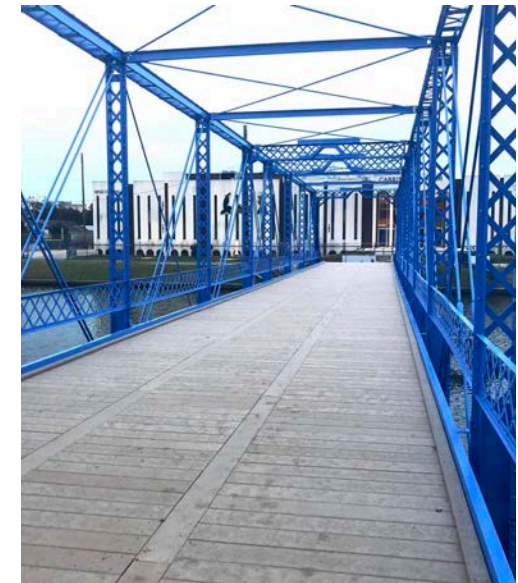
Royal provided Construction Administration and Resident Inspection Services for the rehabilitation of the Magnolia Bridge which crosses Bayou St. John at Harding Drive in Orleans Parish. The project was funded by LaDOTD, Regional Planning Commission, and City bond funds and consisted of grading, class II base course, asphalt removal and replacement, steel rehabilitation (cleaning & painting), sheet pile installation, bridge deck replacement, incidental concrete paving and concrete walks, concrete wall repair, and associated work to construct the project according to construction documents.

Royal provided construction management (CM) and resident inspection, quality assurance, administration, review of pay applications and closeout services. Staff included on-site and back-office support personnel including qualified Construction Managers and Resident Inspectors.

**Back office services included:** general CM & administration activities, document control, facilitation of preconstruction conference, bid review/ award recommendations, work order basis, generation of details and quantities and management of work order process, review of pay applications and recommendations for payment, review proposed change orders for scope and cost reasonableness, prepare contract change orders, issue necessary interpretations and clarifications of the contract documents, evaluate and determine acceptability of substitute or "or-equal" materials and equipment, recommend substantial completion and prepare substantial completion documentation, prepare/submit record drawings, assist with claims and disputes arising from construction, obtain warranty documentations and conduct warranty period inspection, prepare and submit any required permits not the responsibility of the contractor to obtain, review contractor requests for added days and special work requests, and reviewing and tracking of material submittals.

**Field services included:** assistance with technical issues arising during construction, assistance in coordination with utilities for relocations, facilitation of progress meetings, preparation of agendas and minutes, monitoring and tracking of construction progress, recommendations of work to be rejected while in progress if not in accordance with contract, collection of field measurements for estimated pay item quantities, preliminary and final walk-throughs, and preparation of punch list.

**Resident inspection services included:** observation of construction at all times the contractor worked on critical work items; inspection, measurement and tracking of work completed for pay requests; observation of utility impacts; observation of adjacent areas and/or property impacts; preparation of daily field reports; photograph and/or documentation of work progress; coordination with A/E, DPW, and LaDOTD on unforeseen items encountered during construction; coordinate with and monitor work performed by material testing agency, utilities, and other on-site visitors; preparation documentation required for field changes; verification of contractor providing adequate traffic control and site safety procedures, and preparation of incident reports.



### Key Personnel:

Michael Pugh, David Schroeder, Ryan Schellhaas, Ryan Hebert

## 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Sales Tax Street and Road Rehabilitation Program	Firm responsibility (prime or sub?)	Prime
Project number	DPW 08-CE-ST-0049, 15-CE-ST-0001	Owner's name	City of Baton Rouge, Parish of East Baton Rouge
Project location	Baton Rouge, LA	Owner's Project Manager	Daniel Rosenquist
Owner's address, phone, email			1100 Laurel Street, Rm 135, Baton Rouge, LA 225.389.3106, drosenquist@br.gov
Services commenced by this firm (mm/yy)	01/09	Total consultant contract cost (\$1,000's)	\$800 (annual)
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$800 (annual)

The project began in 1990 and GEC has been the prime consulting engineer, responsible for construction inspection for all City of Baton Rouge Street Improvements, since 1991. The City passed a renewal of the Sales Tax Street and Road Rehabilitation Program which extended the roadway improvement program for an additional five years with GEC remaining the prime consultant providing inspection services. Throughout the contract, GEC has provided project engineering and inspection services by LaDOTD-certified inspectors in both asphalt and concrete construction. In addition, GEC provides between five and six inspectors certified by LaDOTD in Asphaltic Concrete Paving, Portland Cement Concrete Paving, or Embankment and Base Course construction. Some are certified in more than one category. GEC provides the following services:

- Conducting a pre-construction conference.
- Providing full time inspection by certified inspectors and weekly progress reports.
- Administration of multiple contractors.
- Review and approval of pay estimates.
- Issuing work directives.
- Daily meetings with Program Director and Field Coordinator.
- Prepare a pre-final punch list.
- Conduct final inspection and project closeout.
- Conduct one-year warranty inspection.
- Coordinate and oversee field and plant inspection services by sub-consultants.

Key Personnel: Jason Corkern, Marc Dunn, Carter O'Brien



Goodwood Blvd. Rehab (in front of GEC's Baton Rouge office)



## 17. Firm Experience:

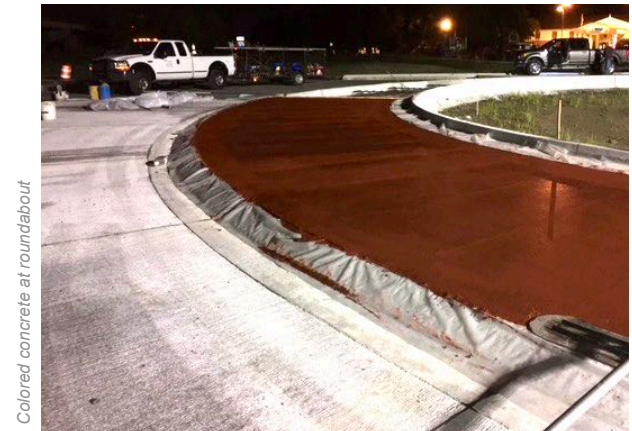
Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route	Firm responsibility (prime or sub?)	Prime
Project number	H.003014	Owner's name	LaDOTD
Project location	St. Martin Parish, LA	Owner's Project Manager	Eric Dauphine
Owner's address, phone, email			428 Hugh Wallis Rd. Lafayette, LA 70508 337.262.6100, eric.dauphine@la.gov
Services commenced by this firm (mm/yy)	05/17	Total consultant contract cost (\$1,000's)	\$4,111
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$2,582

This 3.436 mile, \$52 million project to widen the westbound lanes of I-10 includes total reconstruction of the existing lanes both east and westbound, and widening of four structures in St. Martin Parish.

As the prime, GEC is providing all construction inspection services, including the professional engineer and office manager duties. This project includes clearing and grubbing, median barrier, removal of bridges, drainage structures, subgrade layer, class II base course, asphaltic pavement, concrete pavement, drill shaft foundations, precast concrete piles, pre-stressed precast concrete girder span bridges, signage, lighting, roundabouts, CCTV camera relocations, and related work.

Key Personnel:

Carter O'Brien



Colored concrete at roundabout

## 17. Firm Experience:

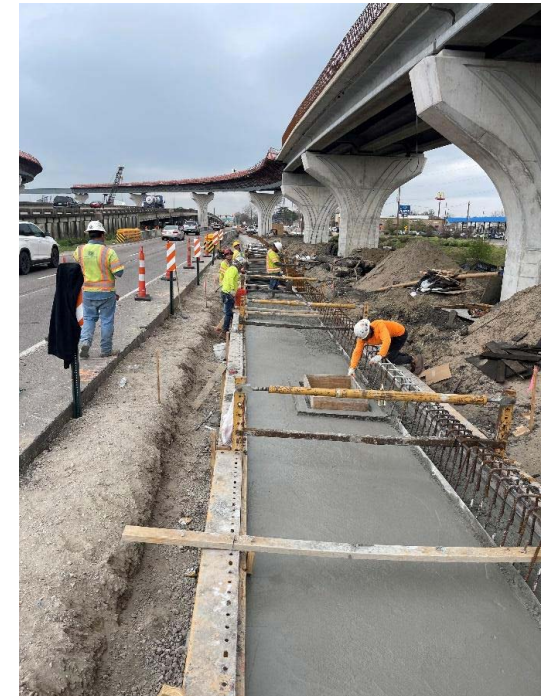
Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Owner Verification Services, I-10/Loyola Interchange Improvements	Firm responsibility (prime or sub?)	Prime
Project number	H.011670	Owner's name	LaDOTD
Project location	Baton Rouge, LA	Owner's Project Manager	Timothy Nickel
Owner's address, phone, email			1201 Capital Access Road, Baton Rouge, LA 70804 225.379.1110, timothy.nickel@la.gov
Services commenced by this firm (mm/yy)	07/09	Total consultant contract cost (\$1,000's)	\$4,423
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$4,423

The project 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 currently under construction. GEC was selected as the Owner Verification Firm (OVF) to provide all necessary engineering and related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LaDOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP).

GEC is providing assistance and support to the LaDOTD Project Manager to ensure that the requirements of the contract documents are met. These activities include: acting as the designee of the LaDOTD Project Manager at regularly scheduled meetings related to the project, responsibility for all meeting minutes, reviewing and approving required Critical Path Method (CPM) schedule updates, reviewing and approving periodic payment requests from the Design-Builder, ensuring the Design-Builder's adherence to the Contract, and any other activities deemed necessary by the LaDOTD Project Manager to ensure that the contract requirements are being met. GEC has utilized HeadLight software with an iPad to manage this OV project in Jefferson Parish.

GEC is also responsible for all design acceptance and construction verification services which are part of the overall project's Design-Build Quality Assurance Program (QAP), along with construction engineering and inspection services as required for construction of the Design-Build project. GEC has assigned a full-time Project Engineer (PE) to this project along with inspection staff.

Key Personnel: Brian Buckel, Marc Dunn, Jason Corkern



Ramp F Pier Protection Footing Pour

**17. Firm Experience:**

Firm Name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Road
Project name	Roadway Expansions Perkins Rd. (Siegen Ln. to Pecue Ln.)	Firm responsibility (prime or sub?)	Sub
Project number	12-CS-HC-0015	Owner's name	LaDOTD
Project location	Baton Rouge, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost (\$1,000's)	\$24
Services completed by this firm (mm/yy)	06/21	Cost of consultant services provided by this firm (\$1,000's)	\$24

This project consists of widening Perkins Rd. beginning at Siegen Ln. extending southeast to Pecue Ln. in Baton Rouge, Louisiana

The Beta Group was responsible for: Geotechnical Investigation and Analysis: Atterberg Limits, Unconfined Compression Tests, Natural Moisture Content, Unit Weight Determination, Percent Passing #200 Sieve

Key Personnel: Alex Jaramillo

Firm Name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Road
Project name	I-12: LA 21 to US 190	Firm responsibility (prime or sub?)	Sub
Project number	H.013866	Owner's name	LaDOTD
Project location	Covington, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	As needed
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$94

The Beta Group is responsible for: Pile Inspections and Pile Logging, Vibration Monitoring, Nuclear Method for In-Place Density and Natural Moisture Content Testing of Material, Concrete Inspections and Compressive Strength Testing, Ground Penetrating Radar Investigations

Key Personnel: Alex Jaramillo, Thony Somoza

17. Firm Experience:

Firm Name	The Beta Group Engineering and Construction Services	Past Performance Evaluation Discipline(s)*	Road
Project name	Severn Avenue: Veterans to West Esplanade	Firm responsibility (prime or sub?)	Sub
Project number	H.011752	Owner's name	LaDOTD
Project location	Metairie, LA	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	As needed
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$155

This project consists of removal and reconstruction of concrete roadway, drives, sidewalks, and handicapped ramps, combination curb and gutter, manholes, storm drains, catch basins, and drainage pipe

The Beta Group is responsible for: Geotechnical Investigation and Analysis, Atterberg Limits, Natural Moisture Content, Sieve Analysis, Nuclear Method for In-Place Density and Moisture Content Testing of Material, Vibration Monitoring, Concrete Inspections and Compressive Strength Testing

Key Personnel: Alex Jaramillo, Thony Somoza, Hannah Jenkins

## 18. Approach and Methodology:






To improve traffic flow and safety for road users and pedestrians, the Ascension Parish Government has decided to install a roundabout at the intersection of Churchpoint and Roddy Road in Gonzales, Louisiana. Hosted through the Move Ascension program, the roundabout is one of many improvements aimed at helping maximize the benefits of the Parish's recent population and economic growth, attract additional economic opportunities, and invest in long-term transportation improvements.

While roundabouts provide a solution to improve safety and traffic flow, we know from prior projects that they also require detailed construction sequencing, temporary traffic control configurations to safely move traffic, and relocation of existing utilities.

Royal and our subconsultants, GEC, and The Beta Group, have designed and constructed more than 100 similar roadway projects in Louisiana, making our team well-experienced and prepared to manage and inspect the project throughout all phases of construction. Our team is led by Carter O'Brien, PE, who brings more than 14 years of heavy civil construction management experience and has successfully executed more than 20 projects for LaDOTD. In addition, our team includes certified Base and Embankment, Asphaltic Concrete, and PCC Pavement certified inspectors. Our construction engineering and inspection team are proficient in SiteManager, know the LaDOTD procedures and processes, and have used Headlight and Material Manager.

### Approach to the Project

Based on our understanding of the project, knowledge of LaDOTD's processes and procedures, and experience completing similar roundabout projects across the state, we will execute the project in the phases outlined in the figure below.

 <b>Post Award</b>	 <b>Pre-Construction</b>	 <b>Active Construction</b>	 <b>Substantial Completion</b>	 <b>Project Closeout</b>
<ul style="list-style-type: none"> <li>• Design QA/QC plan</li> <li>• Attend software training</li> <li>• Provide testing lab (if needed)</li> <li>• Review project plans and special provisions</li> <li>• Review DOTD provided sampling plan</li> </ul>	<ul style="list-style-type: none"> <li>• Host preconstruction meeting</li> <li>• Agree upon and issue NTP</li> <li>• Develop QA/QC plan, materials testing, &amp; field sampling plan</li> <li>• Review preconstruction submittals</li> <li>• Review &amp; respond to preconstruction RFIs</li> <li>• Coordinate with stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>• Serve as client/contractor liaison</li> <li>• Conduct daily inspections</li> <li>• Develop detailed inspection reports</li> <li>• Conduct document sampling &amp; testing</li> <li>• Review &amp; monitor traffic control plans</li> <li>• Review submittals</li> <li>• Ensure document control</li> <li>• Issue monthly pay estimates</li> <li>• Manage materials</li> <li>• Coordinate contractor claims</li> <li>• Conduct QA/QC</li> </ul>	<ul style="list-style-type: none"> <li>• Coordinate final walkthrough</li> <li>• Develop final punch list</li> <li>• Obtain final project acceptance</li> </ul>	<ul style="list-style-type: none"> <li>• Assemble required turn-in documents</li> <li>• Submit closeout documents</li> </ul>
<b>CONTRACT DAY 1 - 30*</b>			<b>CONTRACT DAY 31 - 168*</b>	

*\*Note that these are approximations.*

### Why Royal?



#### Understanding of and proximity to the project

Our offices are located less than 20 miles from the project site.



#### Knowledge of LaDOTD's processes and procedures

Our team includes Carter O'Brien and William Fontenot who have worked with LaDOTD for more than 14 years.



#### Experience completing similar roadway projects across the state

Our team has completed more than 100 similar roadway projects in Louisiana.



## 18. Approach and Methodology:



### **Post Award**

To hit the ground running post award, our team will review LaDOTD's project plans and special provisions and attend any necessary department software training courses such as Headlight or SiteManager. Should the LaDOTD laboratory be unavailable, The Beta Group will provide materials testing services throughout the project.



### **Pre-Construction**

We understand the importance of aligning all stakeholders during the pre-construction phase. This phase will begin with a team kick-off meeting to discuss the project Notice to Proceed date, project goals, QA/QC plan, materials testing/field sampling plan, and pre-construction submittals. We will also confirm compliance, coordinate with utilities, and review and respond to pre-construction RFIs before moving into the next phase.



### **Active Construction**

During construction, our resident inspector(s) will inspect the contractor's operation daily to confirm that all work is performed in accordance with the specified plans, specifications, and approved materials. We will also review the contractor's traffic control plan(s) on a daily basis to confirm it follows MUTCD guidelines and adheres to the project plans confirmed during pre-construction.

To confirm and maintain quality on the project, we will follow the project sampling plan provided during preconstruction. Our resident inspector(s) will confirm that asphalt and/or PCCP lots and Class 2 Base course are sampled and tested according to LaDOTD's specifications. Using SiteManager/Headlight, our team will include detailed documentation and photography of all testing, and will obtain and record all certificates of release, material certificates, and necessary field paperwork throughout the project.

Providing timely responses to the contractor and managing document control is critical to maintaining the project schedule. Royal will manage all project correspondence during active construction, including RFIs, change orders, submittals, releases, monthly pay estimates, and other project documents. Our team intends to answer all RFIs within two business days. We will document all pertinent information and include all RFIs with the final project documents. Similarly, we will review all change orders in accordance with LaDOTD's specifications and, once recommended for approval, will send for electronic signatures via SiteManager.

Should there be a claim or dispute, our team will provide detailed records and track time and material information in a force account format. The Royal team is also experienced in providing recommendations regarding constructability issues or scheduling disputes, and stand ready to support LaDOTD if required.



### **Substantial Completion**

Once the project reaches substantial completion, our team will conduct a final walkthrough with all stakeholders and develop a final punch list items for the contractor to address. Once addressed, we will coordinate and obtain final project acceptance from all project stakeholders.



### **Closeout**

After the project is complete, our team will assemble and submit all required closeout documents in accordance with LaDOTD standards, including:

- Final estimate (zero sum)
- Change orders with required signatures
- Certificates of release
- Correspondence
- RFIs
- Dispute resolution
- Weather and working day report
- Construction layout book
- As-built plans submitted with final estimate reflecting all changes made from original plans
- Form 2059

## 18. Approach and Methodology:

### Project Schedule

Royal's team includes experienced critical path schedule reviewers who bring first-hand construction field insight to accurately review contractor schedules for compliance and confirm that time requests are justified.

### Sample Schedule

#### Roundabout at Churchpoint Rd and Roddy Rd (CE&I)

DOTD Contract No. 4400025412

State Project No. H.006459.6

Task Name	Duration	Start	Finish	Comments	Q4 2022			Q1 2023			Q2 2023			Q3 2023		
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Contract Duration	168d	11/14/22	05/05/23													
Contract Execution	1d	11/14/22	11/14/22													
Notice to Proceed	1d	11/14/22	11/14/22													
Pre-Construction	30d	11/15/22	12/16/22	Project team will verify utility re-locations, conduct Project Kickoff meeting with LaDOTD and Ascension parish, finalize QC plan, and perform construction plan review.												
Construction	165d	11/15/22	05/03/23	Through Royal's pre-construction involvement we hope to limit delays with the project and with Royal's on-site presence, we intend to mitigate the correspondence chain to expedite any RFIs and keep the project moving.												
Final Inspection and Punchlist	45d	03/20/23	05/03/23	Royal aims to keep a running punch list in coordination with the contractor to minimize final punch list items and expedite the closeout.												
Final Change Order	7d	04/27/23	05/03/23	Following LaDOTD's Change Order process, Royal will process the final reconciliation change order.												
Closeout	30d	04/04/23	05/03/23	LaDOTD required 2059, correspondence, submittal, as-builts, field books, and all required project closeout documents will be maintained and turned in at project completion.												

#### Bloski Avenue Extension, U.S. Department of the Navy, NAVFAC Southeast

Royal's value engineering efforts reduced the total project price by approximately \$800,000 and reduced the project's duration by 50 days.

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
Royal	N/A	N/A	N/A	N/A



19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
G.E.C., Inc.	Other	<b>SP# 4400016958</b>	Road Transfer Program Management, Statewide (NOTE: One GEC employee located at LaDOTD.)	\$1,601,119
G.E.C., Inc.	Road Bridge, Environ., ITS & Other	<b>SP# H.004273.5*</b> <i>*Note: design phase on hold to revisit NEPA process</i>	<b>I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange)</b> (Sub to Stantec) Geometrics Bridge Study (\$54,934), Environmental (\$17,626), ITS (\$19,447), Program Management (\$77,599), Electrical (\$301,419) & Implementation Strategies (20,739)	\$70,810 \$491,764
G.E.C., Inc.	Bridge, ITS & Other	<b>SP# H.004100</b>	<b>I-10 Baton Rouge Widening CMAR Segment 1</b> (Sub to Huvall) Bridge (\$7,121), ITS (\$128,628), Project Management (\$222,280), Retaining Walls (\$10,000), Sound Walls (\$59,958) & Electrical (\$1,076,226)77,599), Electrical (\$301,419) & Implementation Strategies (20,739)	\$1,504,213
G.E.C., Inc.	Road Bridge, ITS & Other	<b>SP# H.013897</b>	<b>I-10 &amp; I-12 College Drive Flyover Ramp Design-Build Project</b> (Sub to Boh Bros.) Road Bridge (\$174,800), ITS (\$28,665), Project Management (\$33,334), Sound Walls (\$44,640) & Electrical (\$16,335)	\$237,660 \$297,774
G.E.C., Inc.	Bridge	<b>SP# H.008145.5</b>	<b>Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services</b> (Sub to HNTB)	\$219,878
G.E.C., Inc.	Bridge & Other	<b>SP# H.003074.5</b>	<b>Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA</b> Bridge (\$148,795) & Electrical (\$54,012)	\$202,807
G.E.C., Inc.	Bridge	<b>Contract# 4400010099</b> TO# H.012485.1 TO# H.092481.5	<b>Retainer Contract for Off-System Complex Bridge Load Rating</b> (Sub to Forte & Tablada) Rating of Off-system Bridge Structures Off-System Load Testing and Evaluation	\$19,056 \$14,800
G.E.C., Inc.	Bridge	<b>Contract# 4400025040</b> <b>SP H.015342</b>	<b>Infrastructure Investment and Jobs Acts (IIJA), Off-System Bridge Program, District 61</b>	\$50,000
G.E.C., Inc.	Other (Electrical)	<b>Contract# 4400011354</b> TO# H.013442.6 TO# H.013617.5 TO# H.014553.5 TO# H.014556.5 TO# H.014557.5 TO# H.013617.6 TO# H.014552.5	<b>IDIQ Contract for Electrical Statewide</b> I-10: Crowder Boulevard Interstate Lighting I-10: I-610E Interchange Lighting I-49: LA 3233 Interchange Lighting (Opelousas) (NOTE: Survey T.O. Work performed by GOTECH.) I-49: US 190 Interchange Lighting (Opelousas) (NOTE: Survey T.O. Work performed by GOTECH.) I-49: Judge Walsh Drive Interchange Lighting (Opelousas) (NOTE: Survey T.O. Work performed by GOTECH.) I-10: I-610E Interchange Lighting I-49: LA 31 Interchange Lighting (Opelousas)	\$47,103 \$37,334 N/A N/A N/A \$188,429 \$305,803

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
G.E.C., Inc.	Other (Electrical)	<b>SP# H.004774.5 &amp; H.007300.6</b>	<b>Kansas Lane - Garrett Road Connector and I-20 Improvements, Ouachita Parish</b> (Sub to Lazenby & Associates, Inc.)	\$43,083
G.E.C., Inc.	Other (Electrical)	<b>Contract# 4400005660</b> TO# H.012422.6 TO# H.012874.6	<b>Retainer Contract for Electrical Services</b> (Sub to Buchart-Horn) I-110 Interchange Modification at Terrace I-55: LA 22 Interstate Lighting	\$59 \$20,153
G.E.C., Inc.	CE&I/OV	<b>Contract# 440013710</b> TO# H.003014.6	<b>Retainer Contract for CE&amp;I, Statewide with the Majority of Work in District 03</b> I-10 Widening and Reconstruction (LA 37 to ATCR BR.) St. Martin and Lafayette Parishes	\$20,140
G.E.C., Inc.	CE&I/OV	<b>Contract# 4400023074</b> TO# H.010724.6 TO# H.012465.6 TO# H.010960.6 TO# H.014694.6	<b>IDIQ for CE&amp;I Services and Staff Augmentation, District 61</b> Pecan Island Road Over the Chenal, Pointe Coupee Parish Dist 61 Flashing Yellow Arrow Part 3 LA 30 Roundabouts at Tanger Mall and I-10 LA 426: LA 73 - Sherwood Forest	\$37,733 \$432,824 \$675,975 \$270,374
G.E.C., Inc.	CE&I/OV	<b>SP# H.011670.6</b>	<b>I-10/Loyola Interchange Improvements, Jefferson Parish</b>	\$444,244
G.E.C., Inc.	CE&I/OV	<b>Contract# 4400019950</b> TO# H.002735.6 TO# H.003003.6 TO# H.002151.6 TO# H.010601.6 TO# H.002868.6	<b>IDIQ for CE&amp;I, Statewide, with Majority of Work in District 03</b> Bayou Vermillion Bridge I-10: I-49 - LA 328 Bayou Parc Perdue and Creek Bridges I-10 Widening and Reconstruction (LA 328 - LA 347) I-49 S: Amb Caffery / US 90 Interchange	\$50,807 \$115,324 \$43,187 \$30,086 \$982,170
G.E.C., Inc.	CE&I/OV	<b>Contract# 440014315</b> TO# H.003370.6 TO# H.010000.6	<b>Retainer Contract for Painting Inspection &amp; Environmental Monitoring with CE&amp;I, Statewide</b> (Sub to GPI) I-220/I-20 Interchange IMP & BAFB Access US 171: Calcasieu River Bridge Repairs	\$8,926 \$180,583
G.E.C., Inc.	Other (DOTD Support Services)	<b>Contract# 4400017329</b>	<b>Retainer Contracts for Innovative Procurement and Alternative Delivery Support Services</b> (Sub to HNTB Corporation) <i>(No Task Orders Issued) (NOTE: No work expected for GEC under this Contract.)</i>	N/A

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
The Beta Group	CE&I	H.013866	I-12: LA 21 to US 190	\$0 (As needed services)
The Beta Group	CE&I	H.011752	Severn Avenue: Veterans to West Esplanade	\$10, 008.67
The Beta Group	CE&I/OV	H.012560	LA 23 Tunnel	\$3,508.01
The Beta Group	CE&I/OV	H.013114.6	Southern University Erosion & Road Improvement	\$816.75
The Beta Group	CE&I/OV	H.011845	St. John East Bank River Trail, Phase 4	\$5,110.15
The Beta Group	CE&I/OV	H.009471	Belle Chasse Bridge & Tunnel Replacement Project	\$279.13


## 20. Certifications/Licenses:

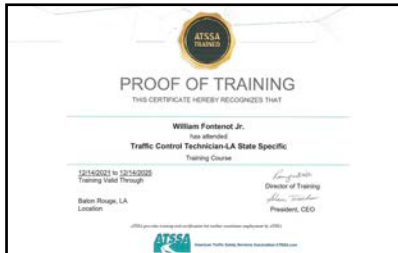
### Royal

Michael Pugh, P.E.

 <p>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p>	
<b>Mr. Michael Leon Pugh Jr.</b>	
License/Certificate Type - Number <b>PE.0030911</b>	Expiration Date <b>03/31/2024</b>
Status: <b>Active</b>	

William Fontenot, Jr., P.E.

 <p>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p>	
<b>Mr. William Dean Fontenot Jr.</b>	
License/Certificate Type - Number <b>PE.0041036</b>	Expiration Date <b>03/31/2023</b>
Status: <b>Active</b>	



Thomas L. Ervin  
Traffic Doc, LLC  
259 Evangeline Drive  
Mandeville, LA 70471-1894  
Phone 985-373-6534

December 17, 2021

To Whom It May Concern,


This is to verify that the below listed employee of Royal Engineers & Consultants has successfully completed ATSSA traffic control training courses in Baton Rouge, LA as described below:

LA Specific Traffic Control Technician (TCT) 12-14-21 - William Fontenot, Jr.  
LA Specific Traffic Control Supervisor (TCS) - 12-15/16-21 - William Fontenot, Jr.

This letter will serve as temporary proof of successful course completion until the above listed employee receives his official certificates from the American Traffic Safety Services Association (ATSSA).

The TCT course is equivalent to 8 PDH's and the TCS course is 16 PDH's.

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,  
  
Thomas L. "Tom" Ervin - ATSSA Master Instructor

Courtney Kall, P.E.

 <p>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p>	
<b>Mrs. Courtney Williams Kall</b>	
License/Certificate Type - Number <b>PE.0037306</b>	Expiration Date <b>03/31/2023</b>
Status: <b>Active</b>	



Carter O'Brien, P.E.

 <p>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</p>	
<b>Mr. Alec Carter O'Brien</b>	
License/Certificate Type - Number <b>PE.0043647</b>	Expiration Date <b>03/31/2024</b>
Status: <b>Active</b>	



Thomas L. Ervin  
Traffic Doc, LLC  
259 Evangeline Drive  
Mandeville, LA 70471-1894  
Phone 985-373-6534

Dec. 3, 2021


To Whom It May Concern,

This is to verify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-30-21 - Meghan Faherty, Ryan Schellhaas, & David Schneider  
LA Specific Traffic Control Supervisor (TCS) - 12-2-21 - Meghan Faherty, Ryan Schellhaas & David Schneider  
LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21 - Christopher Barthelemy & Alec O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,  
  
Thomas L. "Tom" Ervin - ATSSA Master Instructor

## 20. Certifications/Licenses:

### Royal

Katherine Foreman, P.E.



Ryan Hebert, P.E.



David Schroeder



Thomas L. Ervin  
Traffic Doc, LLC  
249 Evangeline Drive  
Mandeville, LA 70471-1894  
Phone 985-373-6534

Dec. 3, 2021

To Whom It May Concern,

This is to verify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-30-21 - Moaghan Faherty, Ryan Schellhaas, & David Schroeder

LA Specific Traffic Control Supervisor (TCS) - 12-2-21 - Moaghan Faherty, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21 - Christopher Barthelemy & Alec O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor

Ryan Schellhaas



Thomas L. Ervin  
Traffic Doc, LLC  
249 Evangeline Drive  
Mandeville, LA 70471-1894  
Phone 985-373-6534

Dec. 3, 2021

To Whom It May Concern,

This is to verify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-30-21 - Moaghan Faherty, Ryan Schellhaas, & David Schroeder

LA Specific Traffic Control Supervisor (TCS) - 12-2-21 - Moaghan Faherty, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21 - Christopher Barthelemy & Alec O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor





## 20. Certifications/Licenses:

### Royal

Lori Barrilleaux



Chad Albert



Carl McClurg



Meaghan Faherty



Thomas L. Ervin  
Traffic Doc, LLC  
249 Irvington Drive  
Mandeville, LA 70471-1894  
Phone 985-373-0534

Dec. 3, 2021

To Whom It May Concern,

This is to verify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:

LA Specific Traffic Control Technician (TCT) 11-30-21 - Meaghan Faherty, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor (TCS) - 12-2-21 - Meaghan Faherty, Ryan Schellhaas & David Schroeder

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21 - Christopher Barrilleaux & Alec O'Brien

This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

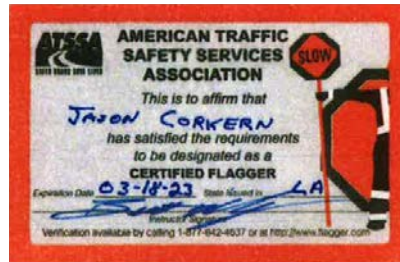
Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor

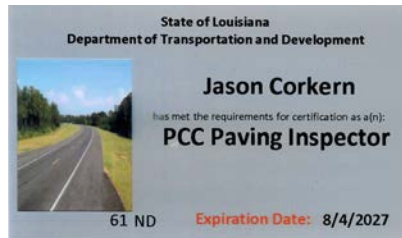
## 20. Certifications/Licenses:

### GEC

Jason Corkern



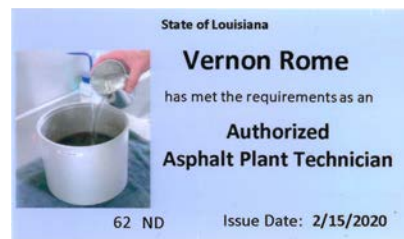
Marc Dunn



## 20. Certifications/Licenses:

### GEC

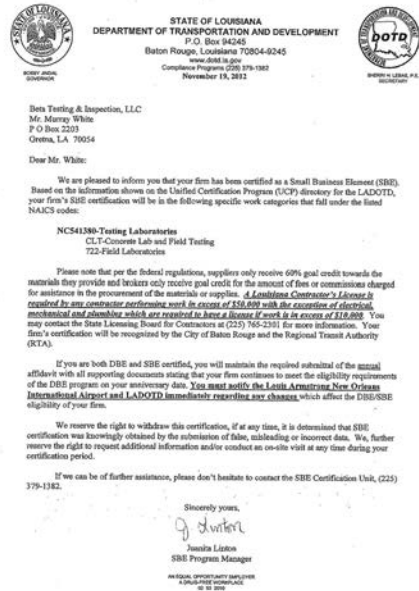
Vernon Rome





## 20. Certifications/Licenses:

### The Beta Group



US Army Corps of Engineers Materials Testing Center	
Lab	Cementitious Materials Facilities and Regulations CRD-G
Validation	Cost Capabilities Standards
Search Testing Lab Validation	
Validation Expiration Date:	05/01/2023
State:	LA
Search Testing Lab Validation:	The Beta Group Engineering and Construction Services, LLC - Gre
	1428 1/2 Claire Avenue
	Gretna LA 70053
	Mark A. Cheek
	mcheek@betagroupcc.com (504) 227-2273
Method Status	Method
Validated	Aggregate - C 29 - Unit Weight and Void in Aggregate
Validated	Aggregate - C 40 - Organic Impurities
Validated	Aggregate - D 75 - Sampling
Validated	Aggregate - C 117 - Material Finer than 75 µm (No. 200) Sieve
Validated	Aggregate - C 123 - Lightweight Particles
Validated	Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Validated	Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Validated	Aggregate - C 131 - Los Angeles Abrasion Resistance on Small-Size Coarse Aggregate
Validated	Aggregate - C 136 - Sieve Analysis of Aggregates
Validated	Aggregate - C 142 - Clay Lumps
Validated	Aggregate - E 329 - Standard Specification for Agencies Engaged in Construction Inspection
Validated	Aggregate - C 566 - Total Moisture Content
Validated	Aggregate - C 702 - Reducing Samples to Testing Size
Validated	Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Aggregate - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and
Validated	Aggregate - D 4791 - Flat and Elongated Particles in Coarse Aggregate
Validated	Bituminous - E 329 - Standard Specification for Agencies Engaged in Construction Inspection
Validated	Bituminous - D 979 - Sampling Bituminous Paving Mixtures
Validated	Bituminous - D 2726 - Bulk Specific Gravity and Density
Validated	Bituminous - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and
Validated	Concrete - C 31 - Making and Curing Test Specimens in the Field
Validated	Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Validated	Concrete - C 42 - Drilled Cores and Sawed Beams
Validated	Concrete - C 78 - Flexural Strength by Third Point Loading
Validated	Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Validated	Concrete - C 143 - Slump
Validated	Concrete - C 172 - Sampling
Validated	Concrete - C 173 - Air Content by Volumetric ***required if C231 not performed***
Validated	Concrete - C 174 - Concrete Thickness by Drilled Cores
Validated	Concrete - C 192 - Making and Curing Test Specimens in Laboratory
Validated	Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Validated	Concrete - E 329 - Standard Specification for Agencies Engaged in Construction Inspection
Validated	Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Validated	Concrete - C 617 - Capping Cylindrical Specimens
Validated	Concrete - C 805 - Rebound Number of Hardened Concrete
Validated	Concrete - C 1064 - Temperature of Concrete
Validated	Concrete - C 1074 - Estimating Concrete Strength by Maturity Method
Validated	Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Concrete - C 1202 - Electrical Indication of Concrete to Resist Chloride Ion
Validated	Concrete - C 1271 - Unfired Caps
Validated	Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Test
Validated	Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Validated	Soils - D 558 - Moisture Density of Soil-Cement
Validated	Soils - D 698 - Compaction Characteristics by Standard Effort
Validated	Soils - D 1540 - Material Finer than 75 µm (No. 200) Sieve
Validated	Soils - D 1556 - Density & Unit Weight by Sand Cone
Validated	Soils - D 1557 - Compaction Characteristics by Modified Effort
Validated	Soils - D 2216 - Water Content
Validated	Soils - D 2487 - Classification of Soils
Validated	Soils - D 2490 - Description & Identification of Soils (Visual Manual Procedure)
Validated	Soils - D 2740 - Soil and Rock Testing Standards (Quality Standards)
Validated	Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Validated	Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method

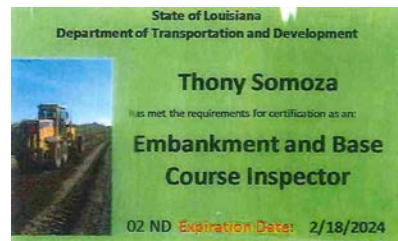
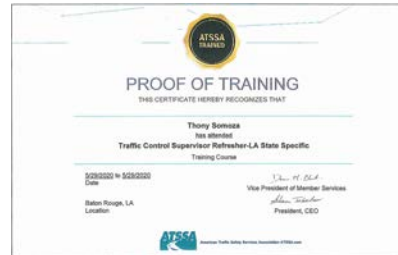
## 20. Certifications/Licenses:

### The Beta Group

Mariana Cure



Thony Somoza



21. QA/QC Plan and/or Work Plan:

**Page left blank in accordance with Section 21 directions.**

22. Subconsultant information:

<b>Firm Name</b> (as registered with Louisiana's Secretary of State)	<b>Address</b>	<b>Point of Contact and Email Address</b>	<b>Phone Number</b>
GEC, Inc.	8282 Goodwood Boulevard Baton Rouge, LA 70806	Brian Buckel, P.E. bbuckel@gecinc.com	225.612.3000
The Beta Group	1428 1/2 Claire Avenue Gretna, LA 70053	Mark Cheek, P.E., Vice President mcheek@betagroupgc.com	504.227.2273

23. Location:

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