

# ENTITY CONTRACT FOR S. TANGIPAHOA ROADS - PAVEMENT REHAB (CE&I)

CONTRACT NO. 4400023076  
STATE PROJECT NO. H.014048  
F.A.P. NO. H014048  
TANGIPAHOA PARISH

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**Submitted to**

Louisiana Department of Transportation and Development

**Submitted by**

Royal Engineers and Consultants, LLC

**Date**

December 9, 2021

## COVER LETTER

December 9, 2021

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

RE: CONTRACT NO. 4400023076  
ENTITY CONTRACT FOR S. TANGIPAHOA ROADS - PAVEMENT REHAB (CE&I)  
STATE PROJECT NO. H.014048  
F.A.P. NO. H014048  
TANGIPAHOA 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 S. Tangipahoa Roads – Pavement Rehab (CE&I). 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.

Royal is headquartered in New Orleans with offices throughout coastal Louisiana. We have strategically partnered with G.E.C., Inc. (GEC) 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 Tangipahoa Parish the full suite of construction engineering and inspection services required and confident we will surpass expectations.

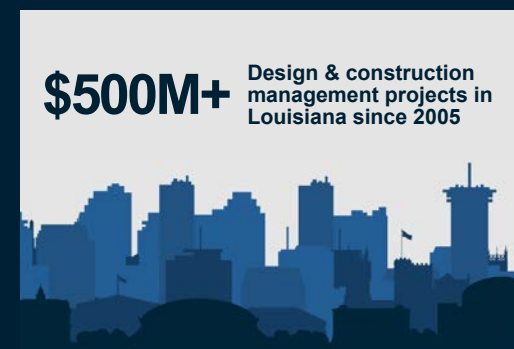
Royal's proposed team meets or exceeds the specified minimum requirements and is organized to meet the needed services described in Attachment A of the advertisement. The Royal Team's statement of qualifications contained herein is submitted in direct response to the referenced advertisement. It highlights 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 Tangipahoa 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](mailto:mpugh@royalengineering.net).

Sincerely,



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



**STANDARD FORM: 24-102**

# LADOTD FORM: 24-102


(Revised June 1, 2021)

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the LADOTD 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 LADOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE LADOTD 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 S. TANGIPAHOA ROADS - PAVEMENT REHAB (CE&I)
2. Contract number(s) as shown in the advertisement	4400023076
3. State Project Number(s), if shown in the advertisement	H.014048
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	4298 Elysian Fields Ave, Suite B New Orleans, Louisiana 70122
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	4298 Elysian Fields Ave, Suite B New Orleans, Louisiana 70122
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: December 9, 2021

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):  
N/A

Firm(s)' %:  
N/A

12. Past Performance Evaluation Discipline Table:

Evaluation Discipline(s)	% of Overall Contract	Royal (Prime)	GEC	Each Discipline Must Total to 100%
CE&I / OV	100%	60%	40%	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%	60%	40%	100%

13. Firm Size:

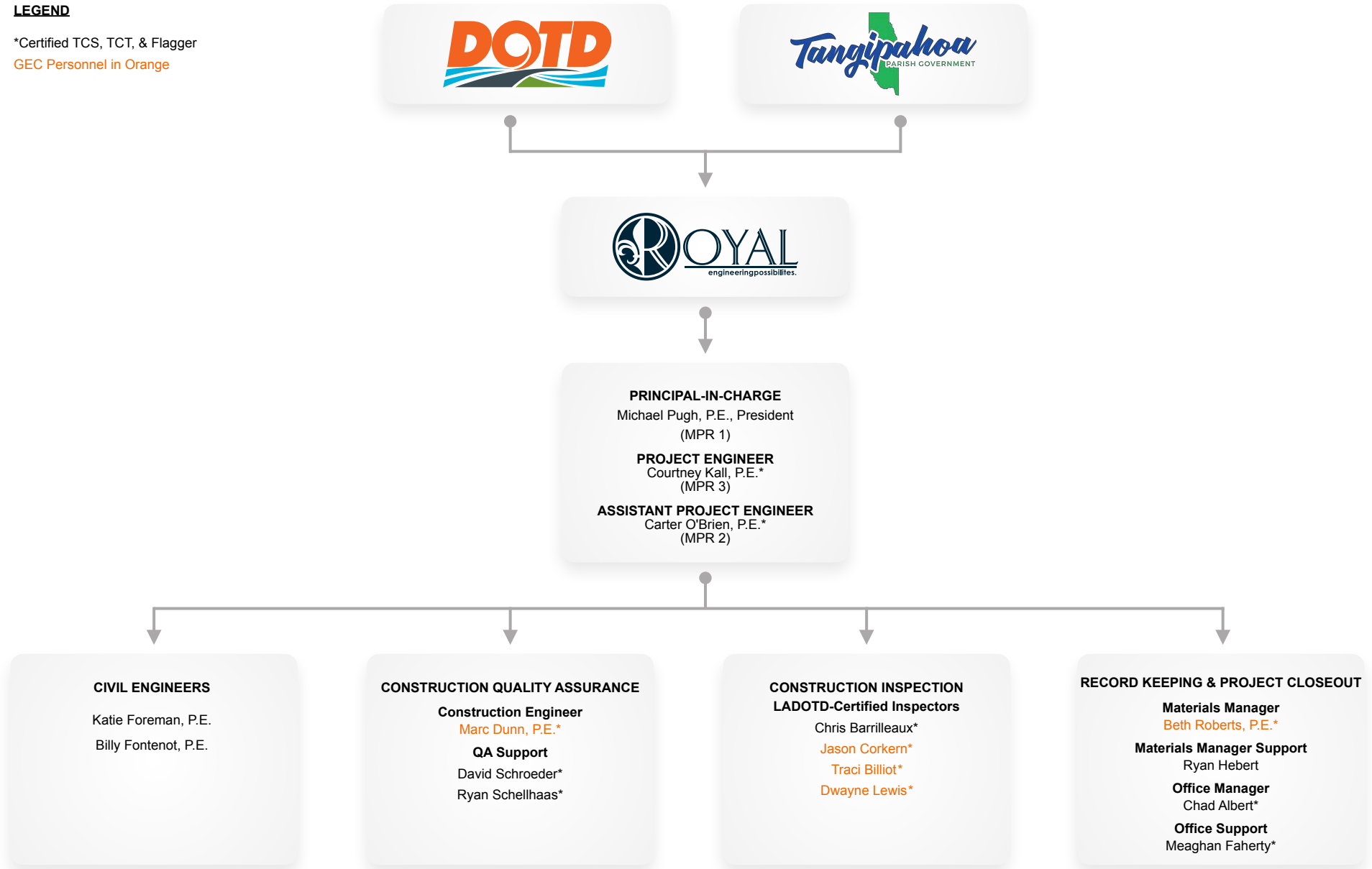
Firm Name	LADOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this LADOTD Job Classification (if needed)
Royal Engineers and Consultants, L.L.C.	Accountant	1	0
	Administrative	1	2
	CADD Operator	1	1
	Clerical	1	2
	Engineer	4	2
	Engineer Intern	1	1
	Inspector	0	2
	Inspector - Certified	1	0
	Project Office Manager	1	2
	Principal	1	0
	Supervisor - Other	1	1
G.E.C., Inc.	Engineer	2	0
	Inspector – Lead	2	0
	Inspector – Certified	1	0

## 14. Organizational Chart:

### LEGEND

\*Certified TCS, TCT, & Flagger

GEC Personnel in Orange





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	3-31-2022
2	Alec Carter O'Brien, P.E.	Royal	Professional Engineer / 43647	LA	3-31-2022
3	Courtney Kall, P.E.	Royal	Professional Engineer / 37306	LA	3-31-2023

## 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	16
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 / 3-21-2022		
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).		
20+ years of experience	Mr. Pugh has over 20 years of experience in design and construction management of roadway and drainage systems. He started up and 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.		
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, and closeout services.		
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, which involves 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure. On-time, on-budget contract delivery; client service management; and civil engineering and utility impacts SME were Mr. Pugh's primary duties.		
01/13-04/14	<b>CF INDUSTRIES RAILROAD: Donaldsonville, LA.</b> Principal-in-Charge responsible for engineering design and construction management services for a rail extension, several railroad crossings, and an asphalt road realignment at CF Industries' Donaldsonville Plant. The project includes the construction of approximately 1200 feet of new rail that crosses over existing asphalt and gravel roadways as well as an existing railway. Royal was contracted by GRSA Consultants and Engineers (GRSA) to conduct preliminary and final engineering design for the proposed rail line, for the realignment and resurfacing of the existing asphalt road, for the design of all required railroad crossings. Royal has also been contracted to provide construction management services during the construction of the project.		
11/10 - 08/11	<b>BLOSKI AVENUE EXTENSION: Belle Chasse, LA.</b> Principal in Charge 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 an asphalt roadway for 1300 feet and included the construction of stormwater drainage, sidewalks, concrete driveways, and solar street lighting. 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).		
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 provided to the Parish 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.		

## 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	<1
Title	Lead Project Manager	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 / 3-31-23
Year registered	2012	Discipline	Professional Engineer, Civil
Contract role(s)/brief description of responsibilities			Project Engineer / 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).		
13+ 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. Consistent with completing projects on schedule and within budget. Exceptional organizational skills. Strong communication skills and ability to problem solve as conflicts arise. Career has focused primarily on serving municipal clients. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger		
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.		
10/11 - 04/21	<p><b>HURRICANE KATRINA RECOVERY PROGRAM: St. Bernard Parish, LA.</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.</p> <p><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 (<b>12/11-04/14</b>); SBPG RD 2012-102, construction cost \$9.6M (<b>04/14-10/17</b>); and SBPG RD 2012-103, construction cost \$3.2M (<b>06/14-06/16</b>).</p> <p>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.</p>		
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.		
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	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 / 3-31-2022
Year registered	2019	Discipline	Professional Engineer, Civil
Contract role(s)/brief description of responsibilities			Assistant Project Engineer / MPR 2
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		
11/19 - 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 the nearly \$2 Billion FEMA Recovery Roads Program. Mr. O'Brien is responsible for overseeing contractors during construction; ensuring the project specifications and plans are being followed. Mr. O'Brien reviews monthly invoices, manages in house resident inspectors, prepares, and reviews project change orders, coordinates and reviews project material testing results.		
04/18 - 02/20	<b>ST. GABRIEL IMPROVEMENT - 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.		
04/18 - 02/19	<b>H.010352 LA 442: TANGIPAHOA RIVER BRIDGE REPLACEMENT: Tickfaw, LA.</b> As 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. Also included with this project is review and approval of each monthly update of the schedule and providing the owner (DOTD) with adequate and informed information in case of litigation, disputes or requested change orders.		
04/18 - 08/18	<b>H.009597 1-10: W PEARL RIVER: Baton Rouge, LA.</b> 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.		
07/16 - 07/18	<b>H.011503: I-10 TWIN SPANS ITS: Orleans and St. Tammany Parish, LA.</b> – As Construction Engineer responsibilities included responding to RFI's throughout construction, providing LADOTD with suggested solutions to RFI's, 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-builds, survey site layout, correspondence, 2059, and all LADOTD required project documentation and submitted to the state.		
12/15 - 06/16	<b>H.001491.6; LA 20 (North Canal Blvd.) Widening in Lafourche Parish.</b> 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-builds.		

## 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	6
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 / 3-31-2022
Year registered	2021	Discipline	Professional Engineer, Civil
Contract role(s)/brief description of responsibilities			Civil 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).		
6 years of experience	Ms. Foreman has six 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.		
08/20 - ongoing	<b>INDIAN CREEK LOW WATER CROSSING: Fort Polk, LA.</b> Project Manager – Project Manager for the Royal 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.		
04/18 - 10/20	<b>CNO STREET REPAIR – LEONTINE, VALMONT, CAMP, AND CHESTNUT: New Orleans, LA.</b> Engineer Intern and Project Manager – 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 of New Orleans, Louisiana. 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 for layout and size the proposed curb and gutter drainage system and coordinating preparation of AutoCAD drawings for Preliminary and Final Plans.		
11/16 - 02/18	<b>CITY OF YOUNGSVILLE NEW ROAD: Youngsville, LA.</b> Engineer Intern – 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 1000 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.		
08/15 - 10/20	<b>POLLY LANE EXTENSION: Lafayette, LA.</b> Engineer Intern and Project Manager – 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 with 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, and providing engineering support during construction. As Project Manager, Ms. Foreman was responsible for invoicing, deliverables, scheduling, resourcing, and client coordination.		

## 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
Active registration number / state / expiration date			41036 / LA / 3-31-2023
Year registered	2016	Discipline	Professional Engineer, Civil
Contract role(s)/brief description of responsibilities			Civil 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).		
8+ years of experience	Mr. Fontenot has more than eight 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.		
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, LADOTD 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.		
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.		
06/12 - 07/16	<b>I-10 LAKE PONTCHARTRAIN BRIDGE DECK PATCHING &amp; GIRDER PAINTING: New Orleans, LA.</b> 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.		

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.		
Name	Marc Dunn, PE	Years of relevant experience with this employer	7
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 / 03-31-2022
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).		
11 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 SiteManager, developing LPA project plans and understanding of LADOTD specifications. Mr. Dunn has experience with collection of street condition data utilizing the PASER rating method and QuickCapture program. <b>Certifications:</b> ATSSA TCS, ATSSA Flagger		
2014-2019	<b>SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA.</b> Engineer - 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 Mr. Maurin 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)		
05/15-Present	<b>H.009479 / WEST LAROSE VERTICAL LIFT SPAN BRIDGE REHABILITATION: Larose, LA.</b> Engineer – 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.		
11/16	<b>BATON ROUGE ITS DEPLOYMENT (PHASE 3): Ascension, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge Parishes, LA.</b> Engineer Intern – 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.		
07/19-Present	<b>H.011670 / I-10 LOYOLA INTERCHANGE IMPROVEMENT, DESIGN-BUILD PROJECT:</b> Jefferson Parish, LA. Assistant Project Engineer: 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.		



## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.		
Name	David Schroeder	Years of relevant experience with this employer	13
Title	Director of Construction Operations	Years of relevant experience with other employer(s)	18
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	Quality Assurance 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).		
30+ years of experience	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. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger		
11/19 - ongoing	<b>FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA.</b> 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.		
03/07 - 10/09	<b>ROADWAY RESTORATION PROJECT: St. Bernard Parish, LA.</b> 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.		
11/11 - present	<b>ST. BERNARD PARISH BRIDGE DESIGN/CANAL CROSSINGS: St. Bernard Parish, LA.</b> 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.		
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		
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.		



## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.		
Name	Ryan Schellhaas	Years of relevant experience with this employer	8
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			Quality Assurance 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).		
8 years of experience	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. Survey work has included levee and lagoon systems. Inspection and management experience include construction operations of catch basin cleaning, asphalt and pavement patching, ADA compliance, street light management and water and sewer line repairs. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger; Certified USACE Construction Quality Management for Contractors		
11/19 - ongoing	<b>FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA.</b> 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.		
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.		
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.		
04/18 - 02/20	<b>ST. GABRIEL IMPROVEMENT - PHASE 5: 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.		

## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.		
Name	Chris Barrilleaux	Years of relevant experience with this employer	3
Title	Senior Inspector	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			AAS / 2015 / Civil Engineering Technology and Project Management AAS / 1997 / Paramedic CAD Certification / 2017
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).		
14 years of experience	Mr. Barrilleaux has over 14 years of experience in the construction industry consisting of Project Management, Operations, Materials Testing, Compliance Inspection, Team Building, Scheduling and Carpentry. His experience includes 7.5 years serving as a Projects Primary Inspector/Engineering Technician IV for the LADOTD. Through his education and career experiences, Mr. Barrilleaux has attained strong communication skills and the ability to lead through adversity, all of which have aided in his completion of countless projects on time and within budget. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger, Embankment & Base Course; Structural Concrete Inspection Certification; Asphalt Roadway Pavement Inspection Certification; Nuclear Density Device Authorization		
11/19 - ongoing	<b>FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA.</b> Quality Control Technician on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident QC 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. Barrilleaux is responsible for the oversight of contractors in the field, QC work product to project drawings/ specifications, schedule compliance, and site safety.		
09/19 - 03/20	<b>MAXPAVE ROADWAY PROGRAM: New Orleans, LA.</b> Quality Control Technician on the Royal team responsible for performing resident QC 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.		
12/09 - 08/17	<b>VARIOUS BRIDGE &amp; ROADWAY PROJECTS: Jefferson, LA.</b> Lead Primary Inspector/Engineering Technician IV for various projects, including several multimillion-dollar bridge and roadway projects. His responsibilities included managing and tracking material testing through complete projects; maintaining key client relationships; supporting and mentoring junior staff; and QA/QC Inspection of full civil construction projects.		

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.		
Name	Jason Corkern	Years of relevant experience with this employer	15
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			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	Mr. Corkern had nine years of experience in the private sector of roadway and bridge construction inspection, before joining GEC. Experience includes inspecting both small and large scale projects. Mr. Corkern started with GEC as a Customer Service Representative assisting Hurricane Katrina victims acquire temporary housing. He was responsible for drawing site plans and locating utilities and commercial and residential property prior to trailer delivery. He was also responsible for inspection of electrical, sewer, propane and plumbing hook-ups, trailer installation, lease-in, maintenance and quality control of installed FEMA trailers. Mr. Corkern later served as an Inspector for the TIMED Program for LADOTD on TIMED projects, responsible for quality assurance that contractor's work was completed and met LADOTD standards and specifications. Other responsibilities included tracking quantities and documentation by contractor. These project types ranged from new 4-lane construction and bridges to overlay and widening type projects. <b>Certifications:</b> Asphaltic Concrete Paving, Embankment & Base Course, PCC Paving, Structural Concrete, ATSSA TCS Refresher, ATSSA Flagger, C-3 Supervisor, C-5 Supervisor, Authorized Density Tester		
2008-05/20	<b>SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA.</b> Construction Inspector- Mr. Corkern has been an inspector on the Program for the past 12 years, serving as lead inspector for the past 4 years, 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 Assistant Project Engineer with weekly reports, pay estimates, & inspector coordination. He has performed inspection duties on projects as needed for setting forms and installing concrete for curb and gutter, sidewalk, driveways and installing detectable warnings for the handicapped per A.D.A. specs, embankment and base course work including spreading soil cement, performing density tests, asphalt overlays and PCC patching. He maintains all necessary documentation of activities including quantities, equipment and personnel and keeps projects within budget.		
05/20-Present	<b>H.011670 / I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Jefferson Parish, Louisiana.</b> Inspector - 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.		
05/13-09/14	<b>713-01-0044 / WOODLAKE BRIDGE OVER JONES CREEK: East Baton Rouge Parish, LA.</b> Inspector - 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.		
2016	<b>LA 70 Mississippi River Bridge, Phase II CE&amp;I, Painting Inspection, and Environmental Monitoring: St James Parish, LA.</b> Inspector- Mr. Corkern assisted in the construction inspection of the bridge rehabilitation and painting of the LA 70 Mississippi River Bridge. This project includes strengthen of steel members, repairing end dams and roadway joints and painting of the steel approaches.		

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.		
Name	Traci Billiot	Years of relevant experience with this employer	6
Title	Construction Inspector	Years of relevant experience with other employer(s)	13
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).		
19 years of experience	<p>Ms. Billiot has more than 19 years of progressive experience in the highway construction inspection field. Her professional history includes positions such as Engineer Technician at Louisiana Department of Transportation and Development. Her past experience includes Engineer Technician 5 at the LADOTD Covington Project. Ms. Billiot ran the asphalt plant for the Covington Construction gang for several years on numerous projects. She was the lead inspector on various highway construction projects, valued up to \$5M. She inspects, tests, and measures materials, products, and installations according to Louisiana highway specifications including documenting, filing, and maintaining records for quality assurance. Since joining GEC, she has run the St. Charles Parish Spillway Roadway Repair project and has worked on several Causeway projects, including the West Approaches and Nine Mile Point Project. She has comprehensive knowledge of SiteManager. <b>Certifications:</b> Asphaltic Concrete Paving, Embankment &amp; Base Course, Structural Concrete, Asphaltic Concrete Plant, ATSSA TCS Refresher, ATSSA Flagger, Nuclear Device Operator.</p>		
10/14-Present	<p><b>SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA.</b> Construction Inspection - Ms. Billiot is currently a lead inspector on the Program for concrete patching, base course repairs, milling and overlay, asphalt patching, curb and gutter replacement, and related work. She performs inspection &amp; QC of all aspects of the Contractor's work including, but not limited to, asphalt concrete overlay, soil cement and Portland Cement operations. She also provides asphalt plant inspection as needed and required by the sample contract requirements. Ms. Billiot is experienced with collection of street condition data utilizing the PASER rating method and QuickCapture program. Projects Ms. Billiot inspected under this program include: 15-02 H.010648 Acadian Thruway Project, 15-05 Brookstown, 16-13 Windsor, Ashley, N. Sherwood Estates, La Belle Aire, Forest Oaks, Ponderosa, 16-17 Corporate, Cedarcrest, and Foster, 16-01 H.011364 Goodwood Blvd., 16-10 H.011842 Choctaw Drive Pavement Preservation, 16-02 H.011363 Sherwood Blvd. (DPW Project No. 15-CEST-0001)</p>		
07/15-03/18	<p><b>706-99-0004 / REPAIRS &amp; REPLACEMENT OF THE 9-MILE TURNAROUND SPANS: St. Tammany and Jefferson Parishes, LA.</b> Construction Inspector- Ms. Billiot was the inspector on the pile driving and structural concrete placement for this \$2M project. She maintained all the SiteManager records and performed the sampling and testing for concrete placements on the decks.</p>		
09/20-06/21	<p><b>I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA.</b> Resident Inspector - GEC designed the replacement of a 5-span 100 feet long concrete slab span bridge over Reine Canal and 5-span 100 feet long slab span bridge with 30-degree skew over French Branch Canal. Ms. Billiot was the resident inspector for the ongoing construction.</p>		

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.		
Name	Dwayne Lewis	Years of relevant experience with this employer	6
Title	Construction Inspector	Years of relevant experience with other employer(s)	6
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).		
11 years of experience	Mr. Lewis has 12 years of experience providing construction inspection on State and local projects. <b>Certifications:</b> Structural Concrete, Asphaltic Concrete Plant, ATSSA TCS Refresher, ATSSA Flagger, Authorized Field Tester		
07/17-01/19	<b>SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA.</b> Construction Inspection - On an as needed basis, Mr. Lewis worked as an inspector for the EBR Street Rehabilitation Program. This inspection consists of asphalt paving, concrete patching and base course reconstruction. Mr. Lewis can provide Asphalt Plant Inspection as per the sample contract requirements. Projects Mr. Lewis inspected under this program include: 16-06 Arbor Walk. (DPW Project No. 15-CEST-0001)		
05/17-05/20	<b>H.003014 / I-10, LA 347 TO ATCHAFALAYA FLOODWAY BRIDGE ROUTE: St Martin Parish, LA.</b> Construction Inspector - This 3.436 mile, \$52M westbound I-10 widening includes total reconstruction of the existing lanes both east and westbound, and widening of 4 structures. As the prime, GEC is providing all construction inspection services, including the professional engineer and office manager duties. Mr. Lewis is providing 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, and related work.		
05/15-10/16	<b>H.003107 / I-10 FROM FRENCH BRANCH TO WEST PEARL RIVER, ROUTE I-10: LA.</b> Construction Inspector - Mr. Lewis was responsible for asphalt plant inspection consisting of testing and inspection of plant operations, daily density testing, asphaltic mix validation, and reports. (05/15-10/16)		
05/20-Present	<b>H.011670 / I-10/Loyola Interchange Improvements: Jefferson Parish, Louisiana.</b> Inspector - 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. Lewis serves as an inspector on the project.		

## 16. Staff Experience:

Firm employed by	G.E.C., Inc.		
Name	Beth Roberts, PE	Years of relevant experience with this employer	4
Title	Construction Engineer	Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization			BS / 1985 / Civil Engineering
Active registration number / state / expiration date			23630 / Louisiana / 03-31-2022
Year registered	1990	Discipline	Professional Engineer, Civil
Contract role(s)/brief description of responsibilities			Materials 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).		
36 years of experience	Ms. Roberts worked for LADOTD for 34 years prior to joining GEC in 2017. She provides oversight and guidance in the area of material sampling and testing for construction projects. As SiteManager Materials Administrator from 1985-2018, she managed the statewide software system in addition to holding various positions. She was responsible for implementation of the SiteManager system, including maintaining/revising all data in the database, training all users, providing user support, advising inspectors/project engineers/lab engineers/technicians on use of SiteManager's Laboratory Information Management System (LIMS), developing training manuals, and developing the SiteManager Materials Intranet page. She served on the AASHTO Materials Technical Review Team (TRT) for the AASHTO Materials Technical Advisory Group, reviewed materials-based AASHTO Ticketed Modification Requests (TMRs) that were submitted to revise SiteManager to make sure they do not adversely affect LADOTD's business processes in SiteManager, created TMRs in order to make changes to SiteManager to better fit LADOTD's business processes, reviewed all changes made to released versions of SiteManager, and recommended upgrading to a newer release. She tested new releases for errors prior to implementation.		
05/17-present	<b>H.003003 / I-10, LA 328 TO I-49 JCT.: Lafayette and St. Martin Parishes, LA.</b> Construction Engineer - Ms. Roberts provides oversight and guidance in the area of material sampling and testing, sampling plan creation and management, and 2059 file management on this large interstate widening project that includes constructing new roadway and reconstruction of existing pavement for about seven (7) miles. This project will also widen or replace eight (8) structures along the interstate.		
05/17-present	<b>H.003014 / I-10, LA 347 TO ATCHAFALAYA FLOODWAY BRIDGE ROUTE: St. Martin Parish, LA.</b> Construction Engineer - Ms. Roberts provides oversight and guidance in the area of material sampling and testing, sampling plan creation and management, and 2059 file management on this large interstate widening project that includes constructing new roadway and reconstruction of existing pavement for about four (4) miles. This project will also widen 2 structures and a portion of the westbound Atchafalaya Basin Floodway Bridge along the interstate.		
05/17-06/17	<b>H.002281 / BIG BAYOU SARA BRIDGE REHAB: LA.</b> Construction Engineer - Ms. Roberts provides oversight and guidance in the area of material sampling and testing, sampling plan creation and management, and 2059 file management for this project that involves the complete removal and disposal of existing coatings and total painting of all steel of five 102.5' long pony trusses and five 40' long steel girder spans, from Bent No. 1 (Station 923+13.97) to Bent No. 5 (Station 916+01.55), concrete deck replacement, approach slab replacement, and related earthwork.		
07/17-05/19	<b>H.009479 / WEST LAROSE VERTICAL LIFT SPAN BRIDGE REHABILITATION: Lafourche Parish, LA.</b> Construction Engineer - Ms. Roberts provided oversight and guidance of material sampling and testing, sampling plan creation and management, and 2059 file management for this project that consists of the rehabilitation of the entire movable bridge including: construction of a new fender system, concrete structural repair, steel girder repairs, bearing replacement, cleaning, head removal, painting, sealing cracks, bolt replacement, and updating electrical and mechanical equipment.		

## 16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.		
Name	Ryan Hebert, E.I.	Years of relevant experience with this employer	4
Title	Associate Inspector	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2017 / Environmental Engineering
Active registration number / state / expiration date			33737 / LA / 9-30-2022
Year registered	2018	Discipline	Engineer Intern
Contract role(s)/brief description of responsibilities			Materials Manager 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).		
4 years of experience	Mr. Hebert is an engineer intern 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.		
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.		
02/18-ongoing	<b>CITY-WIDE CONSTRUCTION ADMINISTRATION AND RESIDENT INSPECTION SERVICES: New Orleans, LA.</b> Associated 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 roadways 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.		
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.		
03/17-08/18	<b>PAVEMENT RESTORATION: New Orleans, LA.</b> Mr. Hebert is an associate Inspector and assistant project manager of the pavement restoration project for the City of New Orleans. The design consists 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 is responsible for quality assurance and control of all information captured in the field and work order development.		



## 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	Office 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	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. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger		
08/21-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. 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.		
02/19-8/21	<b>OPERATIONS MANAGER FOR VARIOUS PROJECTS: Statewide.</b> 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 LA 46:</b> LA 39 – St. Bernard; H.009804 Kenner S. Williams Streetscape; <b>H.013746</b> US 90 I-10 Service Road – LA 39		
08/11-02/19	<b>PROJECT MANAGER AND ESTIMATOR FOR VARIOUS PROJECTS: Statewide.</b> 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&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 & 2; <b>H.004730</b> US 61/90(Tulane): Claiborne-Carrolton; <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); H.007211.6 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		
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, RFI's, 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.		



## 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			AD   Construction Management BS   Marketing
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s)/brief description of responsibilities			Office 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).		
6 years of experience	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. <b>Certifications:</b> Traffic Control Supervisor, Traffic Control Technician, Certified Flagger		
11/19 - 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 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.		
10/20 - 11/20	<b>CLARENCE HENRY TRUCKWAY TURNAROUND PAVEMENT REHABILITATION, New Orleans, LA.</b> 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.		
09/19 - 03/20	<b>MAXPAVE ROADWAY PROGRAM: New Orleans, LA.</b> 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.		

## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	FEMA Roadway Restoration Program	Firm responsibility (prime or sub?)	Prime
Project number	P-2020-08-01	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 504.658.8000, jwhartley@nola.gov
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost (\$1,000's)	\$5,300
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$3,445

Royal is 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.

Construction Management and Administration Deliverables include document control management, statistics reports, weekly progress dashboards, construction submittal management, progress reports, daily, weekly & monthly reports, schedules, monthly pay request approvals, invoice management reports, trend/issues management reports/ corrective action reports, field quality assurance plans & reports, as-built drawings, and closeout documents/warranty/operations manual. Resident Inspection services included resident construction inspection and oversight.

Specific duties for the Resident Inspectors (RI) include observing construction at all times the contractor is working on critical work items, ensuring work does not adversely affect utilities, adjacent areas and/or property, etc., Inspect, measure and appropriately track (eligible) work completed for payment requests, Prepare daily field reports, and/or field books, Photograph and/or document work progress, Pre & Post Inspection Detailed Reports & Photo's, Document and coordinate with DPW for unforeseen items encountered during construction, Prepare memorandums or documentation required for field changes, Verify contractor providing adequate traffic control and site safety procedures, and Prepare incident reports.

### Key Personnel:

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



## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	MaxPave Roadway Program	Firm responsibility (prime or sub?)	Prime
Project number	P-2016-23-28	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 504.658.8000, jwhartley@nola.gov
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost (\$1,000's)	\$791
Services completed by this firm (mm/yy)	03/20	Cost of consultant services provided by this firm (\$1,000's)	\$704

Royal was hired to provide Interagency Coordination, Project Management, Contract Administration, Construction Management, and Assessment and Resident Inspection services for the citywide "MaxPave" Program, a collective effort between DPW and The Sewerage & Water Board of New Orleans (SWBNO) to address a significant backlog of open service cuts throughout the city as a result of ongoing utility repairs by the SWBNO.

The SWBNO performs 50 to 75 new service cuts weekly to perform point repairs and other utility repairs to the City's aging sewer and water infrastructure. As a result of this high volume of service cuts and due to budgetary constraints faced by SWBNO, a significant backlog of open, unpaved sites has developed throughout the entire city. To address this problem, DPW agreed to provide the SWBNO with \$6.5MM in funding to tackle the outstanding backlog. 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.

Royal's role included:

- Interagency Coordination: Royal coordinated efforts with SWBNO and DPW to ensure the proper delivery of data of all existing sites in the backlog. Royal did a quality control assessment to eliminate duplicate work orders to ensure that all backlog data was accurate and reliable.
- Project Management: Royal divided the work orders into 4 Areas based on location within the city.
- Engineering and Assessments: The Royal team assessed every legitimate work order to determine current conditions and produced cost estimates for repair.
- Contract Administration: The Royal Team was responsible for coordinating with DPW's maintenance contractor to ensure the client's expectations could be met in time and under budget. This included the management of accurate and timely contractor invoices to DPW.
- Construction Management and Resident Inspection: The Royal Team coordinated, and distributed task orders based on the geographical location of work orders, minimizing mobilization costs while also being sensitive to potential disruption to the surrounding public. The team also provided resident inspection services.

### Key Personnel:

Michael Pugh, Carter O'Brien, David Schroeder, Ryan Schellhaas, Ryan Hebert



## 17. Firm Experience:

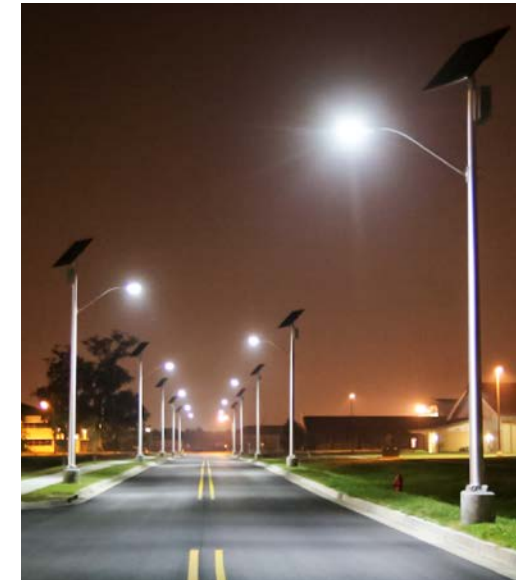
Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Bloski Avenue Extension	Firm responsibility (prime or sub?)	Prime
Project number	P-2010-16	Owner's name	United States Navy – Naval Facilities Engineering Command South East
Project location	Belle Chasse, LA	Owner's Project Manager	Henry Cambum
Owner's address, phone, email			400 Russell Dr, New Orleans, LA 70143 504.678.2882, henry.cambum1@navy.mil
Services commenced by this firm (mm/yy)	11/10	Total consultant contract cost (\$1,000's)	\$1,751
Services completed by this firm (mm/yy)	06/11	Cost of consultant services provided by this firm (\$1,000's)	\$1,751

The United States Navy – Naval Facilities Engineering Command South East (NAVFAC), has contracted Royal 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, to tie into Rinard Avenue. Royal began this project by estimating the total cost of construction, and then performing value engineering for the project. Royal's value engineering efforts reduced the total project price by approximately \$800,000, and reduced the project's duration by 50 days. Royal's end result was a superior roadway design, with improved solar LED street lighting that could be put into service quickly, with a greatly reduced price tag.

South Louisiana soils present construction challenges unique to the region, Bloski Avenue presented some of those challenges. Once construction operations were well under way, Royal determined that the area contained large amounts of unsuitable materials which could not be built upon. Royal quickly addressed the problem and designed a cost effective solution, which was performed without substantial project delays. The solution ensures that the roadway will provide dependable performance throughout its lifespan and not develop failures or potholed areas due to unsuitable bearing capacity.

As the prime contractor, Royal was able to provide direct project oversight and supervision to ensure the highest quality product to NAVFAC. The project consisted of clearing and grubbing of the entire worksite, installation and maintenance of temporary vehicle access, environmental controls, and general site conditions. Royal conducted cut and fill operations, installed storm water drainage, offset conflicting utilities, and placed and compacted road base prior to placement of asphalt paving. Final site work included construction of 1300' of concrete sidewalk, installation of 15 solar LED streetlights, pavement striping, installation of traffic signage, and seeding, sodding and landscaping of entire project site.

**Key Personnel:** Michael Pugh, David Schroeder



## 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

The scope of the construction was to setup a detour, cold plane (mill), overlay (2" wearing and 4" binder), and restripe 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.

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.

- 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

### Key Personnel:

Michael Pugh, Carter O'Brien, David Schroeder, Ryan Schellhaas, Meaghan Faherty





## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Roadway Restoration Program	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Bernard Parish Government
Project location	St. Bernard, LA	Owner's Project Manager	Michael Dorris, Jr.
Owner's address, phone, email			8201 W Judge Perez Drive, Chalmette, LA 70043 504.810.3964, mdorris@delsol-consulting.com
Services commenced by this firm (mm/yy)	03/07	Total consultant contract cost (\$1,000's)	\$47,000
Services completed by this firm (mm/yy)	01/20	Cost of consultant services provided by this firm (\$1,000's)	\$47,000

This project marked the first of several design-bid-build project delivery methods for post Hurricane Katrina FEMA funded recovery work in St. Bernard Parish (SBP). Royal was contracted to engineer, design, and provide construction management (CM) services for all Parish roads located in these zones. 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. This project was limited to Parish roadways and did not include State and Federal Roadways. Royal's initial responsibilities were to perform an inventory of all damaged roadways and associated infrastructure and produce a reconnaissance report to FEMA on behalf of SBP.

**Preconstruction Services:** Royal's engineering and CM responsibilities during the Preconstruction phase consisted of planning and coordination with the general contractor (GC), starting with a Preconstruction meeting with all project associated personnel and followed by a technical review of all proposed construction material submittals by the GC to verify as sufficient according to the plans and specs.

**Construction Services:** During construction, Royal's project team consisted of two major components; 1. Office Management (OM) Team, and 2. Field Management (FM) Team. The OM team was led by the Project Manager (PM). The FM team was led by the Senior Construction Manager (SCM). Royal's customary use of the critical path and earned value management systems allowed the PM and team to ensure that the key issues of cost, time, quality, and above all, client satisfaction, were realized. The OM team was responsible for monitoring and controlling the schedule and budget and providing monthly status updates. Monthly progress meetings were established to review to determine ways of compressing the construction schedule by fast-tracking or crashing to meet major milestones and work order completion dates, avoiding the enforcement of liquidated damages.

**Project Closeout:** Because of its critical importance, Royal plans for closeouts from the beginning. Royal's OM team developed a data matrix that structured the sequence and items required during closeouts, identified by the parties responsible and deliverable dates. The PM monitored the accounting adjustments from change orders and amendments by keeping an organized log in preparation for the final schedule of values that was produced at project completion. Royal's OM team gathered all closeout documentation from the GC and developed a final change order to account for the statement of cost underruns.

**Key Personnel:** Michael Pugh, David Schroeder, Ryan Schellhaas



## 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	P-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 including 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



## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Magnolia Converted Ped Bridge Rehabilitation	Firm responsibility (prime or sub?)	Prime
Project number	H.009938	Owner's name	LADOTD
Project location	New Orleans, LA	Owner's Project Manager	Justin Guilbeau
Owner's address, phone, email			PO Box 9180 Bridge City, LA 70096 504.253.6100, justin.guilbeau@la.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

The project consisted of rehabilitating the Magnolia Bridge which crosses Bayou St. John at Harding Drive in Orleans Parish. The work will entail grading, base course, asphalt, steel rehabilitation (cleaning & painting), sheet pile installation and associated work to construct the subject project according to construction documents.

Royal provided Construction Administration and Resident Inspection Services for the restoration work. Royal provided construction management 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 construction management & administration activities, document control, facilitation of pre-construction 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 request 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, and 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 appropriately 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 of memorandums or 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	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Polly Lane Extension	Firm responsibility (prime or sub?)	Prime
Project number	P-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)	\$630
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$358

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. 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, subsurface drainage, traffic circle, concrete box culvert in Issac Verot Coulee Lateral 7, articulating block matting for scour protection, sidewalks, and street lighting.

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 406 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-need 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, 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 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 / OV
Project name	Roadway Restoration Project (Asphalt)	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Bernard Parish Government
Project location	St. Bernard Parish, LA	Owner's Project Manager	Michael Dorris, Jr.
Owner's address, phone, email			8201 W Judge Perez Drive, Chalmette, LA 70043 504.810.3964, mdorris@delsol-consulting.com
Services commenced by this firm (mm/yy)	2011	Total consultant contract cost (\$1,000's)	\$10,000
Services completed by this firm (mm/yy)	12/12	Cost of consultant services provided by this firm (\$1,000's)	\$10,000

This project is an extension to the original roadway restoration projects. Royal's contract with St. Bernard Parish (SBP) was amended to include additional scope of work to perform civil engineering, design, and construction management services. Specifically, Royal was tasked to produce one set of construction contract documents and bid packages for a \$10MM asphalt contract. By request of the Client, Royal compiled an asphalt roadway specific contract which consisted of roadway slab removal and replacement, base replacement, milling and overlay of asphalt, pavement patching of asphalt, concrete curb repairs, and sidewalk and driveway replacement that suffered damage in SBP during Hurricane Katrina and during the recovery process.

Royal provided Pre-Construction, Construction and Contract Management, Resident Inspection/Field Layout and Closeout services for the asphalt contract while concurrently managing ten separate roadway construction contracts in SBP. During the construction process, Royal closely worked with FEMA to ensure the any additional damages were captured and receive eligibility in order for the final product to exceed both Owner and resident expectations.



### Key Personnel:

Michael Pugh, David Schroeder, Ryan Schellhaas

## 17. Firm Experience:

Firm Name	Royal Engineers and Consultants, LLC	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	DPW Bond-Funded Projects	Firm responsibility (prime or sub?)	Prime
Project number	P-2016-23	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 504.658.8000, jwhartley@nola.gov
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000's)	\$1,700
Services completed by this firm (mm/yy)	10/20	Cost of consultant services provided by this firm (\$1,000's)	\$1,700

Royal is 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 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.

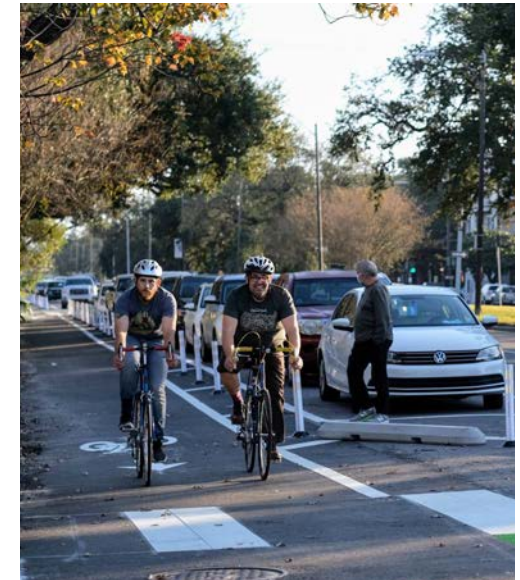
Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Staff includes on-site and backoffice support personnel including qualified Construction Managers and Resident Inspectors.

Construction Management and Administration Deliverables include Document Control Management statistics reports, Weekly Progress Dashboards, Construction Submittal Management progress reports, Daily, Weekly & Monthly Reports, Schedules, Monthly Pay Request Approvals, Invoice Management reports, Trend/Issues Management reports/Corrective Action Reports, Field Quality Assurance Plans & Reports, As-Built Drawings, and Closeout Documents/Warranty/ Operations Manual.

Resident inspection services include: resident construction inspection and oversight. Specific duties for the Resident Inspector (RI) included, but were not limited to Observe construction at all times the contractor is working on critical work items, Ensure work does not adversely affect utilities, adjacent areas and/or property, etc., Inspect, measure and appropriately track (eligible) work completed for payment requests, Prepare daily field reports, and/or field books, Photograph and/ or document work progress, Pre & Post Inspection Detailed Reports & Photo's, Document and coordinate with DPW for unforeseen items encountered during construction, Prepare memorandums or documentation required for field changes, Verify contractor providing adequate traffic control and site safety procedures, and Prepare incident reports.

### Key Personnel:

Michael Pugh, Carter O'Brien, 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	I-10 Widening, LA 328 to I-49	Firm responsibility (prime or sub?)	Prime
Project number	H.003003	Owner's name	LADOTD
Project location	St. Martin Parish, LA	Owner's Project Manager	Steve Draughon, PE
Owner's address, phone, email			428 Hugh Wallis Rd. Lafayette, LA 70508 337.262.6100, steve.draughon@la.gov
Services commenced by this firm (mm/yy)	02/17	Total consultant contract cost (\$1,000's)	\$4,216
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$3,055

This 7.118 mile, \$125 million I-10 widening project includes total reconstruction of the existing lanes, widening of 5 structures, and total replacement of one structure in Lafayette and St. Martin Parishes. As the prime firm, 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, drill shaft foundations, precast concrete piles, pre-stressed precast concrete girder span bridges, signing of the interstate, lighting, CCTV camera relocations, Weight- in-Motion (WIM), and related work.

### Key Personnel:

Brian Buckel, Stephen Spohrer, Ricky McCann, James Wheeler, Virginia Mitcham, Murphy Ledoux, Charles "Ricky" Villejoin, Brad Dill





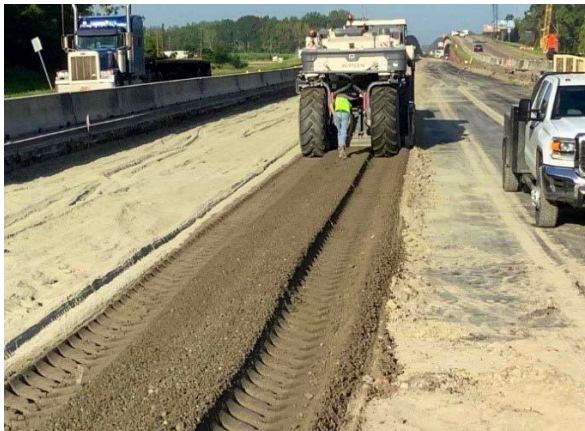
## 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-10 Widening, LA 347 to LA 328	Firm responsibility (prime or sub?)	Prime
Project number	H.010601	Owner's name	LADOTD
Project location	St. Martin Parish, LA	Owner's Project Manager	Chris Chavez
Owner's address, phone, email			428 Hugh Wallis Rd. Lafayette, LA 70508 337.262.6200, christopher.chavez@la.gov
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)	\$2,283
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,849

This 7.270 mile, \$87 million project to widen the eastbound and westbound lanes of I-10 includes total reconstruction of the existing lanes both east and westbound of I-10, widening the east and westbound I-10 with a 12-foot lane and 10 foot shoulders, removal of two I-10 structures over a Parish Road, construction of a new overpass over I-10, median barrier construction and related work in St. Martin Parish. As the prime, GEC is providing staff augmentation to the District for construction inspection services, including the professional engineer and material management. This project includes clearing and grubbing, median barrier, removal of bridges, drainage structures, subgrade layer, class II base course, asphaltic pavement, concrete pavement, precast concrete piles, pre-stressed precast concrete girder span bridges, signage, lighting, and related work.

### Key Personnel:

Brian Buckel, Stephen Spohrer, James White, Sandra Romero, **Beth Roberts**, Ricky McCann



## 17. Firm Experience:

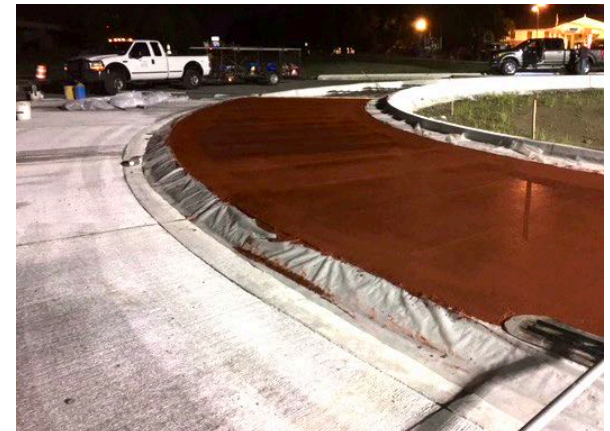
Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route	Firm responsibility (prime or sub?)	Prime
Project number	H.003014	Owner's name	LADOTD
Project location	St. Martin Parish, LA	Owner's Project Manager	Steve Draughon, PE
Owner's address, phone, email			428 Hugh Wallis Rd. Lafayette, LA 70508 337.262.6100, steve.draughon@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:

Brian Buckel, Stephen Spohrer, James Wheeler, James White, Ricky McCann, Murphy Ledoux, Virginia Mitcham





## 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	US 90 (Future I-49 South), LA 318 Interchange (OV)	Firm responsibility (prime or sub?)	Prime
Project number	H.004932	Owner's name	LADOTD
Project location	St. Mary Parish, LA	Owner's Project Manager	Tim Nickel, PE
Owner's address, phone, email			1201 Capitol Access Road, Baton Rouge, LA 225.379.1110, timothy.nickel@la.gov
Services commenced by this firm (mm/yy)	06/15	Total consultant contract cost (\$1,000's)	\$2,300
Services completed by this firm (mm/yy)	07/18	Cost of consultant services provided by this firm (\$1,000's)	\$2,300

GEC provided Owner Verification for Design-Build Project H.004932 LA 318, including the CE&I oversight of the Contractor's QA firm for compliance with base course, embankment, asphalt paving, and portland cement concrete paving. This included right-of-way purchasing, property relocations, utility relocations, contract administration, OV testing, OV inspection and other related operations. This \$58-million-dollar Design-Build project included constructing two overpasses on US 90 over LA 318, relocations of existing service roads, construction of new on and off ramps, utility relocations, right-of-way, relocation and environmental closing of a pond. The project also crossed two major pipe lines for which the team managed protection and coordination.

### Key Personnel:

Brian Buckel, Clarence "Neal" West, Stephen Spohrer, James White, Ricky Villejoin



## 17. Firm Experience:

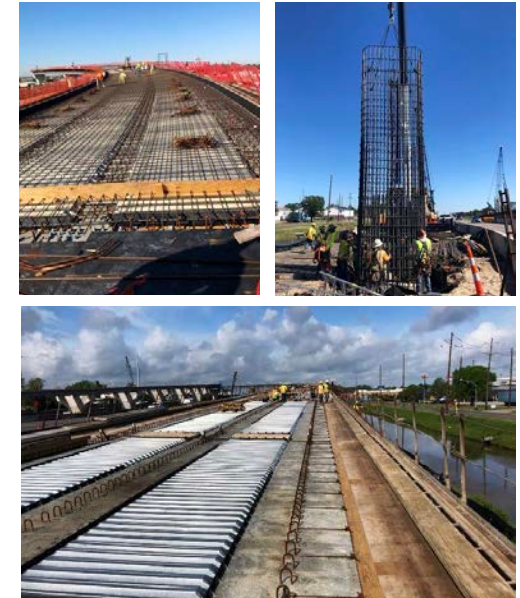
Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-10/Loyola Interchange Improvements (OV)	Firm responsibility (prime or sub?)	Prime
Project number	H.011670	Owner's name	LADOTD
Project location	Jefferson Parish, LA	Owner's Project Manager	Tim Nickel, PE
Owner's address, phone, email			1201 Capitol Access Road, Baton Rouge, LA 225.379.1110, timothy.nickel@la.gov
Services commenced by this firm (mm/yy)	07/19	Total consultant contract cost (\$1,000's)	\$4,423
Services completed by this firm (mm/yy)	07/23 (est.)	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 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, Stephen Spohrer, **Beth Roberts**, James Wheeler, Jerome Lohmann, Cary Bourgeois, **Dwayne Lewis**, Daniel Mayeux, **Jason Corkern**, Christopher Nipper, Thomas Swanson, Thomas Coerver, Jeffrey Robinson, **Marc Dunn**, Wayne Marchand





## 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. The contract calls for GEC to provide one project engineer, one senior chief inspector, and two chief inspectors. These inspectors must be certified by LADOTD 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: Brian Buckel, Roland Maurin, Kaitlyn Boudreaux, **Jason Corkern**, Daniel Mayeux, **Traci Billiot**, **Dwayne Lewis**, **Marc Dunn**



### 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Lafayette MPO Non State Pavement Markings	Firm responsibility (prime or sub?)	Prime
Project number	4400004729, H.007232	Owner's name	Lafayette Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Travis Smith
Owner's address, phone, email			705 W University Ave, Lafayette, LA 70506 337.291.8200
Services commenced by this firm (mm/yy)	02/16	Total consultant contract cost (\$1,000's)	\$1,063
Services completed by this firm (mm/yy)	11/16	Cost of consultant services provided by this firm (\$1,000's)	\$1,063

This entity CE&I Safety Project was assigned to GEC under our district-wide retainer contract. The project consisted of restriping non-state routes in various sites in Lafayette Parish. The project had time restrictions to avoid peak travel times between 7-9 AM and 4-6 PM with some routes being done at night. The project replaced edge lines, centerline markings, cross walks, stop bars, symbols, raised pavement markings and several intersections, along with one railroad crossing. All striping had to be replaced within 48 hours of removal. GEC provided the Project Engineer and our subconsultant provided the Office Manager and inspector on this \$1.1 M safety project.

Key Personnel:

Brian Buckel, Robert Mays



## 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	LCG Overlay Program	Firm responsibility (prime or sub?)	Prime
Project number	H.012304	Owner's name	Lafayette Consolidated Government
Project location	Various Roads in Lafayette Parish	Owner's Project Manager	Cory Dupuis
Owner's address, phone, email			1515 E. University Ave., Lafayette, LA 10502 337.291.8599, cdupuis@lafayettel.gov
Services commenced by this firm (mm/yy)	03/20	Total consultant contract cost (\$1,000's)	\$273
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$222

GEC is providing CE&I on this \$3.4M entity project which requires construction of drainage structures, milling asphalt concrete, pavement patching, in-place cement stabilized base course, lime treatment, asphalt concrete overlay and related work on seven various roads throughout Lafayette Parish. Our team is working with the Lafayette Consolidated Government along with the District as part of the CE&I Retainer contact.

Key Personnel: Brian Buckel, Brad Dill, Virginia Mitcham





### 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Prejean Road Pavement Preservation	Firm responsibility (prime or sub?)	Prime
Project number	H.012861	Owner's name	City of Carencro
Project location	Carencro, LA	Owner's Project Manager	Don Chauvin
Owner's address, phone, email			P.O. Drawer 10, Carencro, LA 70520 337.896.8481, Don Chauvin citymanager@carencro.org
Services commenced by this firm (mm/yy)	05/20	Total consultant contract cost (\$1,000's)	\$146
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$124

GEC is providing the CE&I on this \$407K project which required milling of asphaltic concrete, pavement patching, lime treatment, in-place cement stabilized base course, asphalt concrete overlay, and related work on this Lafayette Consolidated Government contact.

Key Personnel: Brian Buckel, Charles "Ricky" Villejoin



## 17. Firm Experience:

Firm Name	G.E.C., Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	I-10 Service Road Bridges	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Tammany Parish Government
Project location	Slidell, LA	Owner's Project Manager	Christopher Coervers
Owner's address, phone, email			21490 Koop Drive, Mandeville, LA 70471 985.898.2700
Services commenced by this firm (mm/yy)	11/18	Total consultant contract cost (\$1,000's)	\$248
Services completed by this firm (mm/yy)	06/21	Cost of consultant services provided by this firm (\$1,000's)	\$248

GEC designed improved drainage and upgrades to two bridges to meet current standards with increased life-span. For the project, part of a \$30M Bond Package, GEC completed preliminary and final plans with LRFR as-designed bridge rating for two (2) bridge sites in accordance with the LADOTD Bridge Design and Evaluation Manual on the I-10 Service Rd. in Slidell, Louisiana – one at Reine Canal and one at French Branch. GEC was responsible for the vertical alignment, proposed length of the bridges, placement of the new bridges, and guardrail design. GEC staff also designed the new roadway approaches to the new bridge and calculated quantities and estimated construction costs. GEC designed the mill and overlay of the entire roadway, along with calculating the associated quantities. In addition, GEC performed a hydrologic and hydraulic analysis, including viable drainage alternates for the site. The design was in compliance with the LADOTD Hydraulics Manual as modified by the LADOTD's Hydraulics Guidelines for Off-System Bridges. GEC provided all environmental and permitting services for Wetland permits (404 and Nationwide) and Section 10 permits from USACE, in addition to a Coastal Use Permit from Louisiana Department of Natural Resources. GEC provided construction engineering and inspection services for the reconstruction of the approach slabs, drainage improvements, and milling and overlay for the roadway between the structures. Construction was completed in summer 2021.

Key Personnel:

Brian Buckel, **Traci Billiot**



## 18. Approach and Methodology:

### SCOPE OF WORK

Once selected, **Royal Engineers and Consultants (Royal)** and our Subconsultant, **G.E.C., Inc. (GEC)**, will provide Construction Engineering and Inspection (CE&I) services for LADOTD Pavement Rehab work in Tangipahoa Parish. The construction scope appears to include base rehabilitation, patching, cold planing, and asphalt overlay. Royal and GEC have put together a team of Asphaltic Concrete and PCC Pavement certified inspectors with Embankment and Base Course certifications and Nuclear Device Operator (Density Testing) authorizations. Our team has access to several retired LADOTD Project Engineers and the Chief Construction Engineer, as well as several other certified inspectors. Our inspectors are proficient in SiteManager, know the LADOTD procedures and processes, have used Headlight and Material Manager.

Work will be performed in the following Phases:

Post award of contract to Royal:

- A. Royal will develop QA/QC plan for LADOTD acceptance within 10 business days of award.
- B. Royal will attend any necessary department software training courses (Headlight/SiteManager)
- C. If the LADOTD testing laboratory is unable to provide testing for the project needs Royal has worked with several testing labs familiar with and certified in LADOTD testing methods and can coordinate project testing upon award

Pre-Construction:

1. Preconstruction Meeting: Royal will coordinate and facilitate the Pre-Construction meeting.
2. During the meeting, the Notice to Proceed (NTP) date will be discussed and agreed upon by all parties.
3. Royal will issue NTP per the agreed upon date.
4. QA/QC plan will be developed for LADOTD acceptance.
5. Materials testing/field sampling plan will be developed.
6. Pre-construction submittals will be reviewed for compliance.
7. Review and respond to any pre-construction RFI's.
8. Coordinate with any utility companies that may have project impacts.

Active Construction:

#### *1. Inspection/Field*

- A. Royal and GEC will provide, as needed, LADOTD Certified Inspector(s) dependent upon project scope.
- B. The project's resident inspector(s) will inspect the contractor's operation daily to ensure that all work is performed in accordance with the specified plans, specifications, and approved materials.
- C. Royal and GEC's inspectors will provide detailed daily inspection reports with project pictures, quantify installed pay items, and update SiteManager daily. GEC's resident inspectors are currently utilizing LADOTD's Headlight on various projects and are familiar with its operation.
- D. Inspectors will document all required sampling and field testing.
- E. Contractor's traffic control plan(s) will be reviewed and monitored daily to ensure it follows MUTCD guidelines and adheres to project plans.

#### *2. Project Engineer(s)/Backoffice*

- A. Courtney Kall, P.E. will be the Project Engineer with Carter O'Brien, P.E. as the assistant Project Engineer. Both engineers have over 10 years of heavy civil construction management experience.
- B. Review for compliance all project submittals throughout the project.



## 18. Approach and Methodology:

- C. Royal will ensure RFI's are answered in a timely manner and that all pertinent information is adequately documented.
- D. Change Orders will be reviewed in accordance with LADOTD specifications; and once recommended for approval, will be routed through SiteManager for electronic signatures.
- E. Document Control: Royal will manage all pertinent project correspondence, RFI's, Change Orders, Submittals, releases, and other project documents to turn in with the closeout documents.
- F. Monthly Pay Estimates: fuel adjustments, time charges, monthly payroll review, and subcontractor payments will be reviewed and approved in SiteManager, as the project requires.
- G. Materials Manager: Beth Roberts (GEC) is highly trained in the LADOTD Manager Materials program and how it integrates with SiteManager. She will assure sample IDs and test results are maintained to meet LADOTD required formats and will assist the inspectors and Project Engineer in compiling and finalizing the 2059 materials Summary Report. During the life of the project, Royal will coordinate with local representatives and agencies as necessary to mitigate any issues.
- H. Contractor Claims: Our team will provide detailed records and track potential claims or disputes in the field maintaining time and material information in a force account format. Both Royal and GEC team members are experienced in providing expert witness testimonies regarding constructability issues and scheduling/CPM disputes.

### QAQC Plan:

- A. The project sampling plan developed during the preconstruction phase will be followed throughout the life of the project.
- B. If scope of work contains Asphalt or PCCP scope Royal and GEC's resident inspectors will ensure that lots are sampled per LADOTD specifications.
- C. Class 2 Base course will be tested in accordance with LADOTD specifications.
- D. All testing will be observed, photographed, and documented.
- E. All certificates of release, material certificates, and necessary field paperwork will be obtained and recorded throughout the project.

### Substantial Completion:

1. Final Inspection: Royal will coordinate a final walkthrough upon completion of all project bid items. The Project Engineer and Inspector will compile final punch list items for the Contractor to address.
2. Project Engineer will coordinate and obtain final project acceptance through all parties involved.

### Closeout:

After completion of the work, the project team will assemble all the required turn-in documents. Closeout documents will be submitted in accordance with LADOTD standard check lists. Royal and GEC are intimately familiar with the LADOTD closeout requirements:

- Final estimate (Zero sum)
- Change Orders with required signatures
- Certificates of Release
- Correspondence
- Weather and Working Day Report
- Construction Layout book
- As-Builds
- 2059



## 18. Approach and Methodology:



## Resources

### Streamlined Construction Management & Resident Inspection Services with Unparalleled Transparency

RoyalVUE offers clients transparency regarding the status and progress of the work in progress. RoyalVUE allows our clients to personally login to get "real time" status updates on their projects, which includes before and after pictures, notes on field observations, and written status updates based on the progress of the job. Clients can access project information tailored to their request in the form of custom dashboards and reports from both desktop and mobile devices with project information updated in real-time. RoyalVUE also allows us to build in and manage project exceptions, such as rain days or other legitimate delays, which serves as an accurate mediation tool in the event of a dispute. RoyalVUE also eliminates a significant amount of the invoice process as accurate invoices are electronically created in the field as the project progresses and closes out. RoyalVUE has proven in short order to be an ultimate value-added benefit to clients at no additional cost. The system is very agnostic; therefore, it can be transferred and used on other types of projects/programs that require a high level of QA/QC oversight and management.

### RoyalVUE Benefits Include

#### *Access to Process & Information, Anywhere, Anytime*

- Single interface for all users via mobile tablet or workstation

#### *Greater Control of Contractor Activities*

- interface data-driven workflows, alerts, escalations, and approval processes

#### *Complete Data & Quality*

- Native data entry validation rules & standard entry selections with exception flexibility

#### *Transparency Into Value Realized, Costs, & Risks*

- Dynamic dashboards, reports, & alerts to drive focus to exceptions

#### *Lower Cost of Delivery*

- Automation of manual processes, brute force heroics and non-value add activities

#### *Value-Added Experiences*

- Refocus of resources upon higher-value activities in delivering a better work product/service

## Pertinent Capabilities & Experience

- |  |   |  |
|--|---|--|
| ✓ Contract Development and Administration  | ✓ Cost Control and Analysis                                   | ✓ Quality Assurance and Quality Control Health |
| ✓ Contract Bidding, Negotiation, and Award | ✓ Contract Administration and Claims Management               | ✓ Technical Field Inspections                  |
| ✓ Project Scheduling and Monitoring        | ✓ Constructability Reviews, Value Engineering, and Estimating | ✓ Budget Management and Change Control         |

## 18. Approach and Methodology:

### CERTIFICATIONS

Royal and GEC's field staff have TCT and TCS Certifications. Royal and GEC's inspectors are certified in the following areas: Embankment and Base Course, Asphaltic Concrete Paving, PCC Paving, and Structural Concrete. In addition, all Certified Inspectors are Authorized Nuclear Device Operators for density testing.

\* = GEC Personnel

LADOTD Certifications	Engineers								Inspector			
	Michael Pugh	Alec "Carter" O'Brien	Courtney Kall	Billy Fontenot	Katie Foreman	Ryan Hebert	Marc Dunn*	Beth Roberts*	Chris Barrilleaux	Dwayne Lewis*	Jason Corkern*	Traci Billiot*
Traffic Control Supervisor		X	X				X		X	X	X	X
Traffic Control Technician		X	X				X		X	X	X	X
Flagger		X	X				X		X	X	X	X
Asphalt Paving									X		X	X
Embankment & Base Course									X		X	X
Structural Concrete									X	X	X	X
Portland Cement Concrete Paving											X	
Asphaltic Concrete Plant										X		X

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

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
G.E.C., Inc.	Planning	SP# 4400016958	Road Transfer Program Management, Statewide	1,864,291
G.E.C., Inc.	Road	SP# H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA	273,422
		SP# H.009087.5	Loyola Drive – Williams Blvd., Route I-10, Jefferson Parish, LA	N/A
G.E.C., Inc.	Other	Contract # 4400009327	Retainer for Intelligent Transportation Systems	
		TO# H.014512	Monroe Regional ITS Architecture Update	51,291
		TO# H.012381.5-1	Fiber Optic Mapping and Management	77,326
G.E.C., Inc.	Other	Contract # 4400009327	Retainer for Electrical Statewide	
		TO# H.12601.6	I-10: Read Boulevard Interstate Lighting	N/A
		TO# H.012381.5-1	I-10: Morrison Road Interstate Lighting	N/A
G.E.C., Inc.	Other	Contract # 4400011354	IDIQ Contract for Electrical Statewide	
		TO# H.013442.6	I-10: Crowder Boulevard Interstate Lighting	50,451
		TO# H.013617.5	I-610E Interchange Lighting	73,383
		TO# H.014552.5	I-49: LA 31 Interchange Lighting (Opelousas)	60,585

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
		TO# H.014553.5	I-49: LA 3233 Interchange Lighting (Opelousas)	48,825
		TO# H.012469.5	US 190: BRB-Navigation Light Replacement	33,238
		TO# H.014556.5	I-49: US 190 Interchange Lighting (Opelousas)	70,795
		TO# H.014557.5	I-49: Judge Walsh Drive Interchange Lighting (Opelousas)	52,485
<b>G.E.C., Inc.</b>	<b>Planning</b>	<b>SP# 4400016958</b>	<b>Road Transfer Program Management, Statewide</b>	<b>1,864,291</b>
<b>G.E.C., Inc.</b>	<b>Road</b>	<b>SP# H.003074.5</b>	<b>Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA</b>	<b>273,422</b>
		SP# H.009087.5	Loyola Drive – Williams Blvd., Route I-10, Jefferson Parish, LA	N/A
<b>G.E.C., Inc.</b>	<b>Other</b>	<b>Contract # 4400009327</b>	<b>Retainer for Intelligent Transportation Systems</b>	
		TO# H.014512	Monroe Regional ITS Architecture Update	51,291
		TO# H.012381.5-1	Fiber Optic Mapping and Management	77,326
<b>G.E.C., Inc.</b>	<b>Other</b>	<b>Contract # 4400009327</b>	<b>Retainer for Electrical Statewide</b>	
		TO# H.12601.6	I-10: Read Boulevard Interstate Lighting	N/A
		TO# H.012381.5-1	I-10: Morrison Road Interstate Lighting	N/A
<b>G.E.C., Inc.</b>	<b>Other</b>	<b>Contract # 4400011354</b>	<b>IDIQ Contract for Electrical Statewide</b>	
		TO# H.013442.6	I-10: Crowder Boulevard Interstate Lighting	50,451
		TO# H.013617.5	I-610E Interchange Lighting	73,383
		TO# H.014552.5	I-49: LA 31 Interchange Lighting (Opelousas)	60,585
		TO# H.014553.5	I-49: LA 3233 Interchange Lighting (Opelousas)	48,825

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
		TO# H.012469.5	US 190: BRB-Navigation Light Replacement	33,238
		TO# H.014556.5	I-49: US 190 Interchange Lighting (Opelousas)	70,795
G.E.C., Inc.	CE&I/OV	Contract # 4400003420	Retainer Contract for Construction Engineering and Inspection with Painting Inspection and Environmental Monitoring, Statewide	
		TO# H.003014.6	I-10 Widening at LA 347 Overpass	519
G.E.C., Inc.	CE&I/OV	Contract # 440013710	Retainer Contract for Construction Engineering and Inspection Services (CE&I), Statewide with the Majority of Work in District 03	
		TO# H.013442.6	I-10 Widening and Reconstruction (LA 37 to ATCR BR.) St. Martin and Lafayette Parishes	27,168
		TO# H.012304.6	Staff Augmentation Services for District 03 (LCG Road Overlay Program)	22,220
		TO# H.003003.6	Staff Augmentation Services for District 03 (E. JCT I-49 to LA 328)	N/A
		TO# H.010601.6	I-10 Widening and Reconstruction (LA 328 - LA 347)	468,347
		TO# H.012861	Prejean Road Pavement Preservation, Lafayette Parish	N/A
G.E.C., Inc.	CE&I/OV	Contract # 4400004729	Retainer Contract Contract for Construction Engineering Management and Staff Augmentation Services, District 03 - Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary and Vermilion Parishes	
		TO# H.004932.6	US 90 (future I-49 South), LA 318 Interchange @ US 90, St. Mary Parish	N/A
G.E.C., Inc.	CE&I/OV	Contract # 440017006 S.P. # H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	483,762
G.E.C., Inc.	CE&I/OV	Contract # 4400019950 S.P. # H.011670.6	IDIQ for Construction Engineering and Inspection Services (CE&I), Statewide, with Majority of Work in District 03	
		TO# H.002735.6	Bayou Vermillion Bridge	162,585
		TO# H.003003.6	I-10: I-49 - LA 328	49,303
		TO# H.002151.6	Bayou Parc Perdue and Creek Bridges	280,077
G.E.C., Inc.	Bridge	Contract # 4400010099	Retainer Contract for Off-System Complex Bridge Load Rating, Statewide (Sub to Forte & Tablada)	

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
		TO# H.012485.1	Rating of Off-system Bridge Structures	19,056
G.E.C., Inc.	Other	Contract # 4400010428 S.P. # H.004774.5 & H.007300.6	Kansas Lane - Garrett Road Connector and I-I-20 Improvements, Ouachita Parish (Sub to Lazenby & Associates, Inc.)	8,934
G.E.C., Inc.	Other	Contract # 4400005660	Retainer Contract for Electrical Services (Sub to Buchart-Horn)	
		TO# H.012404.6	I-10 Off Ramps at LA 182	N/A
		TO# H.012422.6	I-110 Interchange Modification at Terrace	59
		TO# H.012874.6	I:55: LA 22 Interstate Lighting	22,073
G.E.C., Inc.	CE&I/OV	Contract # 440005410	Retainer Contract for Construction Engineering and Inspection with Painting Inspection and Environmental Monitoring, Statewide (Sub to GPI Southeast, Inc.)	
		TO# H.009479.6	W. Larose Vertical Lift Bridge Rehab., Route LA 1	N/A
		TO# H.002281.6	Big Bayou Sara Bridge Rehab	N/A
		TO# H.012343.6-1	LA 70 Mississippi River Bridge Phase III	180,067
G.E.C., Inc.	CE&I/OV	Contract # 4400006762	Retainer Contract for Painting Inspection and Environmental Monitoring (CE&I), Statewide (Sub to GPI Southeast, Inc.)	
		TO# H.011766.6	District 05 Bridge Painting and Miscellaneous Repairs	N/A
		TO# H.011484.6-1	Red River BR Texas St. Rehabilitation	20,243
		TO# H.012739.6	I-20 Mississippi River Bridge at Vicksburg	26,892
G.E.C., Inc.	CE&I/OV	Contract # 440014315	Retainer Contract for Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection, Statewide (Sub to GPI Southeast, Inc.)	
		TO# H.003370.6	1-220/1-20 Interchange IMP & BAFB Access	198,044
		TO# H.010000.6	US 1 71 : Calcasieu River Bridge Repairs (HB I)	217,591
G.E.C., Inc.	Road Bridge	Contract # 4400004128 SP# H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange), Lafayette Parish (Sub to Stantec)	1,026,980


19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
G.E.C., Inc.	CE&I/OV	Contract # 4400004631	Retainer Contract for Construction Engineering Management and Staff Augmentation Services, District 62 - Livingston, St. Helena, St. John, St. Tammany, Tangipahoa and Washington Parishes (Sub to Volkert, Inc.)	
		TO# H.010558.6	I-12 Widening W. Satsuma - Satsuma Ramp, Livingston Parish	143,000
G.E.C., Inc.	CE&I/OV	Contract # 4400004915	Retainer Contract for Design-Build and Other Alternative Delivery Support Services, Statewide (Sub to Volkert, Inc.)	
		TO# H.010620	U.S. 90 Widening, (Albertsons Pkwy to Ambassador Caffery) Route US 90, Lafayette	8,520
G.E.C., Inc.	CE&I/OV	Contract # 4400005030	Retainer Contracts for Design-Build and Other Alternative Delivery Support Services, Statewide (Sub to HNTB Corporation)	12,752
G.E.C., Inc.	Bridge	SP# H.008145.5, FAP# H008145	Leeville to Golden Meadow (Phase 2) Route LA 1 Relocated (Sub to HNTB)	N/A
G.E.C., Inc.	CE&I/OV	Contract # 4400017329 (No Task Orders Issued)	Retainer Contracts for Innovative Procurement and Alternative Delivery Support Services (Sub to HNTB Corporation)	N/A
G.E.C., Inc.	Planning	Contract #'s 4400006551, 4400006552 & 4400006553	Retainer Contracts for Comprehensive Strategic Advisory Related to Louisiana Transportation Authority (LTA) Participation In Public-Private Partnerships (PPP) (Sub to HNTB Corporation)	N/A
G.E.C., Inc.	CE&I/OV	Contract # 4400014973	Retainer Contracts (Sub to Design Engineering, Inc.)	
		TO# H.011798.6	Airline Park Blvd (Camphor - W. Napoleon)	48,250
		TO# H.011795.6	Westwood Drive (WB Expressway - Lapalco)	135,309
G.E.C., Inc.	Road Bridge	Contract # 44000186465 S.P.# H.004100	I-10 Baton Rouge Widening CMAR (Sub to Huval)	
			RCP	37,639
			Segment 1	3,416,908
G.E.C., Inc.	Road Bridge	S.P.# H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros. Construction Co., L.L.C.)	1,402,546



20. Certifications/Licenses:

Michael Pugh

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
<b>Mr. Michael Leon Pugh Jr.</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0030911</b>	<b>03/31/2022</b>
<b>Status: Active</b>	

## 20. Certifications/Licenses:

Alec "Carter" O'Brien



Thomas L. Ervin  
Traffic Doc, LLC  
269 Evangeline 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).

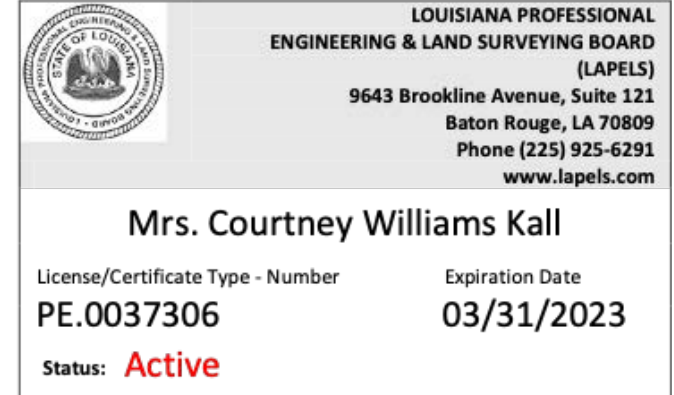
Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor

## 20. Certifications/Licenses:

Courtney Kall



20. Certifications/Licenses:

Billy Fontenot

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

20. Certifications/Licenses:

Katie Foreman

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
<b>Ms. Katherine Ann Foreman</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0046031</b>	<b>03/31/2022</b>
<b>Status: Active</b>	

20. Certifications/Licenses:

Ryan Hebert

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Ryan Jude Hebert</b>		
License/Certificate Type - Number	Expiration Date	
<b>EI.0033737</b>	<b>09/30/2022</b>	
<b>Status: Active</b>		



## 20. Certifications/Licenses:

Marc Dunn



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

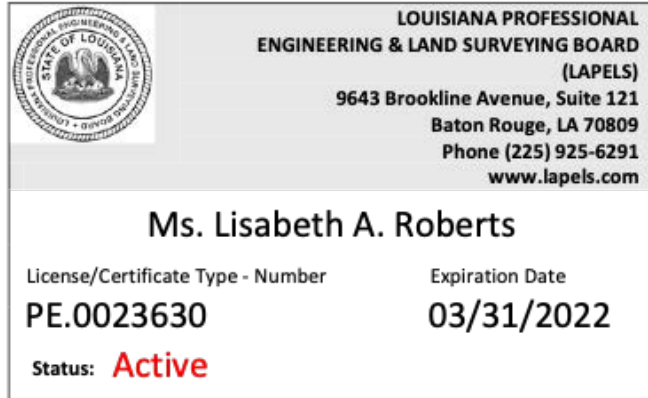
**Mr. Marc Timothy Dunn Jr.**

License/Certificate Type - Number	Expiration Date
<b>PE.0043705</b>	<b>03/31/2022</b>
<b>Status: Active</b>	



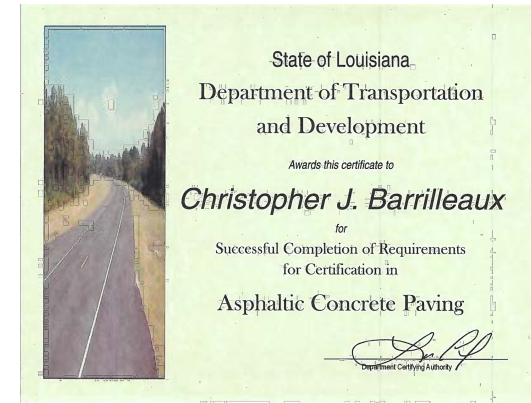
20. Certifications/Licenses:

Beth Roberts



## 20. Certifications/Licenses:

Chris Barrilleaux



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

Dec. 3, 2021

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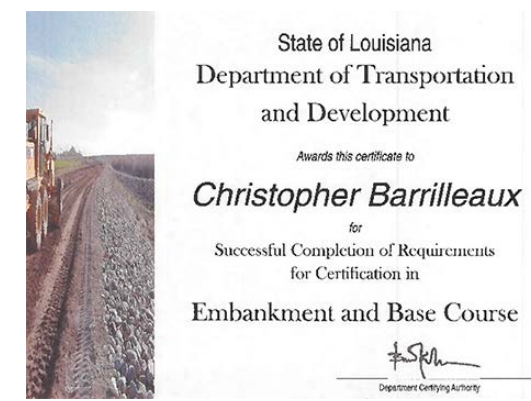
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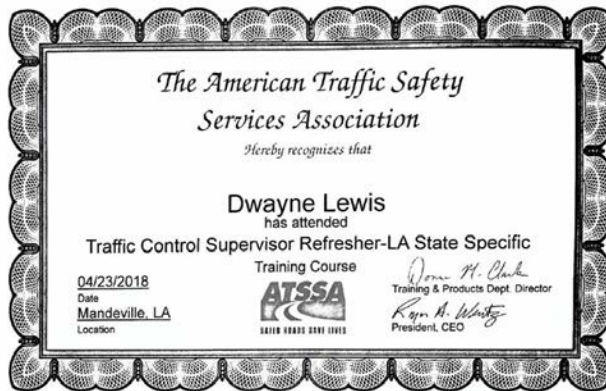
Best Regards,

Thomas L. "Tom" Ervin – ATSSA Master Instructor



## 20. Certifications/Licenses:

Dwayne Lewis





## 20. Certifications/Licenses:

Jason Corkern





## 20. Certifications/Licenses:

Traci Billiot



## 20. Certifications/Licenses:

David Schroeder



Thomas L. Ervin  
Traffic Doc, LLC  
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Best Regards,

Thomas L. "Tom" Ervin – ATSSA Master Instructor

## 20. Certifications/Licenses:

Ryan Schellhaas



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

Dec. 3, 2021

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Best Regards,

Thomas L. "Tom" Ervin – ATSSA Master Instructor

20. Certifications/Licenses:

Chad Albert



## 20. Certifications/Licenses:

Meaghan Faherty

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

Dec. 3, 2021

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Best Regards,



Thomas L. "Tom" Ervin – ATSSA Master Instructor





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

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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>
G.E.C., Inc.	8282 Goodwood Boulevard Baton Rouge, LA 70806	Brian Buckel, P.E. bbuckel@gecinc.com	225.612.3000

23. Location:

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