

CONTRACT NO. 4400024988
STATE PROJECT NO. H.006457.6
F.A.P. NO. H006457
LOCAL ROAD SAFETY PROGRAM
ASCENSION PARISH

ENTITY CONTRACT FOR ROUNDABOUT @ PR 929 AND PARKER ROADS (CE&I)

Submitted to

Louisiana Department of Transportation and Development

Submitted by

Royal Engineers and Consultants, LLC

Date

September 14, 2022

COVER LETTER

September 14, 2022

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

RE: CONTRACT NO. 4400024988
ENTITY CONTRACT FOR ROUNDABOUT @ PR 929 AND PARKER ROADS (CE&I)
STATE PROJECT NO. H.006457.6
F.A.P. NO. H006457
LOCAL ROAD SAFETY PROGRAM
ASCENSION PARISH

Dear Consultant Selection Committee,

Royal Engineers and Consultants, L.L.C. (Royal) respectfully requests your review and consideration of the enclosed proposal prepared in response to the Department's advertisement for Engineering and Related Services for Roundabout @ PR 929 and Parker Roads (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.

With offices in Baton Rouge, New Orleans, and Lafayette, staffed with specialists in roadway design and construction, the Royal Team is positioned to mobilize immediately and perform the requested services within the parameters established. We have strategically partnered with Design Engineering, Inc. for this proposal. Several members in each firm included in this proposal have a successful history of working together to deliver roadway projects. Through our carefully selected team of professionals, we are committed to providing the Department and Ascension Parish the full suite of construction engineering and inspection services required and confident we will surpass expectations. Royal has contacted Eustis Engineering for any as-needed material testing and sampling that the district lab cannot provide.

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

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

Sincerely,



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

14635 S. Harrell's Ferry Road, Suite 4B
Baton Rouge, LA 70816

www.royalengineering.net



(P) 225.751.4643
(F) 225.448.3480



13 September 2022

Project Owner

State of Louisiana
Department of Transportation and Development
5080 Florida Boulevard
Baton Rouge, Louisiana 70806

Submitting Respondent

Royal Engineers and Consultants, L.L.C.
Attention: Mr. Carter O'Brien, P.E.
Email: cobrien@royalengineering.net

Engineering and Related Services
Entity Contract for Roundabout @ PR 929 and Parker Roads (CE&I)
State Project No. H.006457.6
F.A.P. No. H003457
Local Road Safety Program
Ascension Parish, Louisiana
LaDOTD Contract No. 4400024988

To the Consultant Selection Committee:

This letter is to state that, should Royal Engineering and Consultants, L.L.C. be selected for the subject contracts, they will have access to **Eustis Engineering L.L.C.**'s qualified independent testing laboratories if needed. Details of our services, staffing capabilities, and accreditations are provided below.

CONTACT FOR THIS SUBMITTAL

Name: James J. Hance, P.E.
Title: Vice President and Senior Project Manager
Address: 3011 28th Street, Metairie, Louisiana 70002
Telephone: 1-504-834-0157
Email: jhance@eustiseng.com

LaDOTD Contract No. 4400024988

13 September 2022

LABORATORY SERVICES

Eustis Engineering's laboratories are constantly evolving with the purchase of new equipment on a yearly basis. Our gINT® data management software from Bentley allows for maximum efficiency in production of boring logs and data entry.

Eustis Engineering has also acquired OpenGround®, Bentley's Cloud platform, which interfaces with a collection of geotechnical applications. OpenGround provides a comprehensive solution for collecting, reporting, managing, visualizing, analyzing, and accessing data. Its advanced digital workflows combine both subsurface and surface data into one cohesive design. This software provides Eustis Engineering's team members access to a data source via connected applications or a web portal, increasing collaboration and efficiency. The improved access and reliability will save time and money in the planning, design, analysis, construction, and operation of infrastructure projects.

Eustis Engineering has also acquired KeyLAB® from Bentley. KeyLAB is the leading laboratory management system built specifically for geotechnical and construction materials testing laboratories. It improves our laboratory efficiency at every stage of the geotechnical and construction testing process, including sample and storeroom management, as well as electronic scheduling, testing, and reporting. It integrates with Microsoft Excel® allowing for the efficient development of customized worksheets and reports.

Technical testing common to our laboratories includes ASTM, ACI, LaDOTD, AASHTO, FAA, and USACE. Our laboratories hold accreditations from AASHTO, LaDOTD, and the USACE.

Laboratory Staffing

Eustis Engineering currently has qualified technicians to sample construction materials and perform soil mechanics laboratory testing. These technicians are versed in the latest standards from ASTM, LaDOTD, MDOT, AASHTO, FAA, and the USACE. Many of our technicians have earned certifications with the National Institute for Certification in Engineering Technologies (NICET) in the area of geotechnical engineering technology and in the subfields of construction, exploration, generalist, and laboratory.

Laboratory Quality Control

In our effort to ensure the quality of our laboratory and materials testing, our programs are regularly inspected by outside agencies such as the U.S. Army Corps of Engineers, the AMRL Group of the American Association of State Highway and Transportation Officials, and the CCRL Group of AASHTO.

Eustis Engineering has three soil mechanics laboratories where our laboratory practices and quality management system meet the requirements of AASHTO R 18 and ASTM E329. These offices are located in Metairie, Baton Rouge, and Gulfport. Individual offices may comply with ASTM quality system specifications including ASTM C1077, ASTM D366, and ASTM D3740. Accreditations in the various areas are shown below.

Metairie	Baton Rouge	Gulfport
Aggregate	Aggregate	Aggregate
Asphalt	Soil	Asphalt
Concrete	Concrete	Concrete
Masonry	Masonry	Soil
Soil	Spray Fire-Resistive Material	Spray Fire-Resistive Material

To further show quality is paramount to Eustis Engineering, we have two individuals in charge of maintaining quality in our testing. Travis R. Richards, P.E., is the engineer-in-charge. Timmy Holleman, dedicated Quality Control Manager, oversees the calibration of our equipment and maintenance of our quality system. The biggest reward of our quality system is knowing our clients are confident our testing laboratories produce the highest quality results and conform to state and national standards.

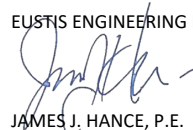
Conclusion

By signing below, Eustis Engineering L.L.C. confirms their willingness to provide laboratory services to Royal Engineers & Consultants, L.L.C. as needed to ensure their effective and timely completion of all services associated with these projects.

Thank you for your consideration. We look forward to working with you.

Yours very truly,

EUSTIS ENGINEERING L.L.C.



JAMES J. HANCE, P.E.

JJH:jjf

STANDARD FORM: 24-102

DOTD FORM: 24-102

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract title as shown in the advertisement	ENTITY CONTRACT FOR ROUNDABOUT @ PR 929 AND PARKER ROADS (CEandI)
2. Contract number(s) as shown in the advertisement	4400024988
3. State Project Number(s), if shown in the advertisement	H.006457.6
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Royal Engineers and Consultants, LLC 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003328
6. Prime consultant mailing address	14635 S. Harrell's Ferry Road, Suite 4B Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	14635 S. Harrell's Ferry Road, Suite 4B Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Michael Pugh, P.E., President 504-283-9400 mpugh@royalengineering.net

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

Signature: _____

Date: September 14, 2022

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

Firm(s):
N/A

Firm(s)' %:
N/A

12. Past Performance Evaluation Discipline Table:

Evaluation Discipline(s)	% of Overall Contract	Royal (Prime)	Design Engineering	Each Discipline Must Total to 100%
CE&I	100%	90%	10%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	90%	10%	100%

13. Firm Size:

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

14. Organizational Chart:

LEGEND

+As Needed Personnel

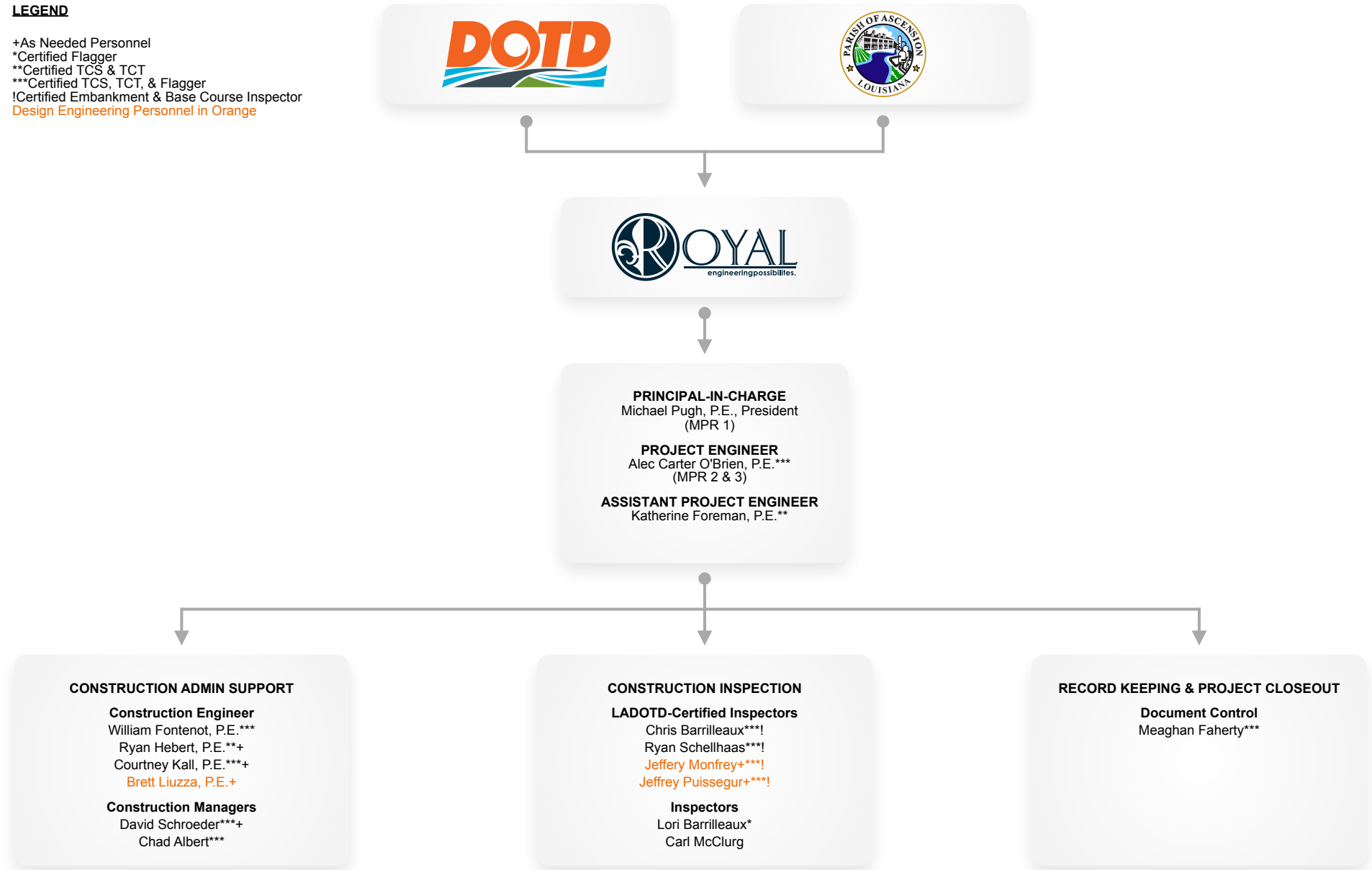
*Certified Flagger

**Certified TCS & TCT

***Certified TCS, TCT, & Flagger

!Certified Embankment & Base Course Inspector


Design Engineering Personnel in Orange



15. Minimum Personnel Requirements:

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


16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Michael Pugh, P.E.	Years of relevant experience with this employer	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 / 3-21-2024	
Year registered	2003	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Principal-in-Charge / MPR 1	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
25+ years of experience	Mr. Pugh has over 25 years of experience in design and construction management of roadway and drainage systems. He 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	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA Principal Engineer on the Royal team contracted by the Department of Public Works (DPW) to provide construction management and resident inspection services for the FEMA Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, resident inspection, and closeout services.			
09/19 - 03/20	MAXPAVE ROADWAY PROGRAM: NEW ORLEANS, LA 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 subject matter expert were Mr. Pugh's primary duties.			
12/10 - 01/17	RTA STREET CAR EXPANSION PROGRAM - CONSTRUCTION MANAGEMENT PLUS Principal-in-Charge for this streetcar expansion program, in which Royal was to provide Construction Management and inspection services, document administration, and change order management. Services also included estimating and review of potential change orders and monitoring differing site conditions encountered during the course of construction. The project consist of 14,400 track feet of continuously welded rail, installation of the half grand union at Canal and N. Rampart, an embedded double cross over at Frenchman & Elysian Fields, refurbishment of over 40 historic light poles to include LED bulbs, overhead catenary system installation, installation of traction powered substation, utility relocation and upgrades, and road milling and repaving. Mr. Pugh's team observed demolition, excavation, utility re-location, concrete, asphalt, earthwork, and track-work to ensure compliance with drawings and specifications.			

16. Staff Experience:

11/10 - 08/11	BLOSKI AVENUE EXTENSION: BELLE CHASSE, LA 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	ROADWAY RESTORATION PROJECT: ST. BERNARD PARISH, LA 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	Carter O'Brien, P.E.	Years of relevant experience with this employer	3	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering	
Active registration number / state / expiration date			43647 / LA / 3-31-2024	
Year registered	2019	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Project Engineer / MPR 2 and MPR 3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
11 years of experience	Mr. O'Brien is an Engineer with over 10 years of heavy civil, roadway, drainage, and bridge construction experience. Mr. O'Brien has managed field operations, inspectors, project documentation and closeout on numerous projects. He has completed road restoration and reconstruction projects for LADOTD, FEMA, and various other local agencies. He has extensively worked in asphalt paving, PCCP, catch basins, and drainage projects. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
10/20 - Ongoing	RR004 BAYOU ST. JOHN, FAIRGROUNDS, SEVENTH WARD GROUP B: NEW ORLEANS, LA Project Engineer responsible for providing Construction Administration, Construction management as well as Resident inspection services for the City of New Orleans Department of Public Works. Mr. O'Brien provided field management of the contractor and all construction activities, included but was not limited to conducting progress meetings, dealing with resident complaints, review and recommendation for approval of monthly pay estimates, assisting in field adjustments and using knowledge and experience in civil construction to ensure project remained on schedule and budget.			
04/18 - 02/20	ST. GABRIEL ROADWAY REPAIR - PHASE 5: ST. GABRIEL, LA 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	H.010352 LA 442: TANGIPAHOA RIVER BRIDGE REPLACEMENT: TICKFAW, LA Construction Engineer responsible for reviewing the contractor's Critical Path Method schedule. This includes approval of the CPM baseline schedule ensuring that it meets the project time requirements, project specifications, the contract value matches that in the schedule, that all resources and items in the contract are adequately reflected in the contractor's CPM schedule. The project also included review and approval of each monthly update of the schedule and providing the owner (LADOTD) with adequate and informed information in case of litigation, disputes or requested change orders.			
04/18 - 08/18	H.009597 1-10: W PEARL RIVER: BATON ROUGE, LA 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.			

16. Staff Experience:

07/16 - 07/18	<p>H.011503: I-10 TWIN SPANS ITS: ORLEANS AND ST. TAMMANY PARISH, LA 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-builts, survey site layout, correspondence, 2059, and all LADOTD required project documentation and submitted to the state.</p>
12/15 - 06/16	<p>H.001491.6; LA 20 (NORTH CANAL BLVD.) WIDENING IN LAFOURCHE PARISH As Senior Field Engineer duties included QA/QC testing management, submitted change orders, project submittal management, RFI submittals, schedule management, survey site layout, project coordination, and maintained project as-builts.</p>
08/14 - 08/16	<p>H.003432; US-51 BUSINESS ROUNDABOUTS: HAMMOND, LA Senior Field Engineer responsible for problem identification and resolution in the field. This included preparing, designing, submitting and revising concrete and asphalt mix designs in accordance with the project plans and specifications. Mr. O'Brien updated critical path method (CPM) schedule each month, prepared as-built plans during the course of construction to reflect in field changes, and performed traffic control design during construction. He submitted numerous traffic control plans during construction phase changes and ensured the TC plans was in accordance with the MUTCD. Various drainage structures had to be altered to accommodate in field conflicts, for which Mr. O'Brien calculated slope, made drainage structure drawing adjustments and ensured all changed structures met the project specifications. In addition, he was responsible for OSHA-compliant safety measures being exercised in the field; surveying; and change order management and quality control on all project materials including asphalt density testing, base density testing, concrete cylinders, soil cement densities and striping reflectivity testing.</p>


16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Katherine Foreman, P.E.	Years of relevant experience with this employer	7	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2017 / Civil Engineering	
Active registration number / state / expiration date			46031 / LA / 3-31-2024	
Year registered	2021	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Assistant Project Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
7 years of experience	Ms. Foreman has seven years of experience in civil and coastal engineering and construction. Ms. Foreman's background and studies includes geotechnical engineering, hydraulics and hydrology, environmental engineering, and transportation engineering. As a member of the Royal Team, Ms. Foreman serves on Royal's project technical and design teams and has been responsible for permitting activities, agency and client coordination, engineering design, project development, and compilation of project plans and specifications. Her GIS/CADD expertise includes the use of various software packages for the development of graphical representations of data collected including QGIS Desktop and AutoCAD Civil3D. Certifications: Traffic Control Technician and Traffic Control Supervisor			
08/20 - Ongoing	INDIAN CREEK LOW WATER CROSSING: FORT POLK, LA Project Manager – Project Manager for the Design-Build team providing engineering services to design a new roadway low water crossing structure and to design repairs to the existing Sagebrush Road. Responsibilities include serving as the primary point of contact between Royal and DCMS, Inc., coordinating closely with the construction Contractor for the project throughout design of the project, designing the horizontal geometry of proposed new road, and supporting the design team with various design tasks such as Hydraulic Modeling, culvert sizing, and development of plans and specifications.			
04/18 - 10/20	CNO STREET REPAIR – LEONTINE, VALMONT, CAMP, AND CHESTNUT: NEW ORLEANS, LA 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 to 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	CITY OF YOUNGSVILLE NEW ROAD: YOUNGSVILLE, LA 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.			


16. Staff Experience:

08/15 - 11/21	<p>POLLY LANE EXTENSION: LAFAYETTE, LA</p> <p>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, a 32 ft diameter reinforced Class A concrete roundabout, curb and gutter and subsurface drainage, a concrete box culvert over Issac Verot Coulee Lateral 7, sidewalks, and lighting. As Engineer Intern, Ms. Foreman was responsible for performing engineering analyses for design of the storm drainage system, preparation of and revisions to construction documents, performing routine site visits, providing construction management/administration, and engineering support during construction, and overseeing resident inspection services throughout construction. As Project Manager, Ms. Foreman was responsible for invoicing, deliverables, scheduling, resourcing, and client coordination.</p>
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16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	William Fontenot, Jr., P.E.	Years of relevant experience with this employer	1	
Title	Structural Engineer	Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			BS / 2012 / Civil	
Active registration number / state / expiration date			41036 / LA / 3-31-2024	
Year registered	2016	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
9+ years of experience	Mr. Fontenot has more than nine years of experience in civil and structural engineering, construction consulting, and structural inspection and repair. He has performed on-site inspection of structural deficiencies of statewide projects and engineered safe, economic approaches to specific construction problems related to various heavy construction projects. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
06/12 - 07/16	H.002550 MACARTHUR DRIVE INTERCHANGE COMPLETION: JEFFERSON PARISH, LA 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	IN-DEPTH BRIDGE INSPECTION OF COMPLEX STRUCTURES: ST. LANDRY PARISH, LA 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	H.003182 INNER HARBOR CANAL BRIDGE REHABILITATION: ALGIERS, LA 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	I-10 LAKE PONTCHARTRAIN BRIDGE DECK PATCHING & GIRDER PAINTING: NEW ORLEANS, LA 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	Royal Engineers and Consultants, L.L.C.			
Name	Ryan Hebert, P.E.	Years of relevant experience with this employer	4	
Title	Professional Engineer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2017 / Environmental Engineering	
Active registration number / state / expiration date			46577 / LA / 9/30/2024	
Year registered	2018	Discipline	Professional Engineer / Civil Engineering	
Contract role(s)/brief description of responsibilities			Construction Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
4 years of experience	Mr. Hebert is 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. Certifications: Traffic Control Technician and Traffic Control Supervisor			
11/19 - Ongoing	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA 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	CITY-WIDE CONSTRUCTION ADMINISTRATION AND RESIDENT INSPECTION SERVICES: NEW ORLEANS, LA Associate Inspector for the Royal team contracted by the City of New Orleans Department of Public Works to provide construction management and resident inspection services for roadway restorations of water and sewer service cuts throughout the City. The program consisted of assessing over 30,000, cleaning over 15,000 and repairing over 3,000 catch basins. Also, under the City's contract, Mr. Hebert served as associate inspector for eight full roadway rehabilitations including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation. He regularly assists in project scheduling and coordination and is responsible for maintaining quality control and completion of administrative records.			
10/18 - 11/19	INTERIM PAVING PROGRAM: NEW ORLEANS, LA 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	PAVEMENT RESTORATION: NEW ORLEANS, LA 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	Courtney Kall, P.E.	Years of relevant experience with this employer	2	
Title	Professional Engineer	Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization			BS / 2007 / Civil Engineering	
Active registration number / state / expiration date			37306 / LA / 3-31-2023	
Year registered	2012	Discipline	Professional Engineer, Civil	
Contract role(s)/brief description of responsibilities			Construction Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
15 years of experience	Ms. Kall is a knowledgeable and motivated licensed civil engineer skilled in the execution and management of all phases of project operations from design through construction. 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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
04/21 - Ongoing	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA 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	HURRICANE KATRINA RECOVERY PROGRAM - INFRASTRUCTURE/PAVEMENT REHABILITATION 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. Notable roadway projects involving rehabilitation and full-depth replacement of asphaltic concrete pavement, PCC roadway pavement, PCCP sidewalks and driveways, curb and gutter, and subsurface drainage included: SBPG RD 2010-110, construction cost \$12M (12/11-04/14) ; SBPG RD 2012-102, construction cost \$9.6M (04/14-10/17) ; and SBPG RD 2012-103, construction cost \$3.2M (06/14-06/16) . During construction, Ms. Kall's duties included facilitating the resolution of daily field issues and conflicts and coordinating with design engineer, contractor, and inspector; ensuring construction budgets and schedules were maintained and followed; field-verifying monthly quantities for invoice reviews and approvals; and implementing change orders, including securing the funding, for additional eligible work identified in the field.			
01/08 - 10/11	HURRICANE KATRINA RECOVERY PROGRAM: PLAQUEMINES PARISH, LA 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	STAFF ENGINEER FOR VARIOUS PROJECTS: NEW ORLEANS, LA Ms. Kall served as Staff Engineer, Project Design Team for several local project, including the South Claiborne Avenue Streetscape Project, City of New Orleans Street enhancement program on Claiborne Avenue between Martin Luther King, Jr. Blvd. and Napoleon Ave., a vital commercial corridor.			


16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	David Schroeder	Years of relevant experience with this employer	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			Construction Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
30+ years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
11/19 - Ongoing	FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA. 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	ROADWAY RESTORATION PROJECT: St. Bernard Parish, LA. 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	ST. BERNARD PARISH BRIDGE DESIGN/CANAL CROSSINGS: St. Bernard Parish, LA. 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	BLOSKI AVENUE EXTENSION: Belle Chasse, LA. 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	N. CAUSEWAY BOULEVARD ROADWAY IMPROVEMENTS: New Orleans, LA. 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	Chad Albert	Years of relevant experience with this employer	<1	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	15	
Degree(s) / Years / Specialization			BS / 2007 / Construction Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Construction Manager	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
15+ years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
08/21 - Ongoing	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA 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 - 08/21	OPERATIONS MANAGER FOR VARIOUS PROJECTS: STATEWIDE 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. LADOTD Project Included: H.013211 LA 46: LA 39 – St. Bernard; H.009804 Kenner S. Williams Streetscape; H.013746 US 90 I-10 Service Road – LA 39			
08/11 - 02/19	PROJECT MANAGER AND ESTIMATOR FOR VARIOUS PROJECTS: STATEWIDE 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. LADOTD Projects Included: H.011322 US 61 @ 3155 M&O; H.012742 I-10 N Service Rd: Dwyer-Paris Rd; H.011622 I-910: Ramps; H.012742 LA 46: Orleans Parish – Paris Rd; H.013240 LA 48: Oak Ave-Bailey St.; H.010257 Grade Raising I-10 Ramps@ 3188; H.012379 LA 3228; H.007546 St. Bernard Multi-Use Path, Ph 1 & 2; H.004730 US 61/90(Tulane): Claiborne-Carrolton; H.011516 US 90 @ LA 182; H.011311 US 90B: Elev WB Expy – Jung Blvd; H.009713.6 Path to Progress Jeff Parish (Barriere); H.009718.6 Path to Progress Orleans Parish (Boh Bros); H.007211.6 Ames Blvd Rehab; H.003641 I-59 Rest Area; H.000327.6 Ormond Blvd; H.011167.6 Howard Ave Service Rd			
12/09 - 07/11	QUALITY CONTROL MANAGER / FIELD ENGINEER / SUPERINTENDENT FOR VARIOUS PROJECTS: KENNER, LA 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	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. Certifications: 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	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA 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	MAXPAVE ROADWAY PROGRAM: NEW ORLEANS, LA 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	VARIOUS BRIDGE & ROADWAY PROJECTS: JEFFERSON, LA 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	Royal Engineers and Consultants, L.L.C.			
Name	Ryan Schellhaas	Years of relevant experience with this employer	9	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			AD / Ongoing / Applied Science	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			LADOTD Certified Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
9 years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger, Embankment and Base Course Inspector; Certified USACE Construction Quality Management for Contractors			
11/19 - ongoing	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA 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	ROADWAY RESTORATION PROJECT: ST. BERNARD PARISH, LA 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	MAXPAVE ROADWAY PROGRAM: NEW ORLEANS, LA 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	ST. GABRIEL ROADWAY REPAIR: ST. GABRIEL, LA 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	Lori Barrilleaux	Years of relevant experience with this employer	4	
Title	Field Inspector	Years of relevant experience with other employer(s)	17	
Degree(s) / Years / Specialization			AD Drafting	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
21 years of experience	Certifications: Certified Flagger			
11/19 - Ongoing	FEMA ROADWAY RESTORATION PROGRAM: NEW ORLEANS, LA Project Inspector on the Royal team contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Construction services are being performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction management, data management, reporting, platform deployment, quality assurance, administration, pay applications, and closeout services. Mrs. Barrilleaux is responsible for the oversight of contractors in the field, inspecting work product to project drawings/ specifications, schedule compliance, and site safety.			
04/18 - 02/20	ST. GABRIEL ROADWAY REPAIR: ST. GABRIEL, LA Project Inspector on the Royal team contracted by the City of St. Gabriel to provide Construction Management and Engineering Services for the restoration of four roadways and the full re-construction of one roadway. As project inspector, Ms. Barrilleaux was responsible for observing construction at all times the contractor is working on critical work items; providing on-site quality assurance; inspecting, measuring, and appropriately tracking (eligible) work completed for pay requests; ensuring work did not adversely affect utilities, adjacent areas and/or property, etc.; preparing daily field reports, and/or field books; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and preparing incident reports.			
10/19 - Ongoing	RR004 BAYOU ST. JOHN, FAIRGROUNDS, SEVENTH WARD GROUP B: NEW ORLEANS, LA Project Inspector on team responsible for providing Construction Administration, Construction management as well as Resident inspection services for the City of New Orleans Department of Public Works. Ms. Barrilleaux performed daily inspections on roadway rehabilitations, including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation.			
10/20 - 11/20	CLARENCE HENRY TRUCKWAY TURNAROUND PAVEMENT REHABILITATION: NEW ORLEANS, LA Project Inspector on the team that provided construction management and resident inspection for the project that set up a detour, required a cold plane (mill), overlay (2" wearing and 4" binder), and restriping of the Clarence Henry Truck Turnaround. Due to the heavy volume of truck traffic the project was limited to a single weekend to complete working 24 hrs per day. Ms. Barrilleaux performed daily inspections of critical work items, documented deficient work, and reviewed contractor report compliance with project specifications.			


16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Carl McClurg	Years of relevant experience with this employer	13	
Title	Field Inspector	Years of relevant experience with other employer(s)	11	
Degree(s) / Years / Specialization			BS 1995 International Economics	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Inspector	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
24 years of experience	Certifications: American Galvanized Inspector Certification, OSHA 30-hour Construction and Health Safety			
06/17 - 04/18	EMERGENCY CATCH BASIN CLEANING AND REPAIR PROGRAM: New Orleans, LA Project Inspector, Carl McClurg, performed inspections and condition assessments of catch basin cleaning and repairs and completed all associated documentation of findings. Resident Inspection services included resident construction inspection and oversight. Resident inspection was required at all locations under construction and at all times the contractor was working on critical work items (i.e. pay items, inspect and appropriately track eligible work, ensure work does not adversely affect adjacent areas and/or property, etc.). Royal provided over 50 inspectors with supporting construction administration personnel for the cleaning of more than 15,000 catch basins in 120 calendar days within the City of New Orleans.			
03/07 - 10/09	ROADWAY RESTORATION PROGRAM: St. Bernard Parish, LA Project Inspector, Carl McClurg, is responsible for oversight of construction contractors, inspection of the construction process and finished product, comparison of the work product to project drawings and specifications, schedule compliance, and site safety. This project includes restoration of parish concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina. Approximately 50 miles of roadway are being replaced according to State and Federal standards with a construction cost estimated at \$20,750,000.			
12/10 - 01/17	STREETCAR EXPANSION PROGRAM: New Orleans, LA Lead inspector for the RTA Streetcar Expansion Phase II. Services included quality assurance, pay item tracking, and ensuring the accuracy of work quantities, daily progress reporting, photo documentation, and drawing/specification review, and daily updates of as-builts.			
09/16 - 12/16	SHELTER AT HOME PROGRAM (SAH) : New Orleans, LA Damage Assessor/Construction Inspector on team contracted by the Governor’s Office of Homeland Security and Emergency Preparedness (GOHSEP) to implement the FEMA-funded Shelter at Home Program for the State of Louisiana. The Program was initiated to perform emergency temporary repairs and power restoration in single-family owner-occupied residences following the Floods of 2016. Responsibilities included determination of project scopes, document collection from homeowners, and inspections before and after construction. Tasks include initial inspections, or Initial Site Visits (ISVs) to assess and document damage, to establish a scope of work, and to collect documentation from the owner; and final inspections, or Final Site Visits (FSVs), to verify work order completion as per defined scope.			
05/16 - 05/22	STREET LIGHT MANAGEMENT SERVICES, New Orleans, LA Project Inspector, Carl McClurg, performs inspections and condition assessments of streetlight fixtures and poles and completed all associated documentation of findings. Royal is responsible for streetlight operations in the City of New Orleans. The project entails managing a work order system to track and assign all work to the city designated streetlight repair contractor. Training of new inspectors on all processes, documentation, and safety.			

16. Staff Experience:

Firm employed by	Royal Engineers and Consultants, L.L.C.			
Name	Meaghan Faherty	Years of relevant experience with this employer	6	
Title	Document Control Specialist	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS 2010 Marketing (Management Minor) AD 2017 Construction Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			Document Control	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
6 years of experience	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. Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger			
11/19 - ongoing	FEMA ROADWAY RESTORATION PROGRAM: New Orleans, LA. 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	CLARENCE HENRY TRUCKWAY TURNAROUND PAVEMENT REHABILITATION, New Orleans, LA. 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	MAXPAVE ROADWAY PROGRAM: New Orleans, LA. 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.			


16. Staff Experience:

Firm employed by	Design Engineering, Inc.			
Name	Brett Liuzza, P.E.	Years of relevant experience with this employer	10	
Title	Civil Engineer	Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			BS / 2008 / Civil Engineering	
Active registration number / state / expiration date			37753 / LA / 9/30/2023	
Year registered	2012	Discipline	Civil Engineer	
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).			
Mr. Liuzza will serve as Civil Engineer for this contract. Mr. Liuzza has worked on a variety of infrastructure improvement projects including asphaltic and concrete roadway. He brings his roadway project experience to this project and is thoroughly familiar with LaDOTD standards. Mr. Liuzza fulfills several of the Minimum Personnel Requirement listed in the advertisement.				
05/08 – 12/16	SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION (ON- AND OFF-RAMPS FOR PETERS ROAD) Civil Engineer that assisted with the design of an on- and off-ramp system for the Westbank Expressway and the relocation of Frontage Road. Responsibilities included planning geometric layout of roadways and rights-of-way; relocation of drain lines up to 72” diameter, 10” sewer force mains with 20” steel casing horizontally drilled underneath four (4) lane highway, and water lines; project quantities estimation; preparation of plans for water mains, appurtenances, gas lines, and overhead and below ground power lines; the construction of storm drain performance, pipes and manholes; the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters and concrete sidewalks.			
10/18 – 03/20	DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I) Civil Engineer for the reconstruction of an existing four (4) lane divided boulevard. This project included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, signs, and legends and symbols. Mr. Liuzza’s responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager.			
03/21 – 07/22	DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I) Civil Engineer for the construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and his staff, including but not limited to, roadway rehabilitation project consisting of removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Liuzza’s responsibilities on this project include responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.			

16. Staff Experience:

01/13 – 04/16	<p>JPPW NO. 2010-047: JEFFERSON PARISH SUBMERGED ROADWAYS PROGRAM</p> <p>Civil Engineer for damage evaluation due to Hurricane Katrina and roadway reconstruction of eighty-five (85) concrete streets and eight (8) miles of asphalt roadway repair within Council District 3. Design Engineering's responsibilities included Site Evaluations, Preliminary Plans, Final Plans, Construction Administration, and Resident Inspection. During site evaluations, DEI noted settlement and surface condition and verified the degree and severity of damage described in FEMA Project Work Sheets. Considerations during the design phase were tree root impacts on the existing roadway, addition and/or repair of sidewalks, driveways and handicap ramps, and adjustment of all drainage structures within the roadway limits. Mr. Liuzza's responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions.</p>
06/07 – 11/17	<p>OLD PROJECT NO. 27821: LAKESHORE DRIVE IMPROVEMENT PROJECT</p> <p>Civil Engineer for 5.2 miles of scenic 4-lane roadway with all necessary utilities, including sewerage, water and drainage, sidewalks and seawall stabilization along the entire length of the roadway. The project required the reconstruction of 3,150 feet of Lakeshore Drive roadway and adjacent parking facilities. Mr. Liuzza was responsible for the preparation of preliminary design, final design, construction administration, and resident inspection. Mr. Liuzza also coordinated and managed the geotechnical and surveying sub-consultants during the entire design process. DEI also provided the client with cost estimates and permit sketches as required by federal, state, and local authorities. Mr. Liuzza's responsibilities on this project included responding to RFIs, reviewing shop drawings, coordinating progress meetings, performing periodic site visits, considering, and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions.</p>


16. Staff Experience:

Firm employed by	Design Engineering, Inc.			
Name	Jeffery Monfrey	Years of relevant experience with this employer	3	
Title	Certified Inspector	Years of relevant experience with other employer(s)	26	
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			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).			
<p>Mr. Monfrey has completed and holds certifications in the LaDOTD Structural Concrete Inspector, Embankment and Base Course Inspector, PCC Paving Inspector, and Asphalt Paving Inspector/Technician courses, as well as the ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger courses. He also holds a Bridge Inspector Training Course certification.</p> <p>Certifications: LaDOTD Structural Concrete Inspector, Embankment and Base Course Inspector, PCC Paving Inspector, and Asphalt Paving Inspector/Technician. Bridge Inspector’s Training Course. ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger</p>				
02/19 – 04/23	<p>JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE</p> <p>Mr. Monfrey is providing resident inspector for this project which includes the rehabilitation of Ramps 6, 7, and overpass of Causeway Boulevard Overpass at Airline Drive. Mr. Monfrey’s responsibilities included the observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Monfrey is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and is attending all the progress meetings. He is also writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.</p>			
12/18 – 07/20	<p>GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS</p> <p>Mr. Monfrey provided resident inspection for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction Administration included organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident Inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.</p>			
04/19 – 06/20	<p>DOTD SP NO. H.011795: WESTWOOD DRIVE (WB EXPRESSWAY TO LAPALCO)</p> <p>Mr. Monfrey provided construction inspection for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter. This project included Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Mr. Monfrey’s responsibilities included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time.</p>			

16. Staff Experience:

10/18 – 03/20	<p>DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I)</p> <p>Mr. Monfrey provided construction inspection for the reconstruction of an existing four (4) lane divided boulevard. This project included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends and symbols. Mr. Liuzza's responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager.</p>
01/11 – 12/15	<p>LAKE PONTCHARTRAIN CAUSEWAY BASCULE CONTROL SYSTEM REPLACEMENT, GNOEC, ST. TAMMANY AND JEFFERSON PARISHES, LA</p> <p>Mr. Monfrey was the Mechanical Inspector for this project: This project consisted of designing a replacement control system to allow operator control of the bascule bridge system at the North Channel of the Lake Pontchartrain Causeway. Mr. Monfrey performed inspection of the control system to make sure it retained all mechanical interlocks as well as operating procedural interlocks.</p>
06/95 – 08/06	<p>DOTD BRIDGE INSPECTIONS DISTRICT WIDE</p> <p>Mr. Monfrey was the lead inspector that supervised a team of inspectors performing Inspection of bridge substructures (piers, columns, etc.), superstructure (girders, trusses, etc.) and decking (roadway surface, bridge rails, etc.) and to repair and/or replace bridges for all fixed and moveable bridges (On & Off Systems) for the entire District 02 area in Louisiana.</p>
10/07 - 02/13	<p>DOTD SP NOS., 006-01-0012, 003-01-0018, 006-01-0021, 006-01-0022: HUEY P. LONG BRIDGE WIDENING, JEFFERSON PARISH, LA</p> <p>Mr. Monfrey was a Senior Bridge Inspector assigned to the Huey P. Long Bridge widening projects. He supervised the inspection of structural steel erection and bolting, structural concrete construction, embankment and base course construction, concrete paving, and asphaltic concrete paving.</p>

16. Staff Experience:

Firm employed by	Design Engineering, Inc.			
Name	Jeffrey Puissegur	Years of relevant experience with this employer	3	
Title	Certified Inspector	Years of relevant experience with other employer(s)	26	
Degree(s) / Years / Specialization			AA Business Management BA Business Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s)/brief description of responsibilities			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).			
<p>Mr. Puissegur has completed and holds certifications as an LaDOTD Embankment and Base Course Inspector and an ATSSA Traffic Control Supervisor, Technician and Flagger. He also has training in USACE Construction Quality Management (CQM) and Resident Management System (RMS).</p> <p>Certifications: LaDOTD Embankment and Base Course Inspector, ATSSA Work Zone Traffic Control Technician, Supervisor, and Flagger</p>				
03/21 – 07/22	<p>DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I)</p> <p>Mr. Puissegur was the Resident Inspector for this roadway rehabilitation project consisting of removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Puissegur is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and is attending all the progress meetings. Further, Mr. Puissegur is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.</p>			
05/19 – 08/20	<p>DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON)</p> <p>Mr. Puissegur was the Resident Inspector for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping stations, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Puissegur prepared daily reports which are recorded through LaDOTD SiteManager, inspected the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attended all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.</p>			
09/16 – 02/17	<p>DOTD SP NO. H.007277: LAKE FOREST BOULEVARD</p> <p>Mr. Puissegur was the Resident Inspector for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails and retaining wall, including drainage pipes and structures, as well as tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2" asphaltic concrete wearing course to develop a 2.5% cross slope. Pavement striping, signs, and legends and symbols are included. Mr. Puissegur prepared daily reports which are recorded through LaDOTD SiteManager, inspected the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attended all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.</p>			

16. Staff Experience:

01/13 – 04/16	<p>JPPW NO. 3010-047: JEFFERSON PARISH SUBMERGED ROADWAYS PROGRAM</p> <p>Resident Inspector for damage evaluation due to Hurricane Katrina and roadway reconstruction of eighty-five (85) concrete streets and eight (8) miles of asphalt roadway repair within Council District 3. Design Engineering's responsibilities included Site Evaluations, Preliminary Plans, Final Plans, Construction Administration, and Resident Inspection. During site evaluations, DEI noted settlement and surface condition and verified the degree and severity of damage described in FEMA Project Work Sheets. Considerations during the design phase were tree root impacts on the existing roadway, addition and/or repair of sidewalks, driveways and handicap ramps, and adjustment of all drainage structures within the roadway limits. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings.</p>
01/08 – 09/14	<p>JPPW 2007-012-PS-PH.3B: AIRLINE DRIVE DRAINAGE CROSSING ST. PETER'S DITCH</p> <p>Resident Inspector responsible for the quality assurance in the construction of 365 feet of drainage improvements adjacent to and across Airline Drive, including the construction of large drainage junction boxes, micro-tunneling or hand tunneling large diameter drain line across Airline Drive, reinforced concrete box culverts and transition structures. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings.</p>

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	2015-18	Owner's name	Lafayette City-Parish Consolidated Government
Project location	Lafayette, LA	Owner's Project Manager	Alison Lognion
Owner's address, phone, email			705 W University Ave, Lafayette, LA 70506 337.291.8522, alognion@lafayettela.gov
Services commenced by this firm (mm/yy)	08/15	Total consultant contract cost (\$1,000's)	\$351
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm (\$1,000's)	\$117

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

Additional project features include the installation of approximately 1,200 linear feet of an 8" water line to connect service across the coulee. Horizontal Directional Drilling (HDD) was utilized for the coulee crossing. Permitting services for the coulee crossing were also provided, including a water permit from the Department of Health and Hospitals and a 404 permit from the USACE.

Royal's design phase services include all preliminary and final plans, preparation of all necessary right-of-way maps/plats and other governmental staking and inspection authorized on an as-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, quantity tracking, full-time resident inspection, engineering during construction, preliminary and final walk through, punch list, substantial completion coordination, completion of record drawings and contractor pay request preparation and coordination. Design and construction of the project was divided into several phases to expedite construction of the road and provide access to a newly built apartment complex.

Key Personnel: Katherine Foreman



17. Firm Experience:

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

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

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

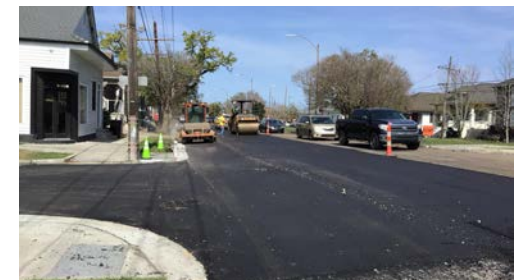
Royal resident inspectors document all construction activities and material quantities in-place as well as assist in the evaluation of the Construction Contractor payment requests. They also monitor tests and maintain records for all quality testing, submit daily inspection reports, and observe the jobsite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

Deliverables include the following:

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

Key Personnel:

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



17. Firm Experience:

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

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
- 37A-2: Forms

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



17. Firm Experience:

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

This project consists of furnishing all supervision, labor, equipment, and materials necessary to mill and overlay four roadways 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, Lori Barrilleaux



17. Firm Experience:

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

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

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

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

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

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

Key Personnel:

Michael Pugh, David Schroeder, Ryan Schellhaas, Ryan Hebert



17. Firm Experience:

Firm Name	Design Engineering, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Ames Boulevard (WB Expressway – Happy Street)	Firm responsibility (prime or sub?)	Prime
Project number	H.011797	Owner's name	Jefferson Parish
Project location	Jefferson Parish, LA	Owner's Project Manager	Mark Drewes
Owner's address, phone, email			1221 Elmwood Park, Suite 802, Jefferson, LA 504.736.6505, mdrewes@jeffparish.net
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost (\$1,000's)	\$512
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)	\$838

Design Engineering, Inc. (DEI) was responsible for providing the construction contract administration and construction engineering inspection services for the construction of 0.39 miles of roadway which included asphalt paving inspection, estimate generation, material sampling, submittal review, and project close out. Construction Management performed by the office and site personnel included:

- Scheduling and attending the preconstruction meeting
- Maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time. These activities were managed through LaDOTD's SiteManager Program.
- Coordinating with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspecting the Contractor's construction operations daily to ensure that all work is performed in accordance with the specified plans and specifications.
- Preparing final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Preparing plan changes and change orders.
- Reviewing and processing Contractor's invoices and generating partial estimates and weather and workday reports in SiteManager.
- Working on the 175 project closeout and submitting all documents required by LaDOTD Baton Rouge, Construction Audit.

Key Personnel: Jim Martin, Brett Liuzza, Jeff Monfrey, Jeff Puissegur



17. Firm Experience:

Firm Name	Design Engineering, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Canal Blvd. (R.E. Lee - Amethyst)	Firm responsibility (prime or sub?)	Prime
Project number	H.007271.6	Owner's name	City of New Orleans
Project location	Orleans Parish, LA	Owner's Project Manager	Grayson Fleming
Owner's address, phone, email			1300 Perdido Street, Room 6W03, New Orleans, LA 504.658.8065, grfleming@nola.gov
Services commenced by this firm (mm/yy)	10/18	Total consultant contract cost (\$1,000's)	\$859
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)	\$859

Design Engineering, Inc. (DEI) was responsible for providing the construction contract administration and construction engineering inspection services for the reconstruction of Canal Blvd., an existing four (4) lane divided boulevard. Included in this project was grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Canal Boulevard from Robert E. Lee Blvd. to Amethyst Street. Pavement striping, signs, and legends and symbols were also included. Construction Management performed by the office and site personnel included:

- Scheduling and attending the preconstruction meeting
- Maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time. All these activities are managed through LaDOTD's SiteManager Program.
- Coordinating with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspecting the Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Preparing final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements. Preparing plan changes and change orders.
- Reviewing and processing Contractor's invoices and generating partial estimates and weather and workday reports in SiteManager.
- Working on the 175 project closeout and submitting all documents required by LADOTD Baton Rouge, Construction Audit.

Key Personnel:

Jim Martin, John Holtgreve, Brett Liuzza, Jeff Monfrey



17. Firm Experience:

Firm Name	Design Engineering, Inc.	Past Performance Evaluation Discipline(s)*	CE&I / OV
Project name	Westwood Drive (WB Expy. to Lapalco Blvd.)	Firm responsibility (prime or sub?)	Prime
Project number	H.011795	Owner's name	Jefferson Parish
Project location	Jefferson Parish, LA	Owner's Project Manager	Mark Drewes
Owner's address, phone, email			1221 Elmwood Park, Suite 802, Jefferson, LA 504.736.6505, mdrewes@jeffparish.net
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)	\$602
Services completed by this firm (mm/yy)	06/20	Cost of consultant services provided by this firm (\$1,000's)	\$602

Design Engineering, Inc. (DEI) was responsible for providing the construction contract administration and construction engineering inspection services for the construction of 0.648 miles of roadway which included 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, signs, and legends and symbols were also included. Construction Management performed by the office and site personnel included:

- Scheduling and attending the preconstruction meeting
- Maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time. These activities were managed through LaDOTD's SiteManager Program.
- Coordinating with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspecting the Contractor's construction operations daily to ensure that all work is performed in accordance with the specified plans and specifications.
- Preparing final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Preparing plan changes and change orders.
- Reviewing and processing Contractor's invoices and generating partial estimates and weather and workday reports in SiteManager.
- Working on the 175 project closeout and submitting all documents required by LaDOTD Baton Rouge, Construction Audit.

Key Personnel:

Jim Martin, John Holtgreve, Brent French, Jeff Monfrey, Justin Duncan



18. Approach and Methodology:

SCOPE OF WORK

Once selected, **Royal Engineers and Consultants (Royal)** and our Subconsultant, Design Engineering, INC (DEI) will provide Construction Engineering and Inspection (CE&I) services for Ascension Parish Government Project Roundabout @ PR 929 and Parker Roads. A Roundabout is to be built at the intersection of Parish Road 929 (Hornsby Rd.) and Parker Road to replace the existing 4-way stop to improve traffic flow and safety. Our team understands that construction of roundabouts at existing intersections typically involve detailed construction sequencing with multiple phases of construction and temporary traffic control configurations to safely maintain traffic throughout construction. Royal and DEI have experience with both construction and design of roundabout projects in Louisiana and are prepared to manage and inspect the project through all phases of construction..

The construction limits include a project length of 0.33 miles at the intersection of Parker Rd and LA-929 in Prairieville, LA. The scope includes (but not limited to) traffic detour(s), removal of existing pavement, base and embankment, incidental paving, and PCCP or asphalt roadway paving and striping. The project is expected to take 112 days.

Royal and DEI have put together a team of certified Base and Embankment, Asphaltic Concrete, and PCC Pavement certified inspectors. Members of our team have successfully completed numerous LADOTD projects as well as other projects with similar scopes, and have adequate resources to draw upon. Our inspectors are proficient in SiteManager, know the LADOTD procedures and processes, and have used Headlight and Material Manager. Our team also includes multiple experienced Project Engineers to effectively manage the project and all backoffice operations.

Work will be performed in the following Phases:



Post award of contract to Royal:

- Royal will begin reviewing the project plans and special provisions
- Royal will receive the LADOTD provided sampling plan and review for implementation
- Royal will attend any necessary department software training courses (Headlight/SiteManager)
- If the LADOTD testing laboratory is unable to provide testing for the project needs Royal has contacted Eustis Engineering to provide as needed project materials testing.

18. Approach and Methodology:

SCOPE OF WORK

Pre-Construction:

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

Construction Phase:

Inspection/Field

- Royal and DEI will provide, as needed, LADOTD Certified Inspector(s) dependent upon project scope.
- 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.
- Royal and DEI's inspectors will provide detailed daily inspection reports with project pictures, quantify installed pay items, and update SiteManager daily.
- Inspectors will document all required sampling and field testing.
- Contractor's traffic control plan(s) will be reviewed and monitored daily to ensure it follows MUTCD guidelines and adheres to project plans.

QA/QC

- The project sampling plan provided during the preconstruction phase will be followed throughout the life of the project.
- Royal and DEI's resident inspectors will ensure that asphalt and/or PCCP lots are sampled per LADOTD specifications.
- Class 2 Base course will be tested in accordance with LADOTD specifications.
- All testing will be observed, photographed, and documented.
- All certificates of release, material certificates, and necessary field paperwork will be obtained and recorded throughout the project.

Project Engineer(s)/Backoffice

- Carter O'Brien, P.E (Royal). will be the Project Engineer with support from Brett Liuzza, P.E. (DEI). Both engineers have over 10 years of heavy civil construction management experience.
- Review for compliance all project submittals throughout the project.
- **RFI's:** Royal will ensure RFI's are answered in a timely manner and that all pertinent information is adequately documented.
- **Change Orders** will be reviewed in accordance with LADOTD specifications; and once recommended for approval, will be routed through SiteManager for electronic signatures.
- **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.
- **Schedule Review:** Royal's team has years of experience reviewing construction schedules to ensure compliance with contract time and ensuring that time claims are valid.
- **Monthly Pay Estimates:** fuel adjustments, time charges, monthly payroll review, and subcontractor payments will be reviewed and approved in SiteManager, as the project requires.
- **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 DEI team members are experienced in providing expert witness testimonies regarding constructability issues and scheduling/CPM disputes.

18. Approach and Methodology:

Substantial Completion:

- **Final Inspection:** Royal will coordinate a final walkthrough with all pertinent parties upon completion of all project bid items. The Project Engineer and Inspector will compile final punch list items for the Contractor to address.
- 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 closeout documents. Closeout documents will be submitted in accordance with LADOTD standard check lists. Royal and DEI 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-Built plans submitted with final estimate reflecting all changes made from original plans
- Form 2059

Sample Schedule

DOTD Contract No. 4400024988

State Project No. H.006457.6

Task Name	Duration	Start	Finish	Q3			Q4			Q1			Q2		
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Contract Duration	112d	10/03/22	03/14/23												
Contract Execution	1d	10/03/22	10/03/22												
Notice to Proceed	1d	10/03/22	10/03/22												
Assembly Period	5d	10/03/22	10/07/22												
Pre-Construction	30d	10/04/22	11/14/22												
Construction	111d	10/04/22	03/14/23												
Final Inspection and Punchlist	30d	02/01/23	03/14/23												
Final Change Order	25d	02/08/23	03/14/23												
Closeout	30d	02/01/23	03/14/23												

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 |

19. Workload:

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

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s)*	State Project Number	Project Name	Remaining Unpaid Balance**
Design Engineering	CE&I/OV	H.007273	Magazine St. (Leake Avenue to East Drive) Orleans Parish	\$92,538.25
Design Engineering	CE&I/OV	H.002956.5	Earhart Expressway at Dakin Street, Route LA 3139 Jefferson Parish	\$118,900.50

20. Certifications/Licenses:

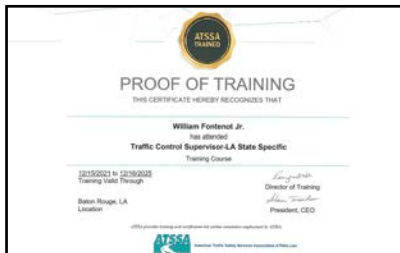
Royal

Michael Pugh, P.E.

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

William Fontenot, Jr., P.E.

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



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

December 17, 2021

To Whom It May Concern,


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

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

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

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

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

Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor

Courtney Kall, P.E.

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



Carter O'Brien, P.E.

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



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

Dec. 8, 2021


To Whom It May Concern,

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

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

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

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

Best Regards,

Thomas L. "Tom" Ervin - ATSSA Master Instructor

20. Certifications/Licenses:

Royal

Katherine Foreman, P.E.



Ryan Hebert, P.E.



Chris Barrilleaux



20. Certifications/Licenses:

Royal

David Schroeder



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

Dec. 3, 2021

To Whom It May Concern,

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

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

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

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

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

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

Best Regards,


Thomas L. "Tom" Ervin - ATSSA Master Instructor

Ryan Schellhaas



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

Dec. 3, 2021

To Whom It May Concern,

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

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

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

LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21- Christopher Barrilleaux & Alex 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.

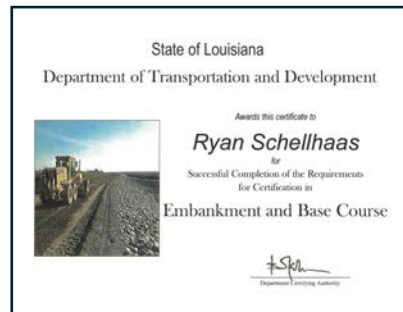
Best Regards,


Thomas L. "Tom" Ervin - ATSSA Master Instructor

Lori Barrilleaux



Chad Albert



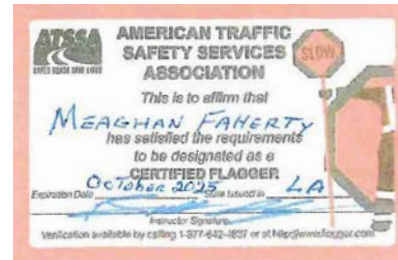
20. Certifications/Licenses:

Royal

Carl McClurg



Meaghan Faherty

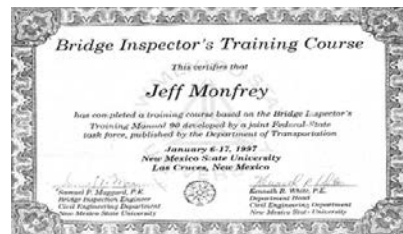
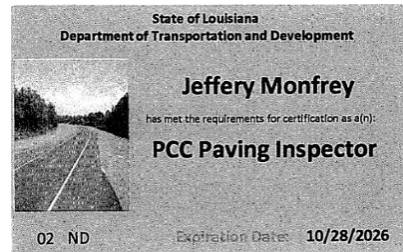


Thomas L. Ervin
 Traffic Doc, LLC
 209 Evangeline Drive
 Mandeville, LA 70471-1894
 Phone 985-373-6534
 Dec. 3, 2021
 To Whom It May Concern,
 This is to verify that the below listed employees Royal Engineers & Consultants have successfully completed ATSSA traffic control training courses in New Orleans, LA as described below:
 LA Specific Traffic Control Technician (TCT) 11-30-21 - 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 Berthelette & 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. Ervin
 Thomas L. "Tom" Ervin - ATSSA Master Instructor

20. Certifications/Licenses:

DEI

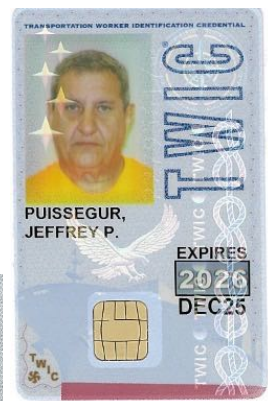
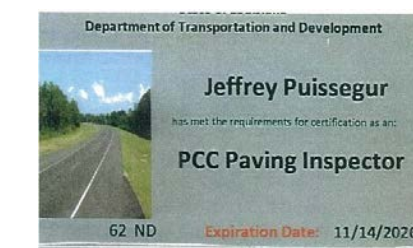
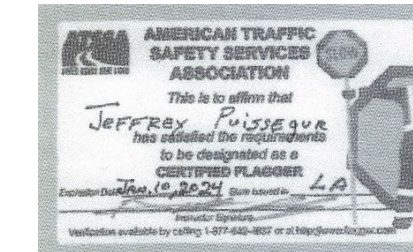
Jeff Monfrey



Brett Liuzza



Jeff Puissegur



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

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22. Subconsultant information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Design Engineering, Inc.	3330 W. Esplanade Avenue S., Suite 205 Metairie, LA 70002	James Martin, Ph.D., P.E., President jmartin@dei-engr.com	504.836.2155

23. Location:

Page left blank in accordance with Section 23 directions.