

ENGINEERING AND RELATED SERVICES

August 6, 2024

Contract No. 4400029889

State Project No. H.013269.6

Federal Aid Project No. H013269

Entity Contract Audubon Ave Ovly: LA 1 to Terrebonne P/L (CE&I) Lafourche Parish

Submitted By:

**ROYAL ENGINEERS AND
CONSULTANTS, L. L. C.**

Submitted To:



DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)

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.

1. Contract Name (as shown in the advertisement)	Audubon Ave Ovly: LA 1 to Terrebonne P/L (CE&I)	10. This is to certify that all information contained herein is accurate/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/agrees that the following information is correct: In preparing a response, the proposer has considered all proposals submitted from qualified, potential subcontractors/suppliers, and has not, in the solicitation/selection/commercial treatment of any subcontractor/supplier, refused to transact/terminate business activities, taken other actions intended to limit commercial relations with person/entity that is engaging in commercial transactions in Israel/Israeli-controlled territories, with specific intent to accomplish a boycott/divestment of Israel. The proposer also has not retaliated against any person/entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder/proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on a false response.	 Signature above shall be the same person listed in Section 9: Date: August 6, 2024
2. Contract Number(s) (as shown in the advertisement)	4400029889		
3. State Project Number(s) (if shown in the advertisement)	H.013269.6		
4. Prime Consultant Name (must match lawfully required registration with LA Secretary of State)	Royal Engineers and Consultants, L.L.C.		
5. Prime Consultant License Number (lawfully required registration LA Professional Engineering & Land Surveying Board)	EF.0003328		
6. Prime Consultant Mailing Address	1501 Religious Street New Orleans, LA 70130		
7. Prime Consultant Physical Address (existing/to be established)	1501 Religious Street New Orleans, LA 70130		
8. Name, Title, Phone Number, and Email (Prime Consultant's Contract Point of Contact)	Alec Carter O'Brien, P.E., Project Manager 504-283-9400 cobrien@royalengineering.net		
9. Name, Title, Phone Number, and Email (Official with Signing Authority)	Michael Pugh, P.E., President, Principal 504-283-9400 mpugh@royalengineering.net	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): Firm(s)' % N/A N/A

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Royal Engineers and Consultants, L.L.C.	T. Baker Smith LLC	Each Discipline Must Total 100%
CE&I/OV	100%	75%	25%	100%
Percent of Contract	100%	75%	25%	100%

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm Name	DOTD Job Classification	Number of Committed Personnel	Total Number Personnel Available in Job Classification
Royal Engineers and Consultants, L.L.C.	Engineer	1	7
	Inspector – Certified	1	4
	Project Office Manager	1	10
	Principal	1	3
T. Baker Smith LLC	Engineer*	1	n/a
	Inspector	1	n/a

*Will serve as a backup engineer for review of field deliverables as needed and if needed.

14. Organizational Chart:



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B)	Firm	License Type & Discipline Meeting MPR/ Certification & Number (Ex: PE # - Civil)	State of License	License, Certification, & Expiration Date
1	Michael Pugh, P. E.	Royal	P.E. 30911 Professional Engineer, Discipline: Civil	LA	03/31/2026
2	Alec Carter O'Brien, P. E.	Royal	P.E. 43647 Professional Engineer, Discipline: Civil	LA	03/31/2026
3	Alec Carter O'Brien, P. E.	Royal	P.E. 43647 Professional Engineer, Discipline: Civil	LA	03/31/2026

16. Staff Experience:

Firm Employed By: Royal Engineering and Consultants, L.L.C.

Name: Michael Pugh, P.E.	Title: Principal	Year Registered: 2003	Discipline: Professional Engineer, Civil
Years of Relevant Experience with this Employer: 19		Years of Relevant Experience with Other Employer(s): 8	
Degree(s) / Years / Specialization: BS / 1997 / Civil Engineering		Active Registration Number / State / Expiration Date: 30911 LA 03/31/26	
Contract Role(s) / Brief Description of Responsibilities: Principal, MPR 1			



Experience Dates	Experience and Qualifications Relevant to the Proposed Contract
27 Years of Experience	Mr. Pugh has 27 years of experience in designing roads, sidewalks, and pedestrian facilities, and in management and oversight of Construction Engineering & Inspection (CE&I) functions of small- and large-scale roadway enhancement projects.
11/19 – 06/22 <i>Featured Project</i>	Roadway Restoration Program City of New Orleans Department of Public Works Scope: Provided CE&I services for the Roadway Restoration Program, which included restoration of concrete and asphalt roadways and associated infrastructure (i.e., sidewalks, driveways, drainage, sewer, and water). Provided construction management and administration, supervised resident inspectors, and was responsible for QA/QC of field deliverables. As the project lead, was also responsible for data management and reporting, review of estimates/pay applications and project closeout tasks. Role: Principal Engineer for Construction Phase. Responsible for all CE&I deliverables.
06/18 – 06/19	Citywide Construction Administration and Resident Inspection Services City of New Orleans Public Works Scope: Provided CE&I services and oversight of annual maintenance contractors in 5 maintenance zones citywide. Oversight of repair and restoration of pavement and associated infrastructure, sidewalks and ADA compliance. Responsible for leading a team that inspected 30-35 sites per maintenance zone monthly. Role: Principal Engineer. Responsible for all CE&I deliverables.
03/17 – 05/19	Taxiway F Phase III Enabling Project Lafayette Regional Airport Scope: Provided CE&I and Construction Management services for the Lafayette Airport Taxiway Foxtrot Phase III construction project. The project created a parallel taxiway for Runway 4L-22R and a connector taxilane to extend Taxilane A to provide access to the new terminal. Responsibilities included performing a project constructability review. Role: CE&I Subject Matter Expert.

12/10 – 01/17	<p>Streetcar Expansion Program Construction Management New Orleans Regional Transit Authority</p> <p>Scope: Construction Management and CE&I services for the installation 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 and Elysian Fields, refurbishment of over 40 historic light poles, overhead catenary system installation, installation of a traction powered substation, utility relocation and upgrades, and road milling and repaving.</p> <p>Role: Principal Engineer. Responsible for all CE&I deliverables.</p>
11/10 – 08/11	<p>Bloski Avenue Extension U.S. Naval Facilities Engineering Command Southeast in Belle Chasse, LA</p> <p>Scope: Construction Management of 1,300-foot asphalt roadway, sidewalks, concrete driveways, solar street lighting and stormwater drainage infrastructure. 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). Through value engineering efforts, Mr. Pugh reduced NAVFAC's projected costs by approximately \$800,000 and reduced the project schedule by 50 days.</p> <p>Role: Principal Engineer. Responsible for all CE&I deliverables.</p>
03/07 – 10/09	<p>Roadway Restoration Project St. Bernard Parish</p> <p>Scope: Engineering design for and construction management services for the restoration of all concrete and asphalt roadways and associated infrastructure, including sidewalks, driveways, drainage, sewer, and water systems, that suffered damage during Hurricane Katrina and recovery efforts that followed. The project included the design, bidding, and construction management of 178 roadways with a nearly \$60 million construction value.</p> <p>Role: Principal Engineer. Served as the Lead Design Engineer and as the primary technical resource during construction for RFIs, Change Orders, Estimates/Pay Apps.</p>


Firm Employed By: Royal Engineers and Consultants, L.L.C.

Name: Alec Carter O'Brien, PE	Title: Engineer	Year Registered: 2019	Discipline: Civil Engineer
Years of Relevant Experience with this Employer: 5		Years of Relevant Experience with Other Employer(s): 6	
Degree(s) / Years / Specialization: BS / 2013 / Civil Engineering		Active Registration Number / State / Expiration Date: 43647 / LA / 03/31/26	
Contract Role(s) / Brief Description of Responsibilities: Engineer, MPR 2 & MPR 3			





Experience Dates	Experience and Qualifications Relevant to the Proposed Contract
11 Years of Experience	<p>Mr. O'Brien is a licensed Engineer with 11 years of heavy civil, roadway, drainage, and bridge construction management and design experience. Mr. O'Brien has led, from Project Kickoff to Closeout, dozens of CE&I and Construction Management projects for DOTD, FEMA, the Port of New Orleans, and various municipalities. He has extensively worked in structural concrete, asphalt paving, PCCP, catch basins, drainage, and sidewalk projects.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>
05/24-Ongoing <i>Featured Project</i>	<p>Crescent City Connection Decorative Lighting Project (CE&I) DOTD Contract H.015504.6</p> <p>Scope: DOTD is installing a new decorative lighting system for the Crescent City Connection bridge at a cost of approximately \$20.7million. Damage from Hurricane Ida created electrical system surges that resulted in the installation of a new LED system that features lights on the trusses of the bridges and lights illuminating the piers. Royal is providing leadership and staff for CE&I services.</p> <p>Role: Engineer. Responsible for all CE&I deliverables as the Project Lead. Supervises Inspectors and the Project Office Manager. Responsible for QA/QC of all deliverables, maintaining the project schedule, and all contractor coordination and oversight.</p>
06/23 – Ongoing <i>Featured Project</i>	<p>US 90Z Harvey Canal Tunnel Rehabilitation (CE&I) DOTD Contract H.010673</p> <p>Scope: Royal serves as a subconsultant providing CE&I services for the rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. The approximately \$50million rehabilitation includes new tile lining, drainage pumps, pavement, structural, electrical and ventilation systems.</p> <p>Role: Engineer. Responsible for CE&I deliverables, including management of inspectors, compliance with plans and specifications, QA/QC of field reports, conducting progress meetings with contractors and maintaining project schedule.</p>
06/23 – Ongoing <i>Featured Project</i>	<p>Lafayette Parish Non-State Pvmr Markings (CE&I) DOTD Contract H.015018.5 (Entity)</p> <p>Scope: Providing construction contract administration and CE&I services for the construction and restriping of 14 miles of roadway along Cajundome Boulevard, East Pinhook Road/Teurlings Avenue, Kaliste Saloom Road, Mudd Avenue, and Gendarme Road in Lafayette Parish.</p> <p>Role: Engineer. Responsible for CE&I deliverables, including management of inspectors, compliance with plans and specifications, QA/QC, reporting and document control, RFIs, change order requests, and as-builts.</p>

<p>04/18 – 02/20</p> <p><i>Featured Project</i></p>	<p>St. Gabriel Roadway Repair: Phase 5 City of St. Gabriel, LA</p> <p>Scope: CE&I services for the restoration of four roadways and the full reconstruction of one roadway. The scope consisted of cold planing of existing asphalt, lime and soil cement treatments, asphalt binder and wearing overlay.</p> <p>Role: Engineer. Responsible for construction management, assisted in design alterations during construction, and produced as-built drawings for post-construction closeout.</p>
<p>06/17 – 08/20</p>	<p>Sales Tax Street and Road Rehabilitation Program East Baton Rouge Parish, LA</p> <p>Scope: Ongoing Department of Public Works initiative rehabilitating roadways in Baton Rouge. Individual projects These projects include a variety of rehabilitation jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement.</p> <p>Role: Engineer Intern and Engineer. Supported the Project Engineer on CE&I functions. Supervised inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders, and assisted the Project Engineer on project administration as Engineer Intern. Later served as Engineer on 20 individual projects all over the Parish.</p>
<p>01/19 – 08/19</p>	<p>I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route St. Martin Parish, LA</p> <p>Scope: CE&I project tasked with widening the westbound lanes of I-10, including reconstruction of east and westbound lanes and widening of four structures in St. Martin Parish. The project footprint covered 3.436 miles and cost \$52 million.</p> <p>Role: Engineer Intern. Responsible for Critical Path Method (CPM) schedule review.</p>
<p>08/14 – 08/16</p>	<p>US-51 Business Roundabouts DOTD Contract H.003432</p> <p>Scope: Construction Management for the installation of roundabouts on U.S. 51 Business at the intersection of I-12 in Hammond.</p> <p>Role: Engineer Intern. Served as a field engineer responsible for problem identification and resolution onsite. Prepared concrete and asphalt mix designs in accordance with the project plans and specifications. Responsible for traffic control design, updating the CPM schedule monthly, and preparing as-builts.</p>

Firm Employed By: Royal Engineers and Consultants, L.L.C.					
Name: Jeffrey Monfrey		Title: Senior CE&I Inspector	Year Registered: N/A		Discipline: N/A
Years of Relevant Experience with this Employer: 2		Years of Relevant Experience with Other Employer(s): 26			
Degree(s) / Years / Specialization: N/A		Active Registration Number / State / Expiration Date: N/A			
Contract Role(s) / Brief Description of Responsibilities: Inspector-Certified					
Experience Dates		Experience and Qualifications Relevant to the Proposed Contract			
28 Years of Experience		Mr. Monfrey has nearly 30 years of experience in various road and bridge construction environments. He has provided resident and construction services for roadway and structural projects. 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			
08/23 – Ongoing Featured Project		Lafayette Parish Non-State Pvmnt Markings (CE&I) DOTD Contract H.015018.5 (Entity) Scope: Providing construction contract administration and CE&I services for the construction and restriping of 14 miles of roadway along Cajundome Boulevard, East Pinhook Road/Teurlings Avenue, Kaliste Saloom Road, Mudd Avenue, and Gendarme Road in Lafayette Parish Role: Inspector-Certified. Responsible for daily observation of construction activities, daily reporting, quantity tracking, and inspection of work progress to ensure compliance with plans and specifications.			
03/23 – Ongoing Featured Project		US 90 Z Harvey Canal Tunnel Rehabilitation (CE&I) DOTD H.010673.6 Scope: Royal serves as a subconsultant providing CE&I services for the rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. The approximately \$50million rehabilitation includes new tile lining, drainage pumps, pavement, structural, electrical and ventilation systems. Role: Inspector-Certified. Responsible for daily observation of construction activities, including new tile lining, drainage pumps, pavement, and ventilation systems. Conducts inspections daily and prepares daily reports. Attends progress meetings.			
02/19 – 04/23		Causeway Blvd. Overpass and Ramp Rehabilitation at Airline Dr. (CE&I) Jefferson Parish Scope: Rehabilitation of the overpass of Causeway Boulevard at Airline Drive, including ramps 6 and 7. The scope of work included structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Role: Inspector -Certified. Responsible for Inspection of construction, including tracking work progress and quantities, preparing daily reports and maintaining project diary. Attended all progress meetings.			

04/19 – 06/20	<p>Westwood Drive: Westbank Expressway to Lapalco (CE&I) DOTD SP NO. H.011795</p> <p>Scope: CE&I of Construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with a barrier curb, mountable curb and gutter. This project included a 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.</p> <p>Role: Inspector – Certified. Responsible for resident inspections, observing construction progress and acceptability of traffic control. Tracked construction progress and contractor personnel, equipment in use, and quantities. Prepared daily reports and maintained project documents.</p>
10/18 – 03/20	<p>Canal Boulevard: Allen Toussaint Boulevard– Amethyst (CE&I) DOTD SP No. H007271.6</p> <p>Scope: CE&I for a reconstruction an existing four (4) lane divided boulevard. The 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, and signage.</p> <p>Role: Inspector- Certified. Responsible for responding to RFIs, performing site visits, negotiating change orders, performing substantial completion inspections, and handling unforeseen site conditions. Contract administration and CE&I was managed through DOTD Site Manager.</p>

16. Staff Experience:

	Firm employed by: T. Baker Smith, LLC			
	Name	Robert Chauvin, Jr.	Years of relevant experience with this employer	5
	Title	Senior Project Representative	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		Bachelor of Science / 1999 / Business Administration		
Active registration number / state / expiration date				
Year registered		Discipline		
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 years of experience specified in the applicable MPR(s).			
<p>Robert has more than 32 years of inspection experience, during which he has served as a fire marshal and construction inspector. He has performed construction inspection services for marsh creation and restoration projects as well as pump station construction and roadway improvement projects. His duties have included monitoring construction activities, submitting daily work reports, quality assurance inspection of installed work items, measuring and calculating quantities for pay, monitoring contractor’s work schedules, and monitoring contractor’s adherence to quality control plans and schedules. He also participates in pre-construction meetings, conducts preparation meetings for work activity transitions, and construction progress meetings.</p>				
05/23 – Ongoing	I-12 LA 1077 to LA 21 (CE&I); LADOTD; St. Tammany Parish, LA – Construction Project Representative. Provided construction monitoring and inspection services for this project which included basic design services, surveying, construction administration, and construction inspection for the I-12 corridor through St. Tammany Parish.			
5/20 – 5/20	Move Ascension, Ascension Parish Government; Ascension Parish, LA – Construction Project Representative. Managed a project to rehabilitate and upgrade various roadways and bridges throughout Ascension Parish.			
8/19 – 8/19	Amelia Roadway Improvement; St. Mary Parish Government; St. Mary Parish, LA – Construction Project Representative. Provided construction monitoring and inspection services for this project which included basic design services, surveying, construction administration, and construction inspection for multiple roads in the Amelia area.			
07/22 – 08/22	Bayou Chene Flood Control; CPRA; St. Mary Parish, LA – Construction Representative. The project scope was to build a large flood control structure for the Coastal Protection Restoration Authority in St Mary Parish, LA. In this role, he provided construction monitoring and inspection services for the owner. He recorded daily reports, took photographs, and monitored construction activities and schedules. He conducted quality assurance inspection of installed work items, measured and calculated quantities for pay, and monitoring contractor’s adherence to quality control plans and schedules. He also participated in preconstruction meetings, conducted preparation meetings for work activity transitions, and attended construction progress meetings..			
1/17– 10/23	Houma Navigation Canal Lock Complex; Terrebonne Parish, LA – Served as a Construction Project Representative on this project to build a new lock system on the Houma Navigation Canal in Terrebonne Parish, LA. In this role, he provided construction monitoring and inspection services for the owner. He recorded daily reports, took photographs, and monitored construction activities and schedules. He conducted quality assurance inspection of installed work items, measured and calculated quantities for pay, and monitoring contractor’s adherence to quality control plans and schedules. He also participated in preconstruction meetings, conducted preparation meetings for work activity transitions, and attended construction progress meetings.			

Firm Employed By: Royal Engineers and Consultants, L.L.C.
Name: Meaghan Faherty **Title:** Project Office Manager

Year Registered: N/A **Discipline:** N/A

Years of Relevant Experience with this Employer: 7

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

Contract Role(s) / Brief Description of Responsibilities: Document Control, Record Keeping, Close-out


Experience Dates	Experience and Qualifications Relevant to the Proposed Contract
7 Years of Experience	<p>Ms. Faherty is an experienced document controller who has worked on several major roadway programs in Louisiana. She has provided field and office support for multiple Royal projects. She supports office management with reporting, document control, and other responsibilities.</p> <p>Certifications: Traffic Control Supervisor, Traffic Control Technician, Certified Flagger</p>
05/24-Ongoing <i>Featured Project</i>	<p>Crescent City Connection Decorative Lighting Project (CE&I) DOTD Contract H.015504.6</p> <p>Scope: DOTD is installing a new decorative lighting system for the Crescent City Connection bridge at a cost of approximately \$20.7million. Damage from Hurricane Ida created electrical system surges that resulted in the installation of a new LED system that features LED lights on the trusses of the bridges and lights illuminating the piers. Royal is providing a project engineer, office manager, and inspectors.</p> <p>Role: Project Office Manager. Responsible for document control in daily reporting, estimates/pay applications, and change orders.</p>
06/23 – Ongoing <i>Featured Project</i>	<p>Lafayette Parish Non-State Pvmnt Markings (CE&I) DOTD Contract H.015018.5 (Entity)</p> <p>Scope: Providing construction contract administration and CE&I services for the construction and restriping of 14 miles of roadway along Cajundome Boulevard, East Pinhook Road/Teurlings Avenue, Kaliste Saloom Road, Mudd Avenue, and Gendarme Road in Lafayette Parish.</p> <p>Role: Project Office Manager. Responsible for document control in daily reporting, estimates/pay applications, and change orders.</p>
11/19 – Ongoing	<p>FEMA Roadway Restoration Program New Orleans, LA</p> <p>Scope: Provide CE&I and Construction Management services for the for the City of New Orleans Department of Public Works on a FEMA-funded roadway repair program. Program includes addressing pavement rehabilitation and associated drainage, sewerage, and water repairs.</p> <p>Role: Inspector. Project Office Manager.</p>
10/20 – 11/20	<p>Clarence Henry Truckway Turnaround Pavement Rehabilitation New Orleans, LA</p> <p>Scope: Royal performed construction management and resident inspection for the Clarence Henry Truckway Turnaround Pavement Rehabilitation project. The scope of construction was to setup a detour, cold plane (mill), overlay (2" wearing and 4" binder) and restripe the turnaround.</p> <p>Role: Project Office Manager. Responsible for quality control and document reviews.</p>

16. Staff Experience:

	Firm employed by: T. Baker Smith, LLC			
	Name	Marc Dunn, Jr., PE		Years of relevant experience with this employer
	Title	Senior Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Science / 2015 / Civil Engineering		
Active registration number / state / expiration date		PE.43705 / Louisiana / 03.31.2026		
Year registered	2019	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Engineer-Backup. Will perform construction management engineering services on an as needed basis on the project.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
<p>Marc Dunn, PE is a Senior Project Manager with over 13 years of experience focusing on construction inspection and quality control for various projects, including transportation projects. He has completed over 40 projects and was involved in over 20 projects with the East Baton Rouge Road Rehabilitation Program. His experience includes project management and estimation, requests for information, change order development, construction and design of road and bridge projects for local municipalities and governmental agencies, management of inspectors and construction staff, and development of QA/QC plans. He is adept in addressing design and construction challenges by devising and executing effective solutions. He has monitored the installation of materials and equipment for compliance with drawings and specifications while completing daily construction tasks to provide safe working conditions, stay on budget, and meet project deadlines. He reviews and provides recommendations to improve design, construction methods, and materials based on field or changing project conditions. He performs constructability reviews encompassing independent, structured assessments of construction bid documents for the client’s efficiency and budgetary concerns. Marc maintains the ATSSA Traffic Control Supervisor (TCS) and Flagger certifications.</p>				
07/19 – 06/24 *	S.P. No. H.011670, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project; LADOTD; Jefferson Parish, LA — Assistant Project Engineer. The Owner Verification firm provided all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with managing the implementation of the Project’s Construction Quality Assurance Program (CQAP). Marc oversaw the inspectors performing owner verification and the QC firm on the daily field operations. He assisted the Project Engineer with design review meetings and field operations.			
04/23 – 06/24 *	S.P. No. H.010960, LA 30 Roundabouts at Tanger Mall and I-10; LADOTD; Ascension Parish, LA — Project Engineer. Marc was the project Engineer of the construction of the 3 roundabout at the intersection of LA 30 and Interstate 10 in Gonzales, LA near Tanger Mall.			
05/15 – 06/24 *	S.P. No. H.009479, West Larose Vertical Lift Bridge Rehabilitation; LADOTD; Lafourche Parish, LA — Engineer. Marc assisted the Project Engineer with rehabilitating the West Larose Bridge. The project includes the construction of a new fender system, the removal of the existing paint system and repainting, structural repairs and bolt replacement, and rehabilitation of the electrical and mechanical systems.			

16. Staff Experience: **Marc Dunn, Jr., PE - continued**

08/20 – 02/23 *	RR166 / St. Bernard Group A: New Orleans, LA – Project Engineer. Marc oversaw the construction of water main installation and replacement, as well as street repair in the St. Bernard Neighborhood in New Orleans, Louisiana for the Sewerage and Water Board of New Orleans and the City of New Orleans Department of Public Works.
01/14 – 06/19 *	East Baton Rouge City Parish Street and Road Rehabilitation Program; East Baton Rouge Parish, LA – Engineer. Marc assisted the Project Engineer which began in 1990. Marc provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past five years. My previous employer had been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. Dunn has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace & Shadows of White Oak, 15-05 Brookstown, 15-06 H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale & Lobdell, 15-09 Pearirs Road & Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 H.011364 Goodwood Blvd., 16-02 H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalrymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)
02/15 – 05/17 *	S.P. No. H.006831, Baton Rouge ITS Deployment Phase 3; LADOTD; Ascension, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge Parishes, LA – Engineer Intern. Marc assisted the Project Engineer with the Engineering and Inspection services for the Baton Rouge ITS Deployment Phase 3 Project. The project consisted of construction and integration of five (5) new DMS sites, ten (10) new CCTV sites, one (1) new hub site, thirty (30) Bluetooth Vehicle Detectors (combined with new and existing sites), and five (5) miles of new fiber optic build-out, conduit, and associated pullboxes.
*previous employer	

17. Firm Experience:

Firm Name: Royal Engineers and Consultants, L.L.C.		
Project Name: Crescent City Connection Decorative Lighting Project	Past Performance Evaluation Discipline(s): CE&I/OV	
Project No.: H.015504.6	Owner's Name: Louisiana DOTD	Owner's Project Manager: Corbett Hollier, PE
Project Location: New Orleans, LA	Cost of Consultant Services Provided by this Firm: \$391.8	Total Consultant Contract Cost: \$391.8
Owner's Address, Phone, Email: 2001 Mardi Gras Blvd. New Orleans, LA 70114; (504) 376-0210; corbett.hollier@la.gov		
Services Commenced by this Firm: 05/24	Services Completed by this Firm: Ongoing	Firm Responsibility: Sub

As part of infrastructure improvements in New Orleans in preparation for the 2025 Superbowl, DOTD is installing a new decorative lighting system for the Crescent City Connection bridge. The system features LED lights on the trusses of the bridges and lights illuminating the piers. The original decorative lighting system was installed in 1987, a gift of the Young Leadership Council of New Orleans through a major capital fundraising campaign. Eventually, damage from Hurricane Ida created electrical system surges that resulted in the immediate shortage of replacement bulbs. The only remaining options were the reconstruction of an outdated electrical grid or the complete overhaul to a new technology. The new LED system was chosen.

The \$20.7 million project is currently underway. Royal, as a subconsultant to Gulf Engineers and Consultants (GEC), is providing a Project Engineer, Office Manager, and Resident Inspectors to assist with executing the project.

Project Deliverables

- Review and coordination of RFI's, submittals, and document control
- Full-time resident construction engineering and inspections
- Daily reporting to DOTD via Headlight, SiteManager, Materials Manager)
- Review and approve monthly estimates
- Review and approve change orders
- Document, generate, and monitor NCR incident or other corrective items

Key Personnel:

Alec Carter O'Brien, P.E., Project Engineer
 Jeffrey Monfrey, Inspector-Certified
 Meaghan Faherty, Project Office Manager



Firm Name: Royal Engineers and Consultants, L.L.C.

Project Name: Entity Contract for Lafayette Parish Non-State Pvmt Markings

Past Performance Evaluation Discipline(s): CE&I/OV

Project No.: H.015018.5

Owner's Name: Louisiana DOTD

Owner's Project Manager: Ryan Richard

Project Location: Lafayette Parish

Cost of Consultant Services Provided by this Firm: \$127.2

Total Consultant Contract Cost: \$127.2

Owner's Address, Phone, Email: 1201 Capitol Access Rd, Baton Rouge, LA; (225) 379-1389; ryan.richard@la.gov

Services Commenced by this Firm: 06/23

Services Completed by this Firm: Ongoing

Firm Responsibility: Prime

Royal is providing construction contract administration and construction engineering and inspection services for the restriping of Cajundome Boulevard, East Pinhook Road/Teurlings Avenue, Kaliste Saloom Road, Mudd Avenue, and Gendarme Road in Lafayette Parish.



Royal hosted the Pre-construction meeting for the 13.8-mile-long project and assisted DOTD with its public notices for the start of the project. Royal ensured the proper material submittals were received from the contractor and reviewed promptly. During construction, Royal provides on-site full-time resident inspection, uploading reports into the department's Headlight and SiteManager software. Royal manages the pay estimates, change orders, field issues, and correspondence with all project members as the project progresses.

Royal personnel ensures that work is performed according to DOTD plans and specifications and provides progress reports to the DOTD based on daily inspections. During Project Closeout, Royal will prepare the 2059 and other required turn-in documents.

Key Personnel:

Alec Carter O'Brien, P.E. Project Engineer
Jeffrey Monfrey, Inspector-Certified
Meaghan Faherty, Project Office Manager



Firm Name: Royal Engineers and Consultants, L.L.C.

Project Name: US 90Z Harvey Canal Tunnel Rehabilitation (CE&I)

Past Performance Evaluation Discipline(s): CE&I/OV

Project No.: H.010673

Owner's Name: Louisiana DOTD

Owner's Project Manager: Corbett Hollier, PE

Project Location: Jefferson Parish

Cost of Consultant Services Provided by this Firm: \$728.6

Total Consultant Contract Cost: \$728.6

Owner's Address, Phone, Email: 2001 Mardi Gras Blvd. New Orleans, LA 70114; (504) 376-0210; corbett.hollier@la.gov

Services Commenced by this Firm: 06/23

Services Completed by this Firm: Ongoing

Firm Responsibility: Sub

As a subconsultant, Royal is providing CE&I services for the complete rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. Total project size is estimated to be upwards of \$50 million. The rehabilitation includes new tile lining, drainage pumps, pavement, electrical, and ventilation systems.

It was built in 1957 to go underneath the Harvey Canal on Old Business US 90. The tunnel has a length of 1,079 feet and four traffic lanes and was in critical need of rehabilitation.



Royal assists with construction field records and maintaining the project diary. Resident inspectors check the contractor's construction operations to ensure that all work is performed in accordance with the plans and specifications, using approved materials.

Royal maintains records of the construction operations, prepares monthly pay estimates, and makes monthly progress reports in conformance with DOTD requirements.

Key Personnel:

Alec Carter O'Brien, P.E. Project Engineer
Jeffrey Monfrey, Inspector-Certified
Meaghan Faherty, Project Office Manager



Firm Name: Royal Engineers and Consultants, L.L.C.

Project Name: Roadway Restoration Program: Bayou St. John, Fairgrounds, and Seventh Ward Group B Roads		Past Performance Evaluation Discipline(s): CE&I/OV
Project No.: N/A	Owner's Name: City of New Orleans Department of Public Works	Owner's Project Manager: Josh Hartley, P.E.
Project Location: New Orleans, LA	Cost of Consultant Services Provided by this Firm: \$1,000	Total Consultant Contract Cost: \$1,200
Owner's Address, Phone, Email: 1300 Perdido St # 6W03, New Orleans, LA 70112; (504) 606-0707; jwhartley@nola.gov		
Services Commenced by this Firm: 10/19	Services Completed by this Firm: Ongoing	Firm Responsibility: Prime



As part of a Construction Administration and Resident Inspection contract with the City of New Orleans Dept. of Public Works, Royal provides construction management services for \$23 million in 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. It requires the replacement of roadway pavement, 4.6 miles of waterlines, sewer lines, and drainage. The work also includes modifications to sidewalks and curb enhancements improve consumer mobility related 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 workforces 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 and assist in evaluating the Construction Contractor payment requests.

Deliverables include the following:

Construction Field Records, including Daily Reports/Working Day Reports, Final Inspection Report, Monthly Pay Requests, Schedule Updates, and Weather Reports, Overrun/Underrun Statement, Plan Change Requests/Field Change Authorizations, Warranty Inspection Report, and Final "As Built" Drawings.

Key Personnel:

Michael Pugh, P.E. Principal
Alec Carter O'Brien, P.E. Project Engineer
Jeffrey Monfrey, Inspector-Certified
Meaghan Faherty, Project Office Manager



Firm Name: Royal Engineers and Consultants, L.L.C.

Project Name: Saint Gabriel Road Repair **Past Performance Evaluation Discipline(s):** CE&I/OV

Project No.: N/A **Owner's Name:** City of St. Gabriel **Owner's Project Manager:** Lloyd Snowten

Project Location: Saint Gabriel, LA **Cost of Consultant Services Provided by this Firm:** \$267 **Total Consultant Contract Cost:** \$358

Owner's Address, Phone, Email: 5035 Iberville Street, St. Gabriel, LA 70776; (225) 642-9600; LSnowten@stgabriel.us

Services Commenced by this Firm: 08/19 **Services Completed by this Firm:** 01/20 **Firm Responsibility:** Prime

This project consisted 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.



Construction management services included general contract management and administration activities; document control functions; conducting construction conference; reviewing pay applications, evaluating and determining acceptability of substitute 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 inspections.



CE&I Services included resident inspections. Royal assisted with technical issues arising during construction, utility coordination and relocations, conducted progress meetings, observed construction at all times the contractor was installing critical work items. Royal provided on-site quality assurance and inspected, measured and appropriately tracked work completed for pay estimates. Inspectors documented work progress in reports and with photographs, verifying the contractor provided adequate traffic control and site safety procedures.


Key Personnel:

Michael Pugh, P.E. Principal

Alec Carter O'Brien, P.E. Project Engineer

Meaghan Faherty, Project Office Manager

17. Firm Experience:

	Firm Name: T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*		CE&I/OV
	Project Name: Bayou Gardens Blvd. Extension: LA 660 to LA 316 - Ph I & II			Firm responsibility (prime or sub?)		Prime
Project number	07-EXT-22		Owner's name	Terrebonne Parish Consolidated Government		
Project location	Terrebonne Parish, LA		Owner's Project Manager	Al Levron		
Owner's address, phone, email		8026 Main Street, Houma, LA 70360; 985.873.6407; allevron@tpcg.org				
Services commenced by this firm (mm/yy)		03/09	Total consultant contract cost (\$1,000's)		\$1,772	
Services completed by this firm (mm/yy)		09/17	Cost of consultant services provided by this firm (\$1,000's)		\$1,772	



RELEVANCY TO THE CONTRACT:

- Concrete Roadway • Paving • Construction Engineering

The Bayou Gardens Extension project was a continuation of the Bayou Gardens Extension and Widening projects (S.P. 742-05-0099 & 742-07-0019) completed by TBS in 2000, which consisted of widening the two-lane highway to four lanes with a 300-foot wide grassed median and the extension thereof. Before the project began, Bayou Gardens Blvd. formed a three-legged "Tee" intersection at LA 660 (Coteau Road). The Bayou Gardens Extension project extended this roadway to connect LA 660 with LA 316 (Bayou Blue Road) and consisted of a four-lane roadway (UA-2 classification) with a raised median. The project consisted of approximately 1.6 miles of concrete roadway and twin, seven-span, 140' long, curved, cast-in-place bridges over St. Louis Bayou. The project was divided into two phases. The first phase included constructing two of the proposed four lanes of the project and the second phase would complete the four-lane corridor. Each phase was divided into two "sub-phases" which included embankment surcharge programs from the roadway lanes being constructed. The embankment was allowed to surcharge for ten months prior to the roadway paving and bridge construction portions.

TBS completed the embankment surcharge phase for the first two lanes in August 2012 and construction was completed in November 2013. TBS completed the final design of the roadway paving and bridge phase for the first two lanes of the corridor, which was bid in mid-2014. Construction for Phase II began in 2015 and was completed in 2017. Preliminary design of the remaining two lanes of the corridor was completed during the initial design phase of the project. Included in the paving and bridge



phase for the first two lanes of the corridor was approximately 4,000 linear feet of left and right turn lanes on LA 316 and LA 660 and a right turn lane along the existing Bayou Gardens Blvd. Turn lane plans included signal upgrades/relocations, utility relocation and right of way acquisition. Bayou Gardens Extension traversed two major pipeline corridors, which required extensive coordination for the relocation of these facilities.


Construction for Phase I of the project was completed in November 2013 and Construction for Phase II was completed in January 2017. CE&I services for this project included reviewing submittals and RFIs related to the construction of the roadway for compliance with the plans, specifications, and applicable design guidelines. TBS provided on-site project representation to record all daily work items and to ensure those contract items were installed in accordance with the plans and specifications. The TBS CE&I team made site visits and offered guidance when technical difficulties with concrete construction, paving, or pile driving difficulties presented themselves. TBS coordinated with contractors, the owner's representatives, and other technical personnel to enable the roadway to be constructed according to the contract documents and within time limitations and budget.

Critical Issues and Similarities to this Project

- Asphalt roadway paving
- Drainage improvements
- Permanent signing



17. Firm Experience:

	Firm name: T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*		CE&I/OV
	Project name: Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road)				Firm responsibility (prime or sub?)	Prime
Project number	2016-028-RB	Owner's name	Jefferson Parish Government			
Project location	Jefferson Parish, LA		Owner's Project Manager	Mark Drewes		
Owner's address, phone, email		1221 Elmwood Park Blvd., Suite 802, Jefferson, LA 70123-2337; 504.736.6505; mdrewes@jeffparish.net				
Services commenced by this firm (mm/yy)		02/19	Total consultant contract cost (\$1,000's)			\$243
Services completed by this firm (mm/yy)		08/19	Cost of consultant services provided by this firm (\$1,000's)			\$243



RELEVANCY TO THE CONTRACT:

- Bidding Assistance • Main Point of Contact for Client, Subconsultants, and Landowners • Construction Engineering
- Onsite Inspection

The eastbound lanes of West Esplanade Avenue between Tartan Drive and Haring Road were in less-than-desirable condition due to general wear and tear, various patch repairs and the overall age of the roadway. Jefferson Parish, LA contracted TBS to restore and rehabilitate the roadway to like-new condition. TBS completed design of the improvements and coordinated the public bid of the project in collaboration with the Road Bond Program Manager and Jefferson Parish.

TBS provided Construction Engineering and Inspection services throughout the construction and closeout of the project. These CE&I services included reviewing submittals and RFIs related to the construction of the roadway and drainage structures for compliance with the plans, specifications, and applicable design guidelines. TBS provided on-site project representation through a subcontractor to record all daily work items and to ensure those contract items were installed in accordance with the plans and specifications. The TBS



CE&I team made site visits and offered guidance when technical difficulties with construction presented themselves. TBS coordinated with contractors, the owner's representatives, and other technical personnel to enable the roadway to be constructed according to the contract documents and within time limitations and budget.


TBS also completed Record Drawings and assisted the Parish and Road Bond Program Manager with final project closeout tasks. In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project included roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy duty curbing, adjustment of various catch basins and manholes, ADA compliant handicap accessible curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting.

Critical Issues and Similarities to this Project

- Drainage improvements
- Water / utility services



17. Firm Experience:

	Firm name: T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*		CE&I/OV
	Project name: I-12 Widening: LA 1077 to LA 21 (CE&I)			Firm responsibility (prime or sub?)		Prime
Project number	H.011137	Owner's name	Louisiana Department of Transportation and Development			
Project location	St. Tammany Parish, LA		Owner's Project Manager	Jacob Fusilier, PE, PMP		
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1185; jacobfusilier@dotd.la.gov				
Services commenced by this firm (mm/yy)		05/2023	Total consultant contract cost (\$1,000's)			\$1,911
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$1,624 (to date)



RELEVANCY TO THE CONTRACT:

- Milling & Overlay • Inspection • Construction • Concrete/Asphalt Work

In this project, TBS provided construction contract administration and construction engineering and inspection (CE&I) services for the I-12 Widening (LA 1077 to LA 21) project. This construction project included the following: widening of Eastbound and Westbound I-12 from two to three travel lanes between LA 21 and 1077 along with construction of a median barrier wall and widening of the LA 21 overpass. Services also include milling and overlay work, asphaltic concrete, striping, signage, inspection, and concrete bridge demolition and construction.

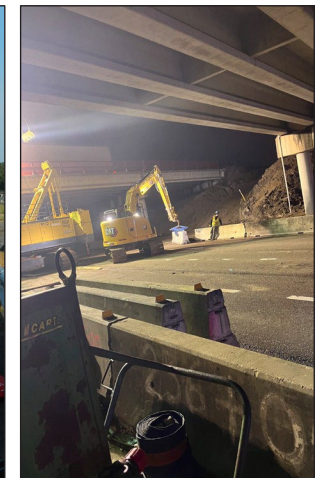
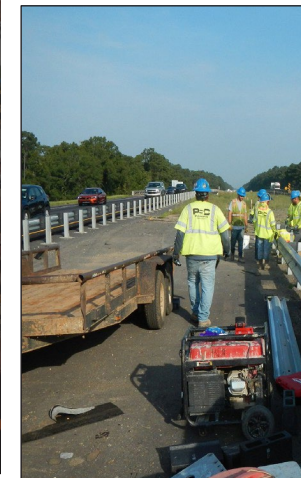
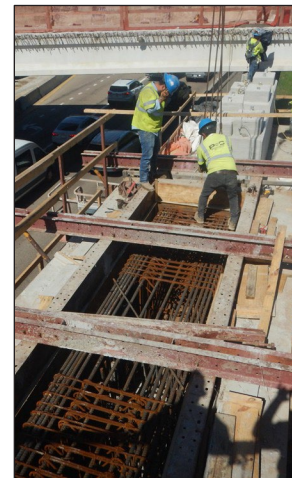
TBS provided Resident Engineer and Resident Inspection services throughout the construction and closeout of the project. CE&I services for this project included reviewing submittals and RFIs related to the construction of the roadway and overpass bridges for compliance with the plans, specifications, and applicable design guidelines. TBS provided on-site project representation to record all daily



work items and to ensure those contract items were installed in accordance with the plans and specifications. The TBS CE&I team made site visits daily and offered guidance when technical difficulties with concrete bridge, asphalt concrete paving, or stormwater drainage infrastructure difficulties presented themselves. TBS coordinated with contractors, the owner's representatives, and other technical personnel to enable the project to be constructed according to the contract documents and within time limitations and budget. TBS completed Record Drawings and assisted the LADOTD District 62 with final project closeout tasks.

Critical Issues and Similarities to this Project

- Interstate highway widening
- Asphalt roadway paving
- Drainage improvements
- Permanent signing



TBS Team: Andree Cortez, PE, PMP; Lawrence Touns, PE, PMP; Josh Gravois; Jody Schouest

18. Approach and Methodology:

Project Understanding:

Royal understands this project to include Construction Management, Contract Administration, and Construction Engineering & Inspections (CE&I) for a mill and overlay of an asphalt surface. The project limits are 1.44 miles of roadway on Audubon Avenue starting at LA 1 (East First Street) and running to the Terrebonne Parish line in Lafourche Parish, stopping at St. Louis Bayou. The selected firm will provide oversight of an installation of a new asphalt top surface. The area is partially residential and partially commercial, and the road services a church and school facilities.

Experience and Capacity:

Royal has extensive experience in providing construction engineering, resident inspection services, and construction contract administration in accordance with DOTD's Standards and Procedures. Royal has completed several projects that involve mill and overlay construction. Our team has the understanding and field experience necessary to provide crucial input to DOTD regarding project Asphalt, PCCP, base rehab, ADA requirements, and when necessary, troubleshoot utility coordination and avoid negative impacts to water, sewer, and drainage infrastructure to the surrounding community. Royal's subconsultant T. Baker Smith will provide on-site inspections for construction activity as directed by the Royal Certified Inspector and provide a local resource for certain inspections, as well as a resource for engineering support as needed.

Royal has the experience to manage and inspect the project throughout all construction phases. Our inspection team is certified in Base and Embankment, Asphalt, Concrete, PCCP, and Structural Concrete. Our construction engineering and inspection team is proficient in SiteManager, Materials Manager, and Headlight and thoroughly familiar with DOTD procedures and processes. Based on our understanding of the project, knowledge of DOTD's processes and procedures, and experience completing similar projects across the state, we will execute the project in five phases: Post-Award, Pre-Construction, Active Construction, Substantial Completion, and Project Closeout

The Royal CE&I Process

Royal uses a five phase stagegate approach to all CE&I projects, regardless of size. These phases are:

- 1. Post-Award**
- 2. Pre-Construction**
- 3. Active Construction**
- 4. Substantial Completion**
- 5. Project Closeout**



1. Post-Award:

To hit the ground running post-award, our team will review DOTD's project plans and special provisions and prepare a QA/QC plan for the department to review. Should the DOTD laboratory be unavailable, Royal will contact an independent lab to provide materials testing services throughout the project.

2. Pre-Construction:

We understand the importance of aligning all parties during the pre-construction phase. This phase will begin with a team kick-off meeting to address the Notice to Proceed date, establish project goals, address the QA/QC plan with the contractor, develop the materials testing/field sampling plan, and address pre-construction submittals. Before moving into the next phase, we will also confirm limits, coordinate with utilities, and review and respond to pre-construction RFIs. This phase will conclude with the pre-construction conference.

WHY ROYAL?



UNDERSTANDING OF AND PROXIMITY TO THE PROJECT
Our offices are located less than an hour from the project site.



KNOWLEDGE OF LADOTD'S PROCESSES AND PROCEDURES
Our team includes Carter O'Brien, Gary Brouillette, and Jeff Monfrey, who have all worked on LaDOTD Projects for over 15 years.



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

3. Active Construction:

During construction, our Certified Inspector and Inspector will observe the contractor's operation daily to confirm that all work is performed in accordance with the specified plans, specifications, and approved materials. We will also review the contractor's traffic control plan daily to confirm it follows MUTCD guidelines and adheres to the project plans. As this project will be in a mixed commercial and residential area with lots of vehicular activity and intersections, our inspectors will perform routine inspections and ensure the contractor addresses any potential hazards open to the public. To confirm and maintain the quality of the project, we will follow the project sampling plan provided during pre-construction. Our Certified Inspector will confirm that PCCP is sampled and tested according to DOTD's procedures and the project plans. Using Headlight, Materials Manager, and SiteManager our team will include detailed documentation and photography of all testing, and will obtain and record all certificates of release, material certificates, CD's, and necessary field paperwork throughout the project.

Royal's Inspectors and Engineers are thoroughly familiar with the demands of mill and overlay roadway construction projects and are ready to identify and address issues in the field before completion to ensure the project is built correctly. Royal will inspect the contractor's grades during layout and before paving to help mitigate any issues. Royal commits to providing timely responses to the contractor to maintain the project schedule and deadlines expected by DOTD and the entity. Royal will manage all project correspondence during active construction, including RFIs, change orders, submittals, monthly pay estimates, and other project documents. Our team intends to answer all RFIs within two business days. We will document all pertinent information and include all RFIs with the final project documents.

Similarly, we will review all change orders per DOTD's specifications and, once recommended for approval, will send for electronic signatures via SiteManager. Should there be a claim or dispute, our team will provide detailed records and track time and material information to thoroughly process on behalf of DOTD. The Royal team is also experienced in providing recommendations regarding constructability issues or scheduling disputes and stand ready to support DOTD, if required.

4. Substantial Completion:

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

5. Project Closeout:

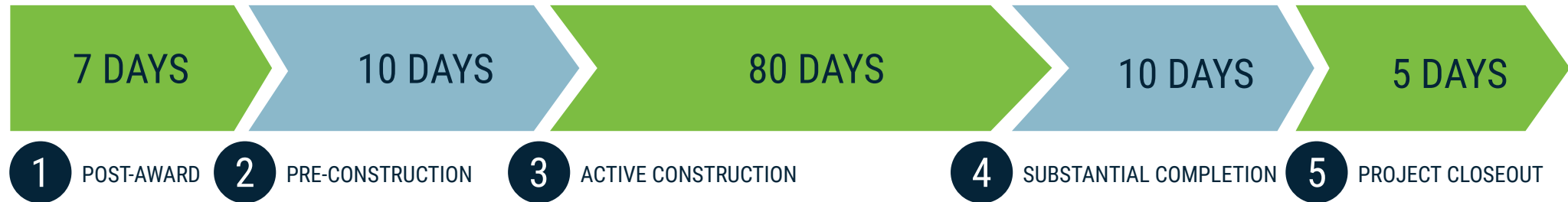
After the project is complete, our team will assemble and submit all required closeout documents in accordance with DOTD standards, including the following:

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

Project Schedule:

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

Typical Schedule: 112 Days



Project Location:

Contract No. 4400029889; State Project No. H.013269.6

Audubon Ave Ovly: LA 1 to Terrebonne P/L (CE&I)

Lafourche Parish



Royal's CE&I team is familiar with local conditions, HMA paving, and other aspects of the project. We are ready to identify and address issues in the field before completion to ensure the project meets the needs of the citizens of Lafourche Parish.

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s) (ALL FIRMS MUST BE REPRESENTED IN THIS TABLE)	Past Performance Evaluation Discipline(s)*	Contract & State Project No.	Project Name	Remaining Unpaid Balance**
Royal Engineers and Consultants, L.L.C.	Road, Bridge	4400024593/ H.015009.5	OSBR West Metairie Ave Bridge	\$0
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400024438/ H.010673	Harvey Tunnel Rehabilitation	\$424,464
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400027010/ H.015018.5	Entity Contract for Lafayette Parish Non-State PVMT Markings	\$40,305
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400028466/ H.015504.6	CCC Decorative Lighting CE&I	\$284,467

* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. Do not round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.


19. Workload of Subconsultant:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
T. Baker Smith, LLC  T. BAKER SMITH <small>A CENTURY OF SOLUTIONS</small>	CE&I/OV	4400025760/H.011137	I-12: LA 1077 to LA 21 (CE&I)	\$1,430,765
	Road	4400013407/H.013199	Country Estates Dr. Over St. Louis Bayou	\$750
		4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$5,465
		4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$3,662
		4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$55,568
		4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$71,486
		4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$2,121
		4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$4,225
		4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$55,635
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$33,431
		4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$24,773
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$71,341
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$21,680
		4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$21,134
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$23,396
		4400025027/H.015448	Philadelphia Road Over Haines Creek	\$33,233
		4400025027/H.015449	Grand Staff Road Over Creek	\$30,175
		4400024928/H.015576	LA 447 & LA 1025: ROUNDABOUT	\$227,645
	Bridge	4400013407/H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
		4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$4,875
		4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$1,662
		4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$56,184
		4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$72,278
		4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$2,061
		4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$2,334
		4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$25,997
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$17,380


19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
 T. BAKER SMITH <small>A CENTURY OF SOLUTIONS</small>	Bridge	4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$12,798
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$48,985
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$11,113
		4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$10,827
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$12,045
		4400025027/H.015448	Philadelphia Road Over Haines Creek	\$17,277
		4400025027/H.015449	Grand Staff Road Over Creek	\$15,640
	Other (Hydraulics)	4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$7,200
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$1,133
		4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$1,680
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$2,671
	Other (Contract Management)	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$2,389
		4400019336/H.014222	LA 516: Poland Branch Bridge	\$149
		4400019336/H.014228	LA 159: Bridges Near Shongaloo	\$1,042
		4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$10,566
		4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$6,774
		4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$440
		4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$3,905
		4400019336/H.014264	LA 556: Bridges Near Choudrant	\$3,345
		4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$14,000
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$7,983
		4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$7,732
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$18,107
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$9,382
		4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$7,291
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$7,587

19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Other (Contract Management)	4400025027/H.015448	Philadelphia Road Over Haines Creek	\$7,936
		4400025027/H.015449	Grand Staff Road Over Creek	\$8,900
	Other (Construction Support)	4400013203/H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$85,208
		4400017598/H.013942	LA 9: Middle Fork Bayou and Creek Bridges	\$10,926
		4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$15,807
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$7,622
		4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$7,382
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$31,421
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$8,318
		4400025027/H.015446	Craigerville Road Over Mayhaw Bra	\$8,227
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$7,848
		4400025027/H.015448	Philadelphia Road Over Haines Creek	\$7,577
		4400025027/H.015449	Grand Staff Road Over Creek	\$7,890
	Environmental	4400019336/H.014217	LA 537: Bridges Near Plain Dealing	\$4,470
		4400019336/H.014219	LA 507: Creek Bridges Near Simsboro	\$2,411
		4400019336/H.014222	LA 516: Poland Branch Bridge	\$1,052
		4400019336/H.014231	LA 153: Topy Creek Relief & Drain Brs	\$15,059
		4400019336/H.014236	LA 3008: Bridges Near Cotton Valley	\$20,854
		4400019336/H.014238	LA 818: Barnet Springs & Creek Bridges	\$1,721
		4400019336/H.014239	LA 589: Lyon Bayou Bridge	\$6,535
		4400019336/H.014264	LA 556: Bridges Near Choudrant	\$11,294
		4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$12,575
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$7,623
		4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$7,383
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$20,554
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$6,239
		4400025027/H.015446	Craigerville Road Over Mayhaw Branch	\$4,114

19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Environmental	4400025027/H.015447	Cutts Road Over Hemphill Creek	\$7,849
		4400025027/H.015448	Philadelphia Road Over Haines Creek	\$7,578
		4400025027/H.015449	Grand Staff Road Over Creek	\$7,892
	Survey	4400025027/H.015339	Lakeside Loop Over Yocum Creek	\$37,057
		4400025027/H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$15,580
		4400025027/H.015443	Bordelon Crossing Over Bayou Rouge	\$22,727
		4400025027/H.015444	Shady Grove Road Over Middle Creek	\$36,749
		4400025027/H.015445	Harrisonburg Road Over Nantaches Creek	\$16,728
		4400025027/H.015447	Cutts Road Over Hemphill Creek	\$20,873
		4400025027/H.015448	Philadelphia Road Over Haines Creek	\$13,781
		4400025027/H.015449	Grand Staff Road Over Creek	\$22,811
	Other (Subsurface Utility Engineering)	4400025511/H.011723.5	Cotton & Silo: BNSF RR Xings	\$34,866
		4400025511/H.014465.5	LA 82: Vermilion River MB RH	\$41,562

20. Certifications/Licenses:

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

Royal Engineers and Consultants, L. L. C.

Michael Pugh, PE



Mr. Michael Leon Pugh Jr.

License/Certificate Type - Number
PE.0030911

Expiration Date
03/31/2026

Status: **Active**

Alec Carter O'Brien, PE



Mr. Alec Carter O'Brien

License/Certificate Type - Number
PE.0043647

Expiration Date
03/31/2026

Status: **Active**



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

Dec. 3, 2021

To Whom It May Concern,

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

LA Specific Traffic Control Technician (TCT) 11-30-21 - 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 & 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.

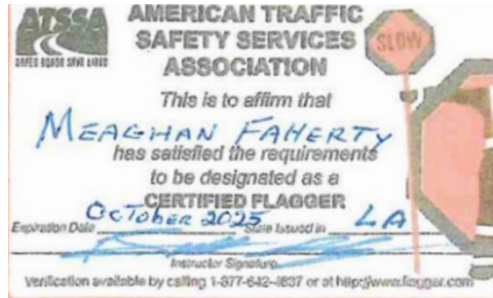
Best Regards,


Thomas L. "Tom" Ervin - ATSSA Master Instructor

Jeffrey Monfrey



Meaghan Faherty



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

Dec. 3, 2021

To Whom It May Concern,

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

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

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

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

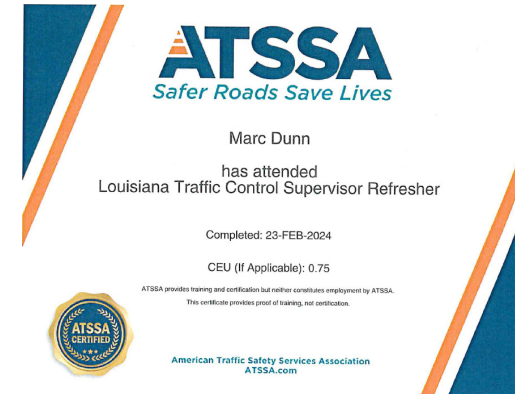
This letter will serve as temporary proof of successful course completion until the above listed employees receive their official certificates from the American Traffic Safety Services Association (ATSSA).

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

Best Regards,


Thomas L. "Tom" Ervin - ATSSA Master Instructor

Marc Dunn Jr., P. E.





R. Kyle Ardoin

SECRETARY OF STATE

As Secretary of State of the State of Louisiana, I do hereby Certify that

ROYAL ENGINEERS AND CONSULTANTS, L.L.C.

A limited liability company domiciled in NEW ORLEANS, LOUISIANA,

Filed charter and qualified to do business in this State on September 12, 2005,

I further certify that the records of this Office indicate the company has paid all fees due the Secretary of State, and so far as the Office of the Secretary of State is concerned, is in good standing and is authorized to do business in this State.

I further certify that this certificate is not intended to reflect the financial condition of this company since this information is not available from the records of this Office.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

May 13, 2020

Secretary of State

Web 36013193K



Certificate ID: 11207438#ARK73

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.
www.sos.la.gov

Louisiana Professional Engineering and Land Surveying Board


Hereby Certifies that


Royal Engineers and Consultants, L.L.C.

*has complied with the regulations of this Board and is authorized to
provide or to offer to provide Engineering services in the State of
Louisiana contingent upon payment of the annual renewal fee.*

Baton Rouge, Louisiana • 09/21/2005




Chairman


Secretary

License Number 3328



State Licensing Board for Contractors

This is to Certify that: ROYAL ENGINEERS AND CONSULTANTS LLC
4298 Elysian Fields Ave Suite B
New Orleans, LA 70122

is duly licensed and entitled to practice the following classifications

BUILDING CONSTRUCTION; HEAVY CONSTRUCTION; HIGHWAY, STREET AND BRIDGE CONSTRUCTION;
MUNICIPAL AND PUBLIC WORKS CONSTRUCTION



Expiration Date: July 19, 2025

License No: 47048

This License Is Not Transferrable

Witness our hand and seal of the Board dated,
Baton Rouge, LA 20th day of July 2022

Will B. Mott
Director

Lee Mallett
Chairman

Andre Dumas
Treasurer



State Licensing Board for Contractors

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Chairman

Andre Dumas
Treasurer

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. Otherwise, leave this section blank.

If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.

22. Sub-Consultant Information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana’s Secretary of State)	Address	Point of Contact and Email Address	Phone Number
T. Baker Smith LLC	1100 South Acadia Road Thibodaux, LA 70301	Marc Dunn, Jr. P.E. marc.dunn@tbsmith.com	(225) 228-5611

23. Location:

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

Any information included in this section will be redacted if not required by the advertisement.