

ENGINEERING AND RELATED SERVICES

July 16, 2024

Contract No. 4400029877

State Project No. H.013429.6

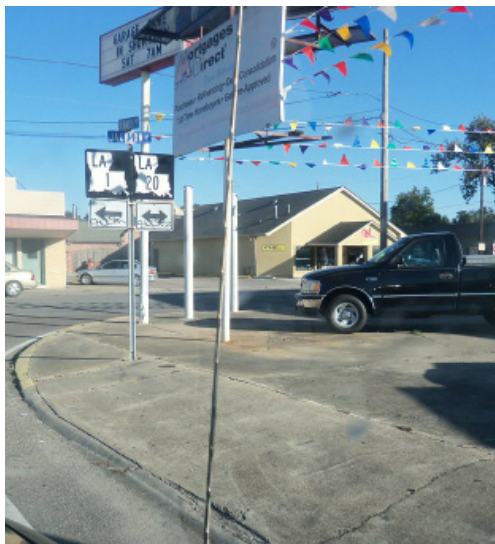
Federal Aid Project No. H013429

Entity Contract for Downtown Thibodaux Sidewalks (CE&I) **Lafourche Parish**

Submitted By:

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

Submitted To:



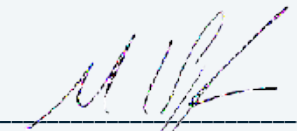
DOTD FORM: 24-102

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)	Entity Contract for Downtown Thibodaux Sidewalks (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: July 16, 2024
2. Contract Number(s) (as shown in the advertisement)	4400029877		
3. State Project Number(s) (if shown in the advertisement)	H.013429.6		
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, 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.	Each Discipline Must Total 100%
CE&I/OV	100%	100%	100%
Percent of Contract	100%	100%	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

14. Organizational Chart:



Inspector – Certified (Backup)
 Jeffrey Monfrey (Resume Included)
 Royal Engineers and Consultants, L.L.C.

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
30 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 & 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 / 3-31-2026	
Contract Role(s) / Brief Description of Responsibilities: Engineer, MPR2 & 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 LADOTD, 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: Gary Brouillette **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): 15

Degree(s) / Years / Specialization: BS / 2007 / Construction Management

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
17 Years of Experience	<p>Mr. Brouillette is a senior construction inspector in heavy civil construction with 17 years of field experience. Gary has extensive experience performing construction inspections in sidewalk and roadway enhancement projects.</p> <p>Certifications: LADOTD Embankment and Base Course Inspector, LADOTD Structural Concrete Inspector, LADOTD Asphalt Paving Inspector/ Technician, LADOTD PCC Paving Inspector, ATSSA Traffic Control Supervisor, ATSSA Traffic Control Technician, ATSSA Registered Flagger, 10 Hour Occupational Health and Safety Training Course</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: 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.</p>
03/23 – 06/23	<p>Safe Routes to Schools – Phase II Independence, Louisiana DOTD: H.010108</p> <p>Scope: Roadway enhancement project funded to improve pedestrian and nonvehicular access to routes to schools. Scope of work included repair and construction of sidewalks, driveways, earthwork, and drainage structures. This project had an estimated cost of \$700,000.</p> <p>Role: Inspector - Certified. Responsible for Inspection of construction, including tracking work progress and quantities, preparing daily reports and maintaining the project diary. Attended all progress meetings.</p>
03/23 – 06/23	<p>Safe Routes to Schools Baton Rouge, Louisiana DOTD: H.006499</p> <p>Scope: Roadway enhancement project funded to improve pedestrian and nonvehicular access to routes to schools. Scope of work included construction of sidewalks, driveways, grading, drainage, striping, handicapped ramps, and related work. This project had an estimated cost of \$1 million.</p> <p>Role: Inspector - Certified. Provided field oversight and inspection of construction.</p>

03/21 – 04/22	<p>City of New Orleans DPW: RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072 New Orleans, Louisiana</p> <p>Scope: CE&I services for \$7million installation of a new sewer system, drainage system, water main replacement, manhole rehabilitation, new manhole and catch basin structures, new PCCP roadway construction to include base and subbase materials, sidewalk, and driveway removal and replacement.</p> <p>Role: Resident Inspector. Responsible for Inspection of construction, including tracking work progress and quantities, preparing daily reports and maintaining project diary. Attended all progress meetings.</p>
06/18 – 04/20	<p>Bonnabel Canal Improvements Metairie, Louisiana</p> <p>Scope: CE&I services for a \$4.2million installation of a 3000 linear foot steel sheet pile wall, embankment and base course installation, slope paving, concrete curb wall, drainage pipe extensions, and 6’ chain link fence.</p> <p>Role: Resident Project Representative. Provided field oversight of all construction-related activities. Reviewed monthly quantities for pay estimates with the contractor and Project Engineer. Scheduled progress meetings and field site meetings. Formulated punchlist for Final Inspection and acceptance of the project.</p>
04/17 – 03/18	<p>Airline Park Boulevard in Metairie DOTD: H.009028</p> <p>Scope: Construction oversight of \$6.2million roadway rehabilitation that included removal of PCC Pavement, Class II Base Course installation, various size RCP/RCPA installation, new drainage pump station structure and generator pad, roadway structures to include manholes, catch basins, conflict boxes, and sewer service/water main relocations.</p> <p>Role: Resident Project Representative. Attended the Pre-Construction Conference and weekly Progress Meetings. Performed inspections during construction and led field site meetings.</p>
11/15 – 05/16	<p>Old Behrman Highway in Gretna DOTD: H.011759 P2P</p> <p>Scope: Field oversight of a restoration project with PCC pavement, asphalt patching, cold planing, asphalt paving, and ADA handicapped ramp construction. This project required the complete restoration of Old Behrman Hwy.</p> <p>Role: Senior Inspector. Coordinated phases of construction with the contractor. Attended Pre-Construction Conference, weekly Progress Meetings, and field site meetings. Formulated Punchlist for Final Inspection and Acceptance of project. Assisted in “2059” project closeout.</p>

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 Pvmt 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>

Firm Employed By: Royal Engineers and Consultants, L.L.C.	
Name: Jeffrey Monfrey	Title: Senior CE&I Inspector
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 <i>Featured Project</i>	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 <i>Featured Project</i>	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 LADOTD Site Manager.</p>

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
<p>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.</p> <p>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 managing the project.</p>		
Project Deliverables <ul style="list-style-type: none"> • Review and coordination of RFI's, submittals, and document control. • Full-time resident construction engineering and inspection • Daily reporting through DOTD software (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 Gary Brouillette, Inspector-Certified 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 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 preconstruction meeting for the 13.8-mile-long project and assisted DOTD with its public notices for the start of the project. Post pre-construction meeting Royal ensured the proper material submittals were received from the contractor and reviewed promptly. During construction, Royal provides onsite full-time resident inspection, uploading reports into the department's Headlight and Site Manager 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 LADOTD plans and specifications and provides progress reports to the LADOTD based on daily inspections. After the project, Royal will prepare the 2059 and other required turn-documents.

Key Personnel:

Alec Carter O'Brien, P.E. Project Engineer
Gary Brouillette, Inspector-Certified
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: Lafayette City-Parish Consolidated Government (LCG)

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 pre-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: Resident Inspections. Assisting with technical issues arising during construction; assisting in coordination with utilities for relocations; conducting progress meetings, observing construction at all times the contractor worked on critical work items; providing on-site quality assurance; inspecting, measuring, and appropriately tracking work completed for pay requests; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and prepare incident reports

Key Personnel:

Michael Pugh, P.E. Principal

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

Meaghan Faherty, Project Office Manager

18. Approach and Methodology:

Project Understanding:

Royal understands this project to include Construction Management, Contract Administration, and Construction Engineering & Inspections (CE&I) for a project to repair and rehabilitate existing sidewalks and construct curb ramps on various roadways in downtown Thibodaux. This project will serve to enhance ADA accessibility and encourage pedestrian access over the 1.37 miles of project limits.

Experience and Capacity:

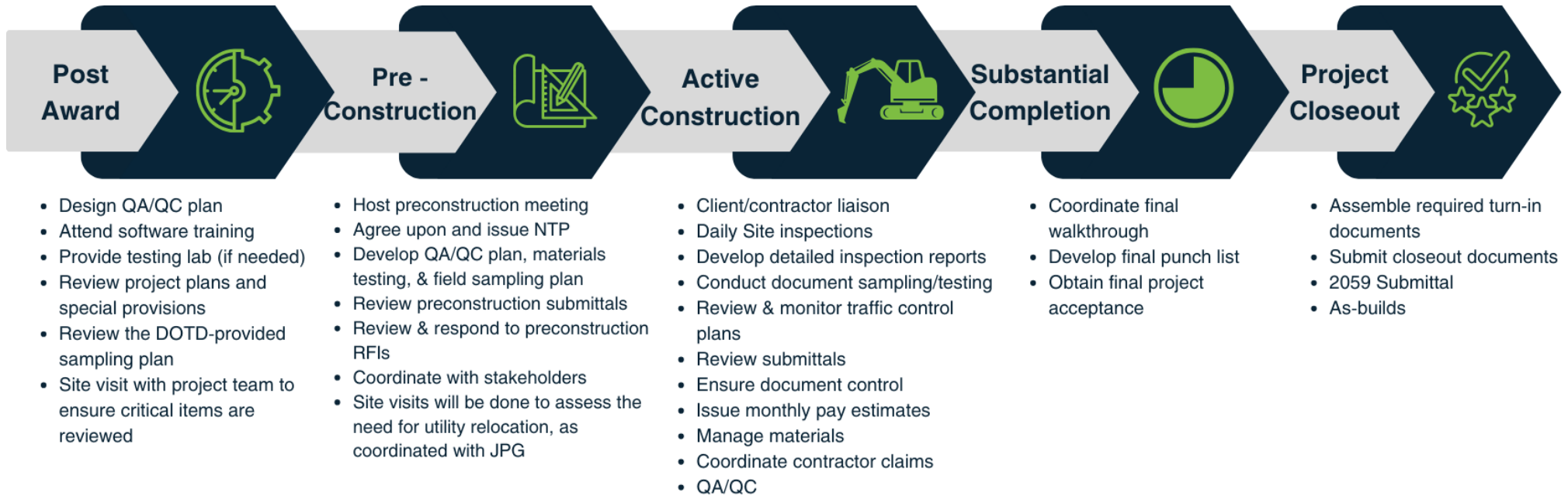
Royal has extensive experience in providing construction engineering, resident inspection services, and construction contract administration in accordance with DOTD's Standards and Procedures. Royal has completed several projects that involve sidewalk construction, repair, and enhancement, and has performed CE&I on pedestrian access improvements, multi-use path creation, and ADA compliance led accessibility upgrades for sidewalk and curb enhancements. Our team has the understanding and field experience necessary to provide crucial input to LADOTD regarding project Asphalt, PCCP, base rehab, ADA requirements, and when necessary, troubleshoot utility coordination and avoid negative impacts to water, sewer, and drainage infrastructure.

Royal has the experience to manage and inspect the project throughout all construction phases. Our resident Inspector team is certified in Base and Embankment, Asphaltic Concrete, PCC Pavement, 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**



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.

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 discuss 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

Active Construction:

During construction, our Certified Inspector(s) 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(s) daily to confirm it follows MUTCD guidelines and adheres to the project plans. As this project will be open to pedestrian traffic and is in a downtown location with lots of vehicular activity and intersections, security of the site is of the utmost importance, 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 preconstruction. Our Certified Inspector(s) will confirm that PCCP, is sampled and tested according to LADOTD'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 sidewalk enhancements and ADA accessibility projects and are ready to identify and address issues in the field before completion to ensure the project has a long lifespan. Royal will inspect the contractors' 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 LADOTD's specifications and, once recommended for approval, will send for electronic signatures via SiteManager. Should there be a claim or dispute, our team will provide detailed records and track time and material information to thoroughly process on behalf of LADOTD. The Royal team is also experienced in providing recommendations regarding constructability issues or scheduling disputes and stand ready to support LADOTD, if required.

Substantial Completion:

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

Project Closeout:

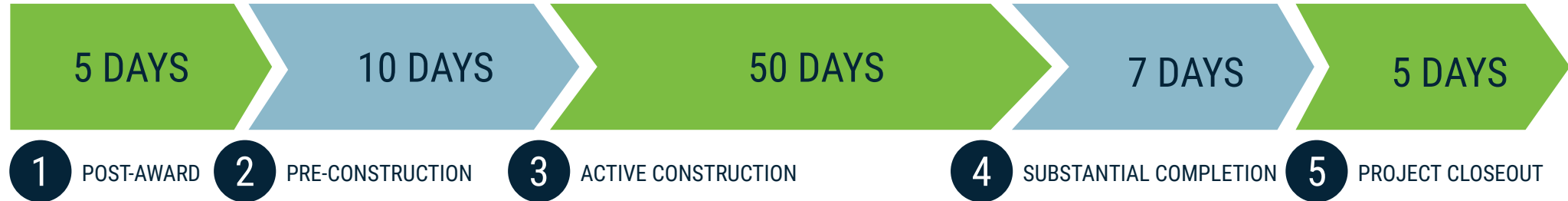
After the project is complete, our team will assemble and submit all required closeout documents in accordance with LADOTD standards, including the following:

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

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: 77 Days



Project Location:

Contact No. 4400029877; State Project No. H.013429.6

Entity Contract for Downtown Thibodaux Sidewalks (CE&I)



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 Thibodaux.

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	LADOTD OSBR West Metairie Ave Bridge	\$3,412
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400024438/ H.010673	Harvey Tunnel Rehabilitation	\$441,631
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400027010/ H.015018.5	Entity Contract for Lafayette Parish Non-State PVMT Markings	\$34,959
Royal Engineers and Consultants, L.L.C.	CE&I/OV	4400028466/ H.015504.6	CCC Decorative Lighting CE&I	\$320,641

* 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.

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**

Gary Brouillette



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

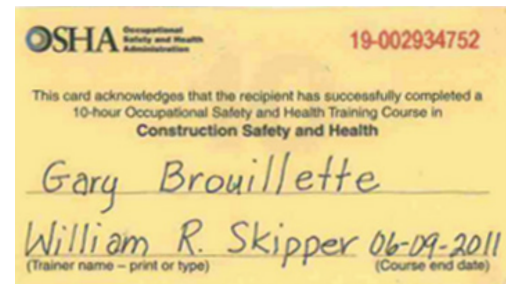
LA Specific Traffic Control Supervisor Refresher (TCS Refresher) 12-3-21 - Christopher Barrilleaux & Alec O'Brien

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).

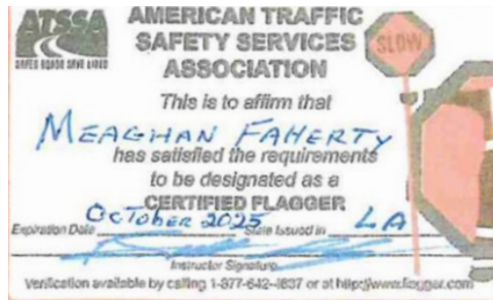
Should there be any questions regarding the above, please contact the undersigned at the above captioned address.

Best Regards,

[Signature]
Thomas L. "Tom" Ervin - ATSSA Master Instructor



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

Jeffrey Monfrey



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
N/A			

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.