



**Professional Electrical Engineering Services  
Related to the Design and Construction of the  
Ames Boulevard Lighting Project  
(Lapalco to Barataria)**

**March 7, 2025**

**IMC**  

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CONSULTING ENGINEERS  

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INC.

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Professional Engineering Services Related to the Design and Construction of the Ames Boulevard Lighting Project (Lapalco to Barataria). Resolution No. 145729

**B. Firm Name & Address:**

IMC Consulting Engineers, Inc.  
2714 Independence Street  
Metairie, LA 70006

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Paul S. Vlosich, P.E.  
Principal and Director of Municipal Projects  
(504) 831-9119  
pvlosich@imcconsultingengineers.com  
Licensed Professional Engineer, License No. 31006

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

Paul S. Vlosich, P.E.  
Principal and Director of Municipal Projects  
(504) 831-9119  
pvlosich@imcconsultingengineers.com  
Licensed Professional Engineer, License No. 31006

**E. Please provide the number of employees whose primary function corresponds with each category:**

<u>2</u> Administrative	<u>    </u> Estimators	<u>  </u> * Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>  6</u> Graduate Engineers
<u>    </u> Civil Engineers	<u>    </u> Interior Designers	<u>    </u> Project Managers
<u>    </u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>  2</u> Electrical Engineers	<u>  4</u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>  1</u> Engineer Intern	<u>    </u> Environmental Engineers	
<u>    </u> Professional Land Surveyors	<u>  4</u> CAD Technicians	<u> 19</u> TOTAL

*\*All of our Engineers are Specification Writers.*

**F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒**

**If marked "No" skip to Section I. If marked "yes" complete Sections G-H.**

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.  
N/A

2.  
N/A

**H. Has this JOINT-VENTURE previously worked together? Please check: N/A**  
YES ☐ NO ☐

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Basin LLC, Engineering & Surveying 2811-B Toulouse Street New Orleans, LA 70119	Surveying and Structural	Yes
2. Horizon Engineering, LLC 1013 N. Causeway Blvd., Suite 201 Metairie, LA 70001	Resident Inspection and Structural	No
3.		

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**

12

## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Paul S. Vlosich, P.E.  
Principal and Director of Municipal Projects

**Project Assignment:**

Electrical Engineer / Project Manager for MEP

**Name of Firm with which associated:**

IMC Consulting Engineers, Inc.  
2714 Independence Street  
Metairie, LA 70006

**Years' experience with this Firm:**

23

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science  
1994 (University of New Orleans)  
Electrical Engineering

**Active registration: Year first registered/discipline:**

2004 / Louisiana #31006 / Electrical Engineering

**Other experience and qualifications relevant to the proposed Project:**

Paul serves as IMC's Director of Municipal Projects and oversees all aspects of IMC's municipal business sector including client relations, business development, resource management, contract negotiation, contract execution, production, and quality control.

Please see attached resume for additional experience and qualifications.

## **Other Experience and Qualifications Relevant to the Proposed Project (*continued*)**

### **Jefferson Parish Dept. of Public Works – Severn Ave Improvements: Veterans to West Esplanade**

Designed decorative roadway and pedestrian lighting for Severn Avenue as part of a restoration project. Design included preparation of lighting calculations for review by Jefferson Parish and coordination with Entergy to maintain clearances below existing transmission lines.

### **LADOTD – Wisner Bridge Replacement**

Designed and specified street lighting and electrical associated with the replacement of the Wisner Blvd. overpass at I-610. As required by DOTD Paul prepared a design documentation report for this project, which included a narrative of the design decisions, a point-to-point voltage drop calculation, conduit fill calculations, photometric calculations, and an analysis of the calculated photometric values, which included existing street lighting at either end of the bridge. Per DOTD requirements, an Opinions of Construction Cost was also prepared at each stage of design to assist the DOTD in project budget analysis.

### **Orleans Parish Levee District - Lakefront Seawall Erosion Protection**

Acted as the Project Manager and Electrical Engineer for this work which consisted of several projects divided into “reaches” along the New Orleans Lakefront. Within each reach, a “Plaza” area between Lakeshore Drive and Lake Pontchartrain is paved to prevent erosion of the shore. The Plaza is accessible to the public day and night, necessitating walkway lighting near the seawall for safety of the public. Paul provided all electrical design and construction management for each phase. Scope included utility relocations, street lighting, warning beacons, provisions for future lighting at planters, and new decorative area site lighting for pedestrian plazas and walkways along the Lakefront in New Orleans.

### **Orleans Parish Levee District – Lakeshore Drive Decorative Lighting – Lake Marina Dr. to Shelter No. 1**

Designed the electrical construction associated with the replacement of existing decorative street lighting along Lakeshore Drive with new, LED lighting to match the look of the fixtures along the seawall. Scope of electrical design included electrical service upgrades and a phased installation approach to limit the impact to local residents and businesses.

### **Port of New Orleans – Intermodal Improvements**


Designed and specified electrical power and high-mast lighting for new intermodal terminal at the Napoleon Ave. entrance. Design included 25 kV oil-filled switchgear, medium voltage transformers and distribution, power for 4160-volt electrified gantry cranes, and provisions for a crane maintenance facility, including a new forced sewer main lift station.



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 2/28/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Paul Schurb Vlosich  
2120 Colombo Drive  
Harvey, Louisiana 70058-3045

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Paul Schurb Vlosich</b> License/Certificate Type - Number <b>PE.0031006</b> <b>Status: Active</b> Exp Date: 03/31/2026

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Richard Nichols, P.E. Principal and Electrical Department Head
<b>Project Assignment:</b>
Quality Assurance / Electrical Engineer
<b>Name of Firm with which associated:</b>
IMC Consulting Engineers, Inc.
<b>Years' experience with this Firm:</b>
31
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science 1989 (Louisiana State University) Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
1994 / Louisiana #25896 / Electrical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Having joined IMC in 1993, Richard is one of IMC's most experienced electrical engineers. His expertise includes design of lighting, power, and special systems, as well as project management. He has managed electrical design projects in commercial, municipal, and industrial markets. He has also provided the design for lighting, power, and control systems for multiple roadways and highways. As Principal and Electrical Department Head, his primary responsibilities include the design of commercial and institutional electrical systems, quality control, and business development.</p> <p>Please see attached resume for additional experience and qualifications.</p>

***Other Experience and Qualifications Relevant to the Proposed Project (continued)***

**Veterans Boulevard Decorative Lighting (Bonnabel Canal to Orleans Parish Line)**

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the Bonnabel Canal to the Orleans Parish line. Two new electrical service points were established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

**Veterans Boulevard Decorative Lighting (Causeway Boulevard to Bonnabel Canal)**

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from Causeway Blvd to Bonnabel Canal. One new 480-volt, single phase electrical service point was established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

**Causeway Boulevard Decorative Lighting (Airline Overpass to West Napoleon)**

Electrical design to replace the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the foot of the Airline Overpass to West Napoleon. A new electrical service location was established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.

**David Drive Corridor Improvements**

Electrical design of Lighting for David Drive from Veterans to West Napoleon and design for new electrical service to feed poles and provide lighting controls. Poles require breakaway base to disconnect power if the integrity of the pole is compromised.

**Loyola Westbound Off-Ramp Lighting**

This project entailed the addition of an off-ramp lane which caused the relocation of existing light poles. Additional light poles were added to meet the required lighting levels. New lighting circuitry was provided from the existing lighting controller to all lighting poles. New fusing was also provided in each light pole base.

**Fourth Street Extension Street Lighting**


Lighting design for the extension of Fourth Street in Gretna from Richard Street to Burmaster Street. Design included two new service and lighting controller locations, lighting circuitry, and lighting calculation and submission to LA DODT.



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 2/28/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Richard Earl Nichols  
1054 Whitetail Drive  
Mandeville, Louisiana 70448

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Richard Earl Nichols</b> License/Certificate Type - Number <b>PE.0025896</b> <b>Status: Active</b> Exp Date: <b>09/30/2026</b>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Fold Here

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## TEC Professional Services Questionnaire

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Veterans Boulevard Decorative Lighting (Causeway Blvd. to Bonnabel Canal)</p> <p>Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121 (504) 736-6783</p>	<p>Design included replacement of the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from Causeway Boulevard to Bonnabel Canal. One new 480-volt, single phase electrical service point was established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$718,000	\$511,000

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>David Corridor Improvements</p> <p>Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121</p>	<p>Electrical design of lighting for David Drive from Veterans to West Napoleon and design for new electrical service to feed poles and provide lighting controls. Poles require breakaway base to disconnect power if the integrity of the pole is compromised.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	Unknown	\$750,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>Severn Avenue Improvements: Veterans to West Esplanade</p> <p>Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121</p>	<p>Designed decorative roadway and pedestrian lighting for Severn Avenue as part of a restoration project. Design included preparation of lighting calculations for review by Jefferson Parish and coordination with Entergy to maintain clearances below existing transmission lines.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$12,000,000 (Est.)	\$1,500,000

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Causeway Boulevard Decorative Lighting (Foot of Airline Overpass to West Napoleon)</p> <p>Jefferson Parish Engineering Dept.  1221 Elmwood Boulevard Jefferson, LA 70121</p>	<p>Design included replacement of the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the foot of the Airline Overpass to West Napoleon. A new service location was established to power the new poles. All new lighting circuits were routed underground to handholes mounted next to each pole.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Waiting on construction	N/A	N/A

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Veterans Boulevard Decorative Lighting (Bonnabel Canal to Orleans Parish Line)</p> <p>Jefferson Parish Engineering Dept. Mark Drewes 1221 Elmwood Boulevard Jefferson, LA 70121</p>	<p>IMC served as Prime on this project. Design included replacement of the existing metal halide fixtures and poles with new LED fixtures on new decorative poles from the Bonnabel Canal to the Orleans Parish line. Two new electrical service points were established to power the new lighting poles. All new lighting circuits were routed underground to handholes mounted next to each pole. The existing overhead exposed aerial cables were removed. The fixtures were energy efficient LED fixtures that provided better lighting at about 50% of the existing fixture wattage.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2021	\$1,169,000	\$939,500

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Loyola Westbound Off-Ramp</p> <p>City of Kenner Tom Schreiner 1610 Reverend Richard Wilson Dr. Kenner, LA 70062</p>	<p>This project entailed the addition of an off-ramp lane which caused the relocation of existing light poles. Additional poles were added to meet the required lighting levels. New lighting circuitry was provided from the existing lighting controller to all light poles. New fusing was also provided in each light pole base.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	Unknown	\$126,940

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Orleans Parish Levee District - Lakefront Seawall Erosion Protection</p> <p>Orleans Levee District Ryan Foster 6710 Elysian Fields Avenue New Orleans, Louisiana 70123</p>	<p>Project purpose was to pave the public plaza area between Lakeshore Drive and Lake Pontchartrain to mitigate erosion. The plaza area is used by, and accessible to, the public day and night. Project scope included replacement of area lighting standards along the seawall, utility (street lighting) relocations, warning beacon additions and relocations, and maintaining continuity to existing street lighting and warning beacons along Lakeshore Drive to remain. IMC was responsible for the design of the entire electrical system, including new electrical services. IMC provided all photometric calculations required for locating the area lighting standards. The design also provide for future lighting at planters located throughout the Plaza area.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$40,000,000	\$8,000,000

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Orleans Parish Levee District – Lakeshore Drive Decorative Lighting – Lake Marina Dr. to Shelter No. 1</p> <p>Orleans Levee District Ryan Foster 6710 Elysian Fields Avenue New Orleans, Louisiana 70123</p>	<p>Designed and administered the electrical construction associated with the replacement of existing decorative street lighting along Lakeshore Drive with new, LED lighting to match the look of the fixtures along the seawall. Scope of electrical design included electrical service upgrades and a phased installation approach to limit the impact to local residents and businesses.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	\$1,100,000	\$1,100,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>LADOTD – Wisner Bridge Replacement</p> <p>DOTD-New Orleans Department of Public Works Michael Armentor 225-379-1088</p>	<p>Designed and specified street lighting and electrical associated with the replacement of the Wisner Blvd. overpass at I-610. As required by DOTD Paul prepared a design documentation report for this project, which included a narrative of the design decisions, a point-to-point voltage drop calculation, conduit fill calculations, photometric calculations, and an analysis of the calculated photometric values, which included existing street lighting at either end of the bridge. Per DOTD requirements, an Opinions of Construction Cost was also prepared at each stage of design to assist the DOTD in project budget analysis.</p>	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	\$1,950,000	\$330,000

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Fourth Street Extension-Street Lighting</p> <p>LADOTD Danny Lasyone 1201 Capitol Access Road 4th Floor Baton Rouge, Louisiana 70802 504-363-1579</p>	<p>This project involved the extension of Fourth Street in Gretna from Richard to Burmaster. IMC provided the lighting design for the new roadway extension. This included the design of two new service and lighting controller locations, lighting circuitry, and lighting calculation and submission to LA DODT.</p>	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	Unknown	\$6,152,500

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. IMC has no prior or ongoing litigation with Jefferson Parish.		
2.		
3.		
4.		

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

IMC Consulting Engineers, Inc. has enjoyed serving Jefferson Parish for over 30 years and has provided extensive electrical and mechanical design and construction administration services for the Parish both as a prime consultant and as a sub-consultant.

Specific to this SOQ, IMC is currently providing services for the Severn Ave. Improvements Project and the Veterans Decorative Lighting Project (Causeway to Bonnabel). Within the past 5 years, we have also provided professional services for the Veterans Decorative Lighting Project (Bonnabel to Parish Line) and decorative lighting along Causeway Blvd. (foot of Airline Overpass to West Napoleon).

Providing quality professional services to the municipal sector has been a key component of our company's success. Our experience serving this sector has afforded us the opportunity to understand the unique challenges this sector faces, namely budget constraints, operational costs, and the serviceable life that the systems are expected to provide.

~~We look forward to the opportunity of continuing to serve Jefferson Parish!~~

**0. To the best of my knowledge, the foregoing is an accurate statement of facts.**

Signature: Paul S. Vlosich Print Name: Paul S. Vlosich

Title: Principal and Director of Municipal Projects Date: 3-5-2025

**N. (continued) Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:**

**1. PROFESSIONAL TRAINING AND EXPERIENCE**

IMC Consulting Engineer's Electrical staff includes Principals, Richard Nichols, P.E. (30+ years of experience) and Paul Vlosich, P.E. (25+ years of experience). IMC also employs three Electrical Designers and one Electrical Intern:

- Daniel Walker (30+ years of experience)
- Garret Fried (5+ years of experience)
- Aine Buchanan
- Peter DiMarco

All of our engineers and designers are required to obtain a minimum of 15 hours of professional development training each year, eight of which must be associated with life safety training (NFPA 101, IBC, NFPA 72, NFPA 13, etc.), and at least one hour in professional ethics.

While we hope that Section L demonstrates IMC's experience in the design of street and roadway lighting, as well as our experience providing services to Jefferson Parish, we also want to highlight our experience communicating with the Parish's preferred lighting vendor Holophane and express our gratitude in being able to assist Daloss and David over the years.

**2. SIZE OF FIRM**

IMC is a 19-person firm specializing in Mechanical and Electrical design services. Our firm has relatively low overhead and prides itself on productivity. Our engineers and designers are involved in all aspects of the project from design to final observation, decreasing the total impact that a single project has to company resources, and allowing our engineers to take ownership of the projects they have designed.

**3. CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK**

Based upon our experience with past contracts with Jefferson Parish, we project that this contract would constitute less than 5% of our revenue in a given fiscal year. As such, we believe that IMC's staff of 19 can support the design effort required for the awarded work. IMC has performed in a timely fashion on work such as this in the past, and we believe that our familiarity with the people, vendors, and type of work advertised in this SOQ will contribute to our efficiency in completing the work in a timely fashion. We hope that our past experience with Jefferson Parish has demonstrated that IMC has the capacity for timely completion of projects; we know of no instance where IMC was not able to deliver a project on time to Jefferson Parish.

**4. PAST PERFORMANCE ASSISTING A GOVERNMENTAL ENTITY IN DEALINGS WITH DISASTER RECOVERY AND ANY OTHER PROJECTS RELATING TO CDBG**

IMC has provided engineering services for many Jefferson Parish projects, both as a Prime consultant and as a sub-consultant. All projects have been successfully completed, and we encourage review of our performance with other Jefferson Parish personnel, including Mr. Ryan Babcock (Director of General Services), and Mr. Mark Drewes (Director of Public Works).

We have enjoyed our relationship with Jefferson Parish over the past 30 years and sincerely believe that we have earned a good reputation with the Parish for delivering quality designs. We hope to continue to have the opportunity to work with Jefferson Parish in the upcoming years.

**N. (continued) Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:**

With regard to experience assisting municipalities with disaster recovery and other CDBG projects, IMC has performed as a Prime Consultant and Sub-consultant on several such projects, including the replacement of standby generators at EJGH after hurricane Ida (FEMA), several Orleans Storm-proofing projects after hurricane Katrina (FEMA), the addition of safehouses in St. Bernard Parish (FEMA), and NASA Tornado repairs (several buildings). Our role in these projects has traditionally been limited to MEP design, MEP construction administration, and assistance with providing information relative to those systems as requested by the municipality's project manager. IMC does not have direct conversations or correspondence with FEMA or other CDBG entities, nor does IMC secure funding for such projects, as those tasks have traditionally been provided by the municipality's management and legal departments.

**5. LOCATION OF THE PRINCIPAL OFFICE**

IMC's only office is located in Jefferson Parish at 2714 Independence St., Metairie, LA, and many of our employees reside in Jefferson Parish. IMC has been located in Metairie since 1993.

**6. ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH**

IMC is not involved, nor ever has been involved, in litigation with Jefferson Parish.

**7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE & NATURE OF SERVICES**

IMC has enjoyed the opportunity to provide services for street lighting projects to Jefferson Parish in the past. We encourage the reader to discuss our prior performance and successful completion of work with Mr. Mark Drewes, P.E., Mr. Daloss Falghou, and Mr. David Vitrano.

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:

IMC Consulting Engineers, Inc.

Public Address:

2714 Independence Street

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001470	Active	11/17/1988	03/31/2027	Mr. Paul Schurb Vlosich # PE.0031006 ; Mr. Matthew David Wender # PE.0034365 ; Mr. Richard Earl Nichols # PE.0025896



IMC intends to utilize the following sub-consultants to complete work identified in the RFQ:

1. Surveying and Structural: Basin Engineering & Surveying
2. Resident Inspection and Structural: Horizon Engineering

# **Basin Engineering & Surveying**

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 25-007-Provide Professional Engineering Services related to the  
Design and Construction of the Ames Boulevard Lighting Project (Lapalco to Barataria)  
Resolution No. 145729

**B. Firm Name & Address:**

Basin Engineering & Surveying  
2811 B Toulouse St.  
New Orleans, LA 70119

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Daniel F. Bobeck, P.E.,  
Principal  
dfbobeck@basinengllc.com  
(504)-766-0526

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

Daniel F. Bobeck, P.E.,  
Principal  
dfbobeck@basinengllc.com  
(504)-766-0526

**E. Please provide the number of employees whose primary function corresponds with each category:**

<u>3</u> Administrative	<u>      </u> Estimators	<u>      </u> Specification Writers
<u>      </u> Architects (Licensed)	<u>      </u> Geologists	<u>3</u> Structural Engineers
<u>      </u> Chemical Engineers	<u>      </u> Geotechnical Engineers	<u>      </u> Graduate Engineers
<u>4</u> Civil Engineers	<u>      </u> Interior Designers	<u>1</u> Project Managers
<u>      </u> Construction Inspectors	<u>      </u> Landscape Architects	<u>      </u> Clerical
<u>      </u> Ecologists	<u>2</u> Land Surveyor	<u>      </u> Grant/Funding Specialist
<u>      </u> Electrical Engineers	<u>      </u> Mechanical Engineers	<u>      </u> Sanitary Engineers
<u>5</u> Engineer Intern	<u>      </u> Environmental Engineers	
<u>2</u> Professional Land Surveyors		<u>20</u> <b>TOTAL</b>

**F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒**

**If marked "No" skip to Section I. If marked "yes" complete Sections G-H.**

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES ☐ NO ☐

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**

3

## **TEC Professional Services Questionnaire**

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Daniel F. Bobeck, P.E.  
Principal

**Project Assignment:**

Principal Engineer

**Name of Firm with which associated:**

Basin Engineering & Surveying

**Years' experience with this Firm:**

4 years

**Education: Degree(s)/Year/Specialization:**

BS Civil Engineering 2009

**Active registration: Year first registered/discipline:**

2014 Professional Engineer - Civil/Structural

**Other experience and qualifications relevant to the proposed Project:**

Mr. Bobeck has 16 years of engineering experience providing civil and structural engineering design and project management for a wide range of public and private clients. Mr. Bobeck oversees all aspects of the structural department at Basin Engineering & Surveying. Mr. Bobeck has provided design and project management for buildings, wharves, bridges, flood control structures, and near shore gas platforms as well as custom pre-cast concrete structures for various LNG facilities across the Gulf South. Prior to Co-founding Basin Engineering and Surveying, Mr. Bobeck was employed by Linfield, Hunter & Junius Inc. from 2009 to 2021.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Michael Carter, P.E. Senior Structural Engineer
<b>Project Assignment:</b>
Project Manager
<b>Name of Firm with which associated:</b>
Basin Engineering & Surveying
<b>Years' experience with this Firm:</b>
3 Years
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Architecture/ 1974 Architectural Engineering/Louisiana State University Bachelor of Science_1975-Civil Engineering/ Louisiana State University 1 1/2 years Post Graduate Study/Structural Engineering/Tulane University
<b>Active registration: Year first registered/discipline:</b>
1980/Civil Engineering/State of Louisiana License No. 18651 2002/Civil Engineering/ State of Mississippi/License No. 15718
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Carter was the former President of Perrin and Carter, Inc. and is now a senior engineering consultant at Basin in charge of managing a wide variety of engineering projects. Mr. Carter was the project engineer for all 3 of the Street Lighting projects on Earhart Blvd., Lafitte Larose Hwy., and US highway 90. Presently, Mr. Carter is the project manager for the Huey P. Long Street Lighting design from the Clearview/Mounes intersection to US 90 at Nine Mile Point Road. Mr. Carter is also the project engineer for the Stumpf Blvd Street Lighting Project from Whitney Ave to Holmes Blvd. Mr. Carter was the civil and structural design engineer for multiple projects in Jefferson Parish for the last 30 years. Some of his projects include: JP Administration Building, JP Parking Garages, West Jefferson Medical Center 8 Story Elevator Tower and Lobby, among many others.

**TEC Professional Services Questionnaire**

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

**Name & Title:**

Kirk Henry, P.E., S.E.  
Senior Civil/ Structural Engineer

**Project Assignment:**

Mr. Henry is responsible for as needed structural designs.

**Name of Firm with which associated:**

Basin Engineering & Surveying

**Years' experience with this Firm:**

3

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science/1999/ Civil and Structural Engineering/ University of New Orleans  
1 1/2 years Post Graduate Study/Structural Engineering/ University of New Orleans

**Active registration: Year first registered/discipline:**

License No. 31062/ Louisiana/ 2004 P.E.  
License No. 31062/ Louisiana/2006 S.E.  
License No. 8580/ California/2016 P.E.

**Other experience and qualifications relevant to the proposed Project:**

Mr. Henry prepares the civil base drawing for street lighting projects, and oversees the design process for all street lighting projects. He has been in responsible charge of three street lighting projects for Jefferson Parish.' He completes the foundation design for all lighting poles ranging from 40ft. poles to 120 ft high mast poles. Mr. Henry has worked on numerous electrical improvement projects, such as motor control center buildings, switchgear installations, generator foundations, for industrial commercial projects. Mr. Henry recently completed the foundation and electrical yard design for the West Bank Public Works Sewer Building. Mr. Henry, has been in responsible charge of the structural design for buildings with many electrical and communication systems, such as the JP Emergency Management/EOC Building in Gretna.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Payton McNeil; E.I.
<b>Project Assignment:</b>
Project Engineer
<b>Name of Firm with which associated:</b>
Basin Engineering & Surveying
<b>Years' experience with this Firm:</b>
3
<b>Education: Degree(s)/Year/Specialization:</b>
BS Civil Engineering 2021
<b>Active registration: Year first registered/discipline:</b>
E.I. LA 2021 Reg. # 003509
<b>Other experience and qualifications relevant to the proposed Project:</b>
Since joining Basin in 2021, Mr. McNeil has gained both Structural and Civil design experience for a broad base of clients. He has provided foundation designs for various tank farms, design or precast concrete structures, and civil site design for national retail clients.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Parker Poche, E.I.
<b>Project Assignment:</b>
Project Engineer
<b>Name of Firm with which associated:</b>
Basin Engineering & Surveying
<b>Years' experience with this Firm:</b>
2 years
<b>Education: Degree(s)/Year/Specialization:</b>
BS Civil Engineering 2023
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
Ms. Poche has assisted our senior engineers with design of various pile supported foundations, civil site designs and building load calculations.

## TEC Professional Services Questionnaire

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Port of Lake Charles Shed 7 Replacement.  Lake Charles, LA  Lake Charles Harbor & Terminal District. Nick Pestello 337-493-3627	Basin provided structural engineering design for modifications to the existing foundation to support a new 135,000 sq. ft. bulk storage shed. Design included new PEMB building, bathroom addition and new access ramps.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated July 2025	\$11.7 Million	\$11.7 Million

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Enbridge Larose Compressor Station  Larose, LA  Enbridge Roger Fluter 403-699-1953	Basin was the Structural Engineer of Record for the Approximately 65,000 square foot elevated precast concrete compressor station platform for Enbridge. This platform is an LNG Compressor platform servicing the new Venture Global LNG site in Plaquemines Parish, LA. Basin performed design of the pile foundations and elevated precast concrete structure supporting a Titan 250 compressor, filter separators and various other buildings and equipment for this gas compressor site.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2024	\$100 Million	\$18 Million

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
Deep South Studios New Orleans, Louisiana Scott Niemeyer 504-272-2339	Basin Engineering & Surveying provided the structural design for (6) movie production studio buildings totaling 120,300 square foot. Basin provided design of the pile supported foundations, structural steel, clear span trusses and various light pole, transformer and mechanical equipment foundations for the 27 acre studio development.	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Estimated 2026	\$105 Million	\$48 Million

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Shell Norco Laboratory Renovations Norco, LA Katherine Sotolongo 504-465-7212	Basin provided structural engineering design for renovations to the QM Laboratory at the Shell Norco Refinery. This project included design of a new elevator structure and pit added to the building. Foundation modifications to support new exterior overhangs and interior plumbing penetrations as well as modifications to the existing steel super structure to accommodate new rooftop equipment.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
October 2024	\$6.5 Million	\$6.5 Million

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
West Calcasieu Airport-Southland Field Hangars A, B & C West Calcasieu Airport Lake Charles Louisiana Tim Lafleur 337-583-9144	Basin Engineering & Surveying provided design of the pile supported foundations for the three replacement airplane hangars destroyed by hurricane Laura. Basin also provided specification of the pre-engineered metal buildings.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
March 2024	\$5.2 Million	\$3 Million

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Gauthier Road Sanitary Sewer Transport System Phase2 Improvements Lake Charles, Louisiana Calcasieu Parish Police Jury James A. Geihlsler jgeihlsler@calcasieuparish.gov	Basin Engineering & Surveying provided structural design of the 41ft by 35ft by 30ft deep wet well and pump supports.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
September 2024	\$ 6.5 Million	\$4.0 Million

## TEC Professional Services Questionnaire

### PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Gator Express Platforms Plaquemines Parish Louisiana Venture Global Lance Perry 713-850-3499	Basin Engineering & Surveying provided design of two precast concrete platforms and piles located in Barataria Bay. The platforms were 350ft by 150ft and 165ft by 140ft respectively. Each platform was designed for a storm with a 100 year return period.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2023	\$58 Million	\$22Million

### PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Sempra LNG Meter Station Platform' Port Arthur Texas Sempra Infrastructure Fateh (TJ) Tajani 281-627-5996	Basin Engineering & Surveying provided structural design for the 250ft by 150ft elevated precast concrete platform for LNG metering equipment in Port Arthur Texas. The design included cantilever precast concrete piles supporting the concrete platform and equipment including equipment and environmental loads.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated 4th quarter 2025	\$60 Million	\$10 Million

### TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
CarMax Facility Expansion Kenner, LA CarMax Auto Superstores Inc. Rick Steioff 404-358-4953	Design of expansion for parking facilities, utility extensions ,and surcharge grading for the expansion of the Car Max facility in Kenner, LA. Basin provided land surveying services for monitoring of the surcharge program as well as the civil site design for the asphalt paving and extension of utilities, including drainage.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Under Construction	\$2.5 Million	\$2.5 Million

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Air Products Darrow Blue Energy Darrow, LA Air Products Carlos Garcia 832-834-2040	Basin is currently providing design for (4) new buildings at the Blue Hydrogen Facility for Air Products in Darrow, LA. The buildings include a new control building, security building, laboratory and warehouse.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Estimated 1st quarter 2026	N/A	A proximately \$7.0 Million

## TEC Professional Services Questionnaire


**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. No prior litigation		
2.		
3.		
4.		

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

State of Louisiana

**O. To the best of my knowledge, the foregoing is an accurate statement of facts.**


Signature:  \_\_\_\_\_ Print Name: Daniel F. Bobeck, P.E. \_\_\_\_\_  
Title: Principal \_\_\_\_\_ Date: February 27, 2025 \_\_\_\_\_



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Daniel Francis Bobeck Jr.  
2811 B Toulouse St  
New Orleans , Louisiana 70119

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Daniel Francis Bobeck Jr.</b> License/Certificate Type - Number <b>PE.0038640</b> <b>Status: Active</b> Exp Date: 09/30/2026
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer


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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Michael Arthur Carter  
3501 Ridgelake Drive  
Metairie, Louisiana 70002

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Michael Arthur Carter</b> License/Certificate Type - Number <b>PE.0018651</b> <b>Status: Active</b> Exp Date: 03/31/2026
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Kirk James Henry  
5202 Alphonse Court  
Metairie, Louisiana 70006-1009

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Kirk James Henry</b> License/Certificate Type - Number <b>PE.0031062</b> <b>Status: Active</b> Exp Date: 03/31/2026
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Payton James McNeil  
2811B Toulouse Street  
New Orleans, Louisiana 70119

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Payton James McNeil</b> License/Certificate Type - Number <b>EI.0035039</b> <b>Status: Active</b> Exp Date: 03/31/2026
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Ms. Parker Anne Poche  
428 South St. Patrick Street  
New Orleans, Louisiana 70119

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Ms. Parker Anne Poche</b> License/Certificate Type - Number <b>EI.0035669</b> <b>Status: Active</b> Exp Date: <b>09/30/2026</b>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

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### Disclaimer

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**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:

Basin LLC

Public Address:

2811-B Toulouse Street

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000863	Active	07/01/2021	03/31/2026	Mr. Wesley Reid Eustis # PLS.0005225

# **Horizon Engineering**

STATEMENT OF QUALIFICATIONS  
FOR  
SOQ 25-007 – AMES BOULEVARD LIGHTING  
PROJECT (LAPALCO TO BARATARIA)  
FOR  
JEFFERSON PARISH



MARCH 7, 2025

SUBMITTED BY:  
HORIZON ENGINEERING, LLC



1013 N. CAUSEWAY BLVD., SUITE 201  
METAIRIE, LOUISIANA 70001

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

SOQ 25-007 – Ames Boulevard Lighting Project (Lapalco to Barataria)  
Resolution No. 145729

**B. Firm Name & Address:**

**Horizon Engineering, LLC**  
1013 N. Causeway Blvd., Suite 201  
Metairie, LA 70001

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

John Karlin, SE, PE  
Co-Founder and Principal  
jkarlin@horizonengineeringllc.com  
(504) 270-1830

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

Brett Liuzza, PE  
bliuzza@horizonengineeringllc.com  
(504) 270-1830

**E. Please provide the number of employees whose primary function corresponds with each category:**

___ Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	<u>1</u> Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>2</u> Civil Engineers	___ Interior Designers	___ Project Managers
<u>5</u> Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	<u>1</u> Other (Environmental Scientist)
___ Professional Land Surveyors		<u>9</u> <b>TOTAL</b>

**F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒**

**If marked “No” skip to Section I. If marked “yes” complete Sections G-H.**

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1. N/A

2. N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES ☐ NO ☐ N/A

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**

1

## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Brett Liuzza, PE  
Co-Founder and Principal

**Project Assignment:**

Professional-in-Charge, Civil Engineer, and Construction Engineer

**Name of Firm with which associated:**

Horizon Engineering, LLC

**Years' experience with this Firm:**

1 year (16 years with other firms)

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science, 2008, Civil Engineering

**Active registration: Year first registered/discipline:**

Louisiana PE, License No. 37753, 2013, Civil Engineer

**Other experience and qualifications relevant to the proposed Project:**

**Work Zone Safety / Temporary Traffic Control Certifications**

ATSSA Certified Traffic Control Supervisor (TCS), Technician (TCT), and Flagger; LaDOTD Traffic Engineering Process and Report (TEPR) Certification

**Power Blvd. Median Improvements**

**Owner:** City of Kenner (LaDOTD LPA project). **Scope:** Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. **Cost:** ≈\$3,400,000. **Role:** Construction Engineer. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.

**Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)**

**Owner:** SLFPA-E. **Scope:** Fortification of the Lake Pontchartrain seawall and road, pedestrian, drainage, and lighting improvements (5.2 miles long). **Cost:** ≈\$50,000,000. **Role:** Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed erosion control pavement geometric layout, tree preservation wall geometry, site grading, drainage pipes, drainage structures, drainage outfalls, and miscellaneous features. Prepared plans, specifications, opinions of probable construction cost. Coordinated with USACE and CPRA and prepared permit drawings for SLFPA-E, CPRA, and USACE. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.

**Milneburg Group B (FRC) Streets**

**Owner:** City of New Orleans. **Scope:** Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps (14 blocks). **Cost:** ≈\$8,300,000. **Role:** Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15" to 30" RCP, 18x11 to 51x31 RCPA, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.

## TEC Professional Services Questionnaire

**Brett Liuzza, PE (Continued)**

### **Canal Blvd (R.E. Lee – Amethyst)**

**Owner:** City of New Orleans (LaDOTD LPA project). **Scope:** Replacement of asphalt roadway (including curbs, driveways, sidewalks, and curb ramps) and drainage, sewer, and water lines. **Cost:** ≈\$6,800,000. **Role:** Project Manager and Lead Construction Engineer. Managed 2 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to drop inlets, manholes, and other drainage structures in the roadway. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.

### **Magazine St (Leake Ave to East Drive)**

**Owner:** City of New Orleans (LaDOTD LPA project). **Scope:** Replacement of asphalt road with PCC pavement road (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. **Cost:** ≈\$5,900,000. **Role:** Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the road. Performed Site Manager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.

### **Marlyville-Fontainebleau Groups G and H (FRC) Streets**

**Owner:** City of New Orleans. **Scope:** Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. **Cost:** ≈\$23,000,000 (est.). **Role:** Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15" to 30" RCP, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.

### **Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue)**

**Owner:** Jefferson Parish. **Scope:** Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). **Cost:** ≈\$19,000,000 (est.). **Role:** Civil Engineer. Reviewed design of 15" to 72" RCP drainage system and tie-ins to surrounding drainage system. Designed asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.

### **Jefferson Parish Submerged Roadways Program**

**Owner:** Jefferson Parish. **Scope:** Evaluation of Hurricane Katrina related road damage and repair/replacement of deficient roads (85 PCC pavement streets and 8 miles of asphalt roads). **Cost:** ≈\$50,000,000 (est.). **Role:** Civil Engineer. Evaluated roadway damage. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, utility adjustments, and adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared plans, specifications, and opinions of probable construction cost. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.

### **MacArthur Interchange Completion**

**Owner:** LaDOTD. **Scope:** Construction of entrance/exit ramps for Westbank Expressway and relocation of frontage road and associated utilities. **Cost:** ≈\$42,000,000. **Role:** Civil Engineer. Designed roadway geometric layout, 15" to 48" RCP, 15" to 72" equivalent RCPA, 10" sewer force main relocation horizontally drilled underneath 4-lane roadway, and 8" water line relocation. Prepared plans, specifications, and opinion of probable construction cost.

### **Nicholson Drive (LA 30) Segment 1 (Brightside/W. Lee to Gourrier/Burbank)**

**Owner:** City of Baton Rouge. **Scope:** Widening of existing 2-lane asphalt road to 4 lanes (1.08 miles of road, drainage, and utilities). **Role:** Civil Engineer. Performed hydrologic and hydraulic analysis. Designed signalized intersection improvements to accommodate widened road, drainage system, utility relocations, grading, and pavement markings in accordance with LaDOTD requirements. Prepared preliminary plans, specifications, and opinions of probable construction cost.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Ben Bartlett, PE, PTOE Co-Founder and Principal
<b>Project Assignment:</b>
Civil/Traffic Engineer and Construction Engineer
<b>Name of Firm with which associated:</b>
Horizon Engineering, LLC
<b>Years' experience with this Firm:</b>
1 year (15 years with other firms)
<b>Education: Degree(s)/Year/Specialization:</b>
Master of Civil Engineering, 2010, Civil Engineering Bachelor of Science, 2008, Civil/Environmental Engineering
<b>Active registration: Year first registered/discipline:</b>
Louisiana PE, License No. 38980, 2014, Civil Engineer PTOE, License No. 4020, 2016, Professional Traffic Operations Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Work Zone Safety / Temporary Traffic Control Certifications</b> ATSSA Certified Traffic Control Supervisor (TCS), Technician (TCT), and Flagger; LaDOTD Traffic Engineering Process and Report (TEPR) Certification</p> <p><b>Rehabilitation of Causeway Boulevard/Airline Drive Interchange</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). <b>Cost:</b> ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. <b>Role:</b> Lead Civil Engineer and Construction Engineer. Performed hydrologic and hydraulic analysis. Designed modifications to bridge drainage system, temporary traffic control plans, pavement markings, and other related features. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Assisted with development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Assisted with development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.</p> <p><b>Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue)</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). <b>Cost:</b> ≈\$19,000,000 (est.). <b>Role:</b> Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed 15" to 72" RCP drainage system, tie-ins to surrounding drainage system, asphalt pavement, concrete curb and gutter, pavement markings, traffic signals, sequence of construction, and temporary traffic control while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic. Prepared plans, specifications, and opinions of probable construction cost.</p> <p><b>Power Blvd. Median Improvements</b> <b>Owner:</b> City of Kenner (LaDOTD LPA project). <b>Scope:</b> Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. <b>Cost:</b> ≈\$3,400,000. <b>Role:</b> Project Manager and Lead Construction and Traffic Engineer. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders.</p>

## TEC Professional Services Questionnaire

**Ben Bartlett, PE, PTOE (Continued)**

**City of New Orleans Streetscape Projects (Robert E. Lee at Paris Avenue, O.C. Haley Boulevard, St. Antony Avenue, and Broad Street at Washington Avenue)**

**Owner:** City of New Orleans. **Scope:** Beautification program, including road reconstruction, pedestrian and bicyclist facility improvements, landscaping, lighting, and other aesthetic improvements. **Role:** Civil Engineer. Designed pavement, bike paths, sidewalks, and drainage. Prepared plans, specifications, and opinions of probable construction cost.

**Veterans Blvd Transit Signal Priority**

**Owner:** Jefferson Parish (LaDOTD LPA project). **Scope:** Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Kenner and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). **Cost:** ≈\$510,000. **Role:** Project Manager and Lead Construction Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders.

**Causeway Boulevard at 17<sup>th</sup> Street Southbound Roadway and Overpass Widening**

**Owner:** Jefferson Parish. **Scope:** Widening of Causeway Blvd. roadway and overpass of Veterans Blvd. **Role:** Project Manager and Lead Civil Engineer. Designed asphalt milling and overlay, asphalt pavement, concrete curb and gutter, PCC pavement, integral concrete curb, median modifications, pavement markings, signage, and adjustments to drainage structures. Prepared plans, specifications, and opinions of probable construction cost (OPCC).

**Lakeside Mall / Severn Avenue Intersection Traffic Study and Improvements**

**Owner:** Private. **Scope:** Traffic study to evaluate the Lakeside Mall entrance/exit along Severn Avenue at the JC Penney parking lot and existing entrance/exit improvements. **Fee:** ≈\$40,000 (est.). **Role:** Project Manager and Lead Civil, Traffic, and Construction Engineer. Led 4 field personnel for volume count, turning movement count, and pedestrian count equipment installation within Lakeside Mall's internal road network and along Severn Avenue. Performed warrant analysis. Designed expansion of the existing entrance/exit, drainage and utility relocations (sewer, water, electricity, gas, and internet), existing grease trap system/tank replacement, and ADA compliant pedestrian routes. Prepared plans and specifications. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders.

**US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study**

**Owner:** Jefferson Parish. **Scope:** Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). **Fee:** ≈\$190,000. **Role:** Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.

**Zellwood Station Phase 3 Traffic Study**

**Owner:** Private. **Scope:** Traffic study in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail. **Fee:** ≈50,000. **Role:** Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals.

**TTC Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive**

**Owner:** Private. **Scope:** Temporary traffic control plans to facilitate bridge coating and installation of associated temporary works, such as containment systems and work platforms. **Role:** Lead Traffic Engineer. Designed lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). Prepare temporary traffic control plans in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
John Karlin, SE, PE Co-Founder and Principal
<b>Project Assignment:</b>
Structural Engineer and Construction Engineer
<b>Name of Firm with which associated:</b>
Horizon Engineering, LLC
<b>Years' experience with this Firm:</b>
1 year (7 years with other firms)
<b>Education: Degree(s)/Year/Specialization:</b>
Master of Science, 2017, Civil (Structural) Engineering Bachelor of Science, 2016, Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
Louisiana PE, License No. 44795, 2020, Civil and Structural Engineer Illinois SE, License No. 081-008511, 2020, Structural Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Inspection and Work Zone Safety / Temporary Traffic Control Certifications</b>            AMPP (Formerly NACE/SSPC) Certified Coatings Inspector (CIP Level 2); completed AMPP Supervisor/Competent Person Training for Deleading and Hazardous Coatings Removal (C3) course; ATSSA Certified Traffic Control Supervisor (TCS), Technician (TCT), and Flagger; LaDOTD Traffic Engineering Process and Report (TEPR) Certification</p> <p><b>Rehabilitation of Causeway Boulevard/Airline Drive Interchange</b>  <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). <b>Cost:</b> ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. <b>Role:</b> Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.</p> <p><b>Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b>  <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. <b>Cost:</b> ≈\$5,400,000. <b>Role:</b> Coating Quality Assurance Manager. Reviewed submittals, including Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation. Performed coating inspections, including visual inspections and environmental conditions, soluble salts, surface profile, and dry film thickness testing.</p> <p><b>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements</b>  <b>Owner:</b> GNOEC. <b>Scope:</b> Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. <b>Cost:</b> ≈\$40,000,000. <b>Role:</b> Construction Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Managed inventory for ≈\$19,000,000 of stockpiled raw materials and inspected fabricated steel posts and rails prior to installation. Coordinated construction materials testing. Prepared change orders and project closeout documentation.</p>

## TEC Professional Services Questionnaire

John Karlin, SE, PE (Continued)

### **I-10 and I-12 College Flyover Ramp Design-Build**

**Owner:** LaDOTD. **Scope:** Replacement of I-10 WB flyover ramp; widening and rehabilitation of I-10 WB bridge over Ward Creek; and rehabilitation of I-12 to I-10 EB ramp and Essen Lane bridge over I-12. **Cost:** ≈\$50,000,000. **Role:** Lead Structural Independent Technical Reviewer. Reviewed plans and specifications. Analyzed reinforced concrete deck and barriers, 360' skewed continuous steel plate girders, steel cross frames, PPC girders, reinforced concrete diaphragms, rolled steel girders, steel diaphragms, reinforced concrete bents, drilled shafts, and PPC piles. Identified potential design and constructability issues.

### **Causeway Boulevard at 17<sup>th</sup> Street Southbound Roadway and Overpass Widening**

**Owner:** Jefferson Parish. **Scope:** Widening of Causeway Blvd. roadway and overpass of Veterans Blvd. **Role:** Structural Engineer. Designed reinforced concrete deck (including tie-in to existing bridge), PPC girders, reinforced concrete diaphragms, elastomeric bearing pads, reinforced concrete bent caps, reinforced concrete columns, reinforced concrete pile caps, and PPC piles. Prepared plans, specifications, and opinions of probable construction cost (OPCC).

### **Geisenheimer Canal Improvements (Loumor Outfall Ditch to Hoey's Canal)**

**Owner:** Jefferson Parish. **Scope:** Design of box culvert connecting Loumor Outfall Ditch and Woodvine Ditch to Hoey's Canal (12'x8' precast boxes and 3 cast-in-place concrete junction boxes). **Cost:** ≈\$13,000,000 (est.). **Role:** Project Manager and Lead Structural Engineer. Designed precast boxes, cast-in-place reinforced concrete junction box, and curved cast-in-place reinforced concrete transition section for HL-93 vehicular live load and other miscellaneous components. Prepared plans, specifications, and opinions of probable construction cost.

### **Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)**

**Owner:** SLFPA-E. **Scope:** Fortification of the Lake Pontchartrain seawall and road, drainage, and lighting improvements (5.2 miles long). **Cost:** ≈\$50,000,000. **Role:** Structural Engineer and Construction Engineer. Designed pile and sheet piling layouts, grade beams, tree preservation walls, slabs, expansion joints, retaining walls, drainage outfalls, sheet pile pipe penetrations, and light foundations. Assisted with preparation of permit drawings for SLFPA-E, CPRA, and USACE for construction in proximity to existing Bayou St. John floodwalls. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.

### **Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project)**

**Location:** Jefferson and Plaquemines Parishes

**Owner:** United States Army Corps of Engineers (USACE)/LaDOTD. **Scope:** Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. **Cost:** ≈\$134,000,000. **Role:** Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site and reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls. Identified potential public safety issues.

### **US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study**

**Owner:** Jefferson Parish. **Scope:** Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). **Fee:** ≈\$190,000. **Role:** Project Manager and Traffic Engineer. Led coordination with Jefferson Parish, LaDOTD Traffic Engineering Division, RPC, JPSO, and LSP. Prepared scope of work. Managed 6 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Reviewed peak period, peak hour, unmet demand, balanced volumes, and unbalanced and balanced volume maps.

### **Nashville Avenue Wharf "A" Substructure Repairs Phase 2 (CMAR)**

**Owner:** Port of New Orleans. **Scope:** Structural inspection and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). **Cost:** ≈\$25,000,000 (est.). **Role:** Project Manager and Lead Structural Engineer. Led above water and underwater inspections; structural analysis and design; preparation of plans, specifications, and opinion of probable construction cost; and coordination with CMAR contractor. Managed 10 inspectors and 4 divers. Evaluated CMAR contractor value engineering proposals. Reviewed RFIs and submittals.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jeff Puissegur Senior Inspector
<b>Project Assignment:</b>
Resident Inspector
<b>Name of Firm with which associated:</b>
Horizon Engineering, LLC
<b>Years' experience with this Firm:</b>
<1 year (16 years with other firms)
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Arts, 1999, Social Science Associate of Arts, 1996, Business Management
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Inspection and Work Zone Safety / Temporary Traffic Control Certifications</b> LaDOTD certified Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving Inspector; ATSSA Certified Traffic Control Supervisor (TCS), Technician (TCT), and Flagger</p> <p><b>Airline Park Blvd (Camphor – W Napoleon)</b> <b>Owner:</b> Jefferson Parish (LaDOTD LPA project). <b>Scope:</b> Replacement of asphalt roadway and PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps); drainage, sewer, and water improvements; and installation of drainage pump station and associated canal bank sheeting and riprap. <b>Cost:</b> ≈\$6,000,000. <b>Role:</b> Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.</p> <p><b>Jefferson Parish Submerged Roadways Program</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). <b>Cost:</b> ≈\$50,000,000 (est.). <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Assisted with the preparation of project closeout documentation.</p> <p><b>Power Blvd Median Improvements</b> <b>Owner:</b> City of Kenner (LaDOTD LPA project). <b>Scope:</b> Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. <b>Cost:</b> ≈\$3,400,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.</p> <p><b>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)</b> <b>Owner:</b> SLFPA-E. <b>Scope:</b> Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing. Assisted with the review of RFIs. Assisted with the preparation of project closeout documentation.</p>

## TEC Professional Services Questionnaire

Jeff Puissegur (Continued)

### **Milneburg Group B (FRC) Streets**

**Owner:** City of New Orleans. **Scope:** Replacement of asphalt roadway and drainage, sewer, and water improvements. **Cost:** ≈\$8,300,000. **Role:** Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

### **Magazine St (Leake Ave to East Drive)**

**Owner:** City of New Orleans (LaDOTD LPA project). **Scope:** Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. **Cost:** ≈\$5,900,000. **Role:** Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

### **US 11 & US 190 Bicycle and Ped Crossings**

**Owner:** LaDOTD. **Scope:** Intersection improvements at US 11/US 190, including milling, patching, and overlay of asphalt and replacement of asphalt with PCC pavement; installation of traffic signals (vehicular and pedestrian), concrete sidewalks, and crosswalks; and drainage structure modifications. **Cost:** ≈\$1,200,000. **Role:** Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

### **PR 929 Overlay: US 61 – Parker Rd.**

**Owner:** Ascension Parish (LaDOTD LPA project). **Scope:** Milling, patching, and overlay of asphalt road (≈2.4 miles). **Cost:** ≈\$1,100,000. **Role:** Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

### **Grafton Drive Pavement Rehabilitation**

**Owner:** City of Slidell (LaDOTD LPA project). **Scope:** Repair/replacement of deficient PCC pavement panels, curb, driveways, and handicap ramps. **Cost:** ≈\$1,000,000. **Role:** Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

### **LPV-104.01a London Avenue Canal to IHNC**

**Owner:** USACE. **Scope:** Raising of multiple levee ramps in accordance with USACE HSDRRS between London Avenue Canal and IHNC. **Cost:** ≈\$14,000,000. **Role:** Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Assisted with the preparation of project closeout documentation.

### **LPV-113 Michoud Slip/Canal Levee**

**Owner:** USACE. **Scope:** Raising of levee, levee enlargement, channel excavation, foreshore protection works, levee scour protection, and relief wells in accordance with USACE HSDRRS between Michoud Canal and the Michoud Slip. **Role:** Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Assisted with the preparation of project closeout documentation.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Keith Schulz Inspector
<b>Project Assignment:</b>
Inspector
<b>Name of Firm with which associated:</b>
Horizon Engineering, LLC
<b>Years' experience with this Firm:</b>
<1 year (12 years with other firms)
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science, 2012, Construction Management
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Inspection Certifications</b> LaDOTD certified HMA (Asphalt Concrete) Paving Inspector</p> <p><b>Mid-City Group B Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (111 blocks). <b>Cost:</b> ≈\$24,000,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.</p> <p><b>Milneburg Group B (FRC) Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roadway and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$8,300,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.</p> <p><b>Audubon Group A Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (89 blocks). <b>Cost:</b> ≈\$9,400,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.</p> <p><b>Black Pearl Group B Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; and drainage, sewer, and water improvements (18 blocks). <b>Cost:</b> ≈\$6,600,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.</p> <p><b>Extension of Taxiway Golf and Taxiway Bravo</b> <b>NOAB Project No. TWY G-1234 &amp; TWY B-1235</b> <b>Owner:</b> New Orleans Aviation Board. <b>Scope:</b> Extension of Taxiway Golf to the end of Runway 11 (≈1,500 feet), extension of Taxiway Bravo to Taxiway Golf, and associated lighting and signage improvements. <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.</p>

## TEC Professional Services Questionnaire

Keith Schulz (Continued)

### **Other Heavy Civil Construction Experience**

**Scope:** Various heavy civil construction projects, including demolition, pile driving, earthwork, drainage, utilities, asphalt pavement, and PCC pavement. **Role:** Multiple roles, including Project Manager and Estimator. Reviewed bid advertisements and prepared quantity takeoffs. Reviewed plans and specifications and prepared work plans for field personnel. Managed field personnel and coordinated with subcontractors. Resolved field and contract issues with owner and field personnel. Prepared RFIs, submittals, and change order requests.

### **Other Surveying Experience**

**Scope:** Surveying for various site development, road, and drainage projects. **Role:** Survey Technician. Assisted with topographic surveying, including establishing vertical and horizontal control, obtaining elevations, and locating visible utilities.

### **Other Residential Construction Experience**

**Scope:** Various residential construction projects. **Role:** Multiple roles, including Quality Control Field Manager and Quality Control Field Representative. Performed inspections and observed inspections by others. Coordinated inspections and non-destructive testing with owner and subcontractor personnel. Verified that necessary quality control records, acceptance certificates, mechanical completion certificates, and other documentation for specific building systems were prepared and documented. Assisted with identification and resolution of nonconforming work, including preparation of corrective action plans.



## TEC Professional Services Questionnaire

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><b>Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b> Metairie, Louisiana</p> <p>Jefferson Parish 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123</p> <p>Matthew Zeringue (504) 736-6500 matthew.zeringue@jeffparish.gov</p>	<p>The Causeway Boulevard/Airline Drive Interchange was originally constructed in the 1950s and consists of 8 ramps, an elevated traffic circle, and a 4-lane overpass. This project is the second phase of rehabilitation of the interchange and involves coating Ramps 6 and 7 and the Overpass, including containment system and suspended work platform installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning to remove existing coatings containing lead and other hazardous materials and provide a surface profile; and application of a three coat system consisting of an organic zinc primer, epoxy intermediate coat, and polyurethane top coat.</p> <p>Horizon is currently providing coating quality assurance services for Jefferson Parish, including review of the Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation; visual inspections; and environmental conditions, soluble salts, surface profile, and dry film thickness testing. Horizon's personnel led the overall interchange rehabilitation project while at their previous firm, including the design of this project, design of the first phase and future phases, and construction administration, construction engineering, and resident inspection of the first phase completed in 2023 (Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive; ≈\$13,000,000 construction cost).</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2024 (est.)	≈\$5,400,000 (construction cost)	≈\$15,000 (est.) (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Temporary Traffic Control Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b> Metairie, Louisiana</p> <p>Royal Bridge Inc. 3601 Alt 19 North Palm Harbor, FL 34683</p> <p>Emmanuel Chrysakis (727) 934-6042 emmanuel@royalbridgeinc.com</p>	<p>The Causeway Blvd./Airline Dr. Interchange was originally constructed in the 1950s and consists of 8 ramps, a 4-lane overpass, and an elevated traffic circle. Horizon Engineering, LLC prepared temporary traffic control (TTC) plans to facilitate the coating of Ramps 6 and 7 and the Overpass and installation of associated temporary works, such as containment systems and work platforms. The TTC plans include lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). The TTC plans were prepared in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2024 (engineering services)	≈\$5,400,000 (construction cost)	≈\$8,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Independent Technical Review of Lakefront Airport Pump Station Temporary Retaining Structure Design</b> New Orleans, Louisiana</p> <p>RNGD 1450 L &amp; A Rd. Metairie, LA 70001</p> <p>Stephen Abadie (504) 620-8022 sabadie@rngd.com</p>	<p>Horizon Engineering, LLC (Horizon) performed an independent technical review (ITR) of the Lakefront Airport pump station temporary retaining structure (TRS) design. The TRS is required to facilitate construction of an approximately 123'x43'x28' deep reinforced concrete reservoir for a future 600 CFS pump station. The TRS is used to stabilize a 45' deep excavation in soft clays outside of flood protection prior to construction of the seal slab and reservoir. Horizon reviewed the TRS design and calculations and associated plans, specifications, geotechnical report, and construction phase geotechnical investigation information. Horizon prepared independent calculations for approximate TRS force effects and TRS components, including sheeting, walers, and struts, and a report summarizing the independent technical review. Horizon also performed ITRs of revised TRS designs.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2024 (engineering services)	≈\$13,000,000 (construction cost)	≈\$22,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Zellwood Station Phase 3</b> Zellwood, Florida</p> <p>Zellwood Development Group, LLC 2893 Upland Ridge Chuluota, FL 32766</p> <p>Steve MacGeorge (321) 356-1802 stevemacgeorge@smacgeorge.com</p>	<p>The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) prepared a conceptual planning study to investigate the subdivision of the site, drainage requirements, and improvements to access from US 441; prepared final plans and specifications; and is currently awaiting permit reviews. Horizon's duties include:</p> <ul style="list-style-type: none"> <li>Review of site zoning information/maps, topographic and boundary surveys, traffic studies, and geotechnical investigations and reports.</li> <li>Preparation of preliminary site plans illustrating potential configurations of commercial lots within the site.</li> <li>Hydrologic and hydraulic modeling, analysis, and design to determine subsurface drainage and detention pond requirements for multiple configurations of the site.</li> <li>Coordination with the Florida Department of Transportation (FDOT), Federal Aviation Administration (FAA), St. Johns River Water Management District, Orange County, and City of Apopka.</li> <li>Investigation of potential improvements to access from US 441, including the feasibility of widening the existing shared driveway and adding new driveways, turn lanes, and/or a signalized intersection.</li> <li>Coordination and relocation of utilities.</li> <li>Permitting assistance.</li> <li>Preparation of final plans and specifications, including site grading; subsurface drainage and detention pond; sewer lift station; widening of existing asphalt pavement driveway, new Portland Cement Concrete (PCC) pavement driveway, concrete curbs, sidewalks, curb ramps, and pavement markings; potential signalized intersection and associated median modifications; and other miscellaneous features.</li> <li>Construction support.</li> </ul>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
July 2025 (est.)	TBD	≈\$72,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Zellwood Station Phase 3 Traffic Study</b> Zellwood, Florida</p> <p>Zellwood Development Group, LLC 2893 Upland Ridge Chuluota, FL 32766</p> <p>Steve MacGeorge (321) 356-1802 stevemacgeorge@smacgeorge.com</p>	<p>The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) completed a traffic study to evaluate access to the site from US 441 in accordance with Florida Department of Transportation (FDOT) requirements. Horizon's duties included:</p> <ul style="list-style-type: none"> <li>Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441.</li> <li>Review crash data along US 441, perform crash data analysis, and prepare collision diagrams.</li> <li>Perform traffic signal warrant analysis.</li> <li>Estimate increased traffic volume due to development of site.</li> <li>Evaluate sight distance requirements.</li> <li>Prepare conceptual layouts for multiple alternatives, including signalized intersection with new left turn lane from US 441, median openings, driveways, and adjustments to timing of adjacent traffic signals.</li> <li>Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections.</li> <li>Prepare preliminary drainage calculations.</li> <li>Coordinate with FDOT.</li> </ul>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2024	≈\$54,000 (fee)	≈\$54,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>Mound Rest Area Improvements</b> Mound, Louisiana</p> <p>LaDOTD through Delta Design Professionals LLC 4141 Hwy. 577 Winnsboro, LA 71295</p> <p>Ken Free (318) 729-9035 ken.free@deltadp.com</p>	<p>The Mound Rest Area Improvements (Route I-20 Westbound) project will construct numerous pavilions and covered walkways throughout the site. Horizon Engineering, LLC (Horizon) analyzed the proposed architectural design (roof sheathing, rafters, purlins, columns, base plate/anchors, and associated connections) of pavilions/covered walkways PV1, PV3, PV4, PV5, CW1, and CW2 for gravity, wind, and seismic loads. Horizon prepared structural calculations for submittal to DOTD and structural details describing the anchorage of the pavilions to the foundations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
March 2025 (est.)	≈\$22,000,000 (construction cost)	≈\$10,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>2188 Sprint Blvd</b> Apopka, Florida</p> <p>Sprint Blvd, LLC 2893 Upland Ridge Chuluota, FL 32766</p> <p>Steve MacGeorge (321) 356-1802 stevemacgeorge@smacgeorge.com</p>	<p>The 2188 Sprint Blvd. site consists of approximately 1.5 acres with an existing pre-engineered metal building and asphalt parking lot. Horizon Engineering, LLC (Horizon) prepared plans and specifications and is currently awaiting permit reviews. Horizon's duties included:</p> <ul style="list-style-type: none"> <li>Hydrologic and hydraulic analysis to facilitate permitting</li> <li>Design of existing asphalt pavement removal to facilitate expansion of the existing building</li> <li>Design of new asphalt pavement to maintain parking and accessibility after construction of the building expansion</li> <li>Design of erosion and sediment control items</li> <li>Preparation of plans and specifications</li> <li>Permitting assistance</li> <li>Coordination with the Contractor</li> </ul>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2025 (est.)	TBD	≈\$15,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>Crescent City Brewhouse Structural Inspection for New Water Tank Installation</b></p> <p style="text-align: center;">New Orleans, Louisiana</p> <p>Crescent City Brewhouse 527 Decatur Street New Orleans, LA 70130</p> <p>Joel Zetzmann (504) 522-0571 joel@ccbno.com</p>	<p>Horizon Engineering, LLC performed a structural inspection and evaluation of the historic Crescent City Brewhouse building in the New Orleans French Quarter to determine whether the existing structure could support the installation of new water tanks on the fourth floor. The structural inspection and subsequent recommendations considered the material type, dimensions, configuration, and current condition of structural components, including timber decking, timber beams, brick masonry walls, steel girders, steel columns, masonry foundations, and reinforced concrete foundations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
February 2024	N/A	≈\$1,000 (fee)

## TEC Professional Services Questionnaire

PROJECT NO. 9	
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<b>Staff Experience at Previous Employer</b>	We have the available capacity to quickly complete work and will make any awarded project our top priority. Although we have not completed many Jefferson Parish projects yet as a firm, our engineering staff has over 35 years of combined experience delivering successful infrastructure projects across Louisiana, including numerous projects for Jefferson Parish. Additionally, our inspection staff has over 60 years of combined experience. Our staff frequently worked together on major Jefferson Parish projects at their previous employer. Please see the table below for a list of such projects and Sections K and N for additional information regarding the expertise and experience of our staff and the projects that they have worked on.

### PROJECTS WORKED ON BY STAFF AT PREVIOUS EMPLOYER

PROJECT	OWNER	CONSTRUCTION COST	KEY PERSONNEL INVOLVED
Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue)	Jefferson Parish	≈\$19,000,000 (est.)	Ben Bartlett and Brett Liuzza
Jefferson Parish Submerged Roadways Program	Jefferson Parish	≈\$50,000,000	Ben Bartlett, Brett Liuzza, and Jeff Puissegur
Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive	Jefferson Parish	≈\$13,000,000	John Karlin and Ben Bartlett
Rehabilitation of Ramps 4, 5, 8, and Traffic Circle of Causeway Boulevard at Airline Drive	Jefferson Parish	≈\$41,000,000 (est.)	John Karlin and Ben Bartlett
Power Blvd. Median Improvements	City of Kenner / LaDOTD	≈\$3,400,000	Ben Bartlett and Brett Liuzza
Relocation of East St. Bernard Highway and Associated Utilities	Port of New Orleans	≈\$50,000,000	Ben Bartlett, John Karlin, and Brett Liuzza
Lake Pontchartrain Causeway Southbound Bridge Rail Improvements	GNOEC	≈\$40,000,000	Ben Bartlett and John Karlin
W. Esplanade Bridges @ Duncan Canal	LaDOTD	≈\$14,000,000	Ben Bartlett and John Karlin
Lake Pontchartrain Seawall Area Erosion Control Paving	SLFPA-E	≈\$50,000,000	Brett Liuzza, Ben Bartlett, John Karlin, and Jeff Puissegur

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
N/A	N/A	N/A

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary. None**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

Horizon Engineering, LLC (Horizon) is led by three Louisiana engineers with nearly 40 years of combined experience delivering successful infrastructure projects across the Gulf Coast region. Our principals have worked together for nearly 10 years and have an extensive and complementary skillset that encompasses civil, structural, and environmental engineering. Horizon is certified as a Small Entrepreneurship with Louisiana Economic Development's (LED) Hudson Initiative and certified by the LED Division of Small and Emerging Business Development as a Small and Emerging Business Enterprise.

Horizon's principals serve as our lead design and construction engineers and are always available to respond to Jefferson Parish's needs. All our principals were born and raised in southern Louisiana (John Karlin was born and raised in Jefferson Parish) and care deeply about our region. Ben Bartlett and John Karlin are both current Jefferson Parish residents. We have a personal

### KEY PERSONNEL

Ben Bartlett, PE, PTOE

Brett Liuzza, PE

John Karlin, SE, PE

connection to our work and are extremely invested in the success of our projects.

We are committed to quality and efficiency. Our goal is to help Jefferson Parish get the most out of their available budget. We leverage technology to minimize our overhead costs and maximize the productivity of our personnel.

Horizon's ability to satisfy each of the evaluation criteria is summarized below.

## TEC Professional Services Questionnaire

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

**1. Professional training and experience**

Horizon's staff consists of highly educated, trained, and experienced civil, structural, and environmental engineers and inspectors. All of our engineers are licensed professional engineers in Louisiana and have completed graduate level coursework. Our personnel have a unique combination of experience in both design and construction, which enables us to identify potential constructability issues during the design phase and reduce the potential for costly change orders during construction.

Our professional development program ensures that our personnel remain up to date with the latest industry advancements, such as software, analysis/design methods, materials, and construction methods. We understand that work zone safety and the maintenance of traffic during construction are essential elements of a successful Jefferson Parish project. Each of our engineers are certified by the American Traffic Safety Services Association (ATSSA) as a Traffic Control Supervisor (TCS), Technician (TCT), and Flagger and the Louisiana Department of Transportation and Development (LaDOTD) for the Traffic Engineering Process and Report (TEPR).

Horizon will provide civil, traffic, and structural engineering services to support the lighting design as well as assist with construction oversight. Horizon's personnel have worked together with IMC Consulting Engineers, Inc. (IMC) previously to provide complete lighting designs. One such project was the Lake Pontchartrain Seawall Erosion Control Paving project, which included over 5 miles of lighting designed by IMC, with Horizon's personnel designing the light foundations/pedestals and other associated features.

**2. Size of firm**

Horizon has sufficient personnel to perform a variety of tasks, such as:

- Design and preparation of plans and specifications
- Construction administration, including Request for Information (RFI), submittal, pay application, and construction schedule review
- Construction engineering and inspection, including resident inspection

**3. Capacity for timely completion of newly assigned work**

We have the available capacity to quickly complete work and will make this project our top priority.

**4. Past performance on a project in which the person or firm assisted a governmental entity in dealings with Disaster Recovery and any other projects relating to CDBG**

While Horizon has not completed many Jefferson Parish projects yet as a firm, Horizon's personnel have worked on many Jefferson Parish projects, such as:

- Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue)
- Jefferson Parish Submerged Roadways Program
- Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive
- Rehabilitation of Ramps 4, 5, 8, and Traffic Circle of Causeway Boulevard at Airline Drive
- Causeway Boulevard at 17<sup>th</sup> Street Southbound Roadway and Overpass Widening
- Geisenheimer Canal Improvements (Loumor Outfall Ditch to Hoey's Canal)
- West Esplanade Avenue Canal Crossing (Between Williams Boulevard and David Drive)
- Veterans Blvd Transit Signal Priority
- US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study
- Independence Park Drainage Pump Station Study
- Geisenheimer Canal Drainage Pump Station Study
- Frisco Avenue Drainage Improvements

The Jefferson Parish Submerged Roadways Program involved disaster recovery funding. Horizon's personnel have also worked on many City of New Orleans JIRR projects that involved FEMA funding and associated coordination to ensure that the proper funding source was used for each item of construction. Please see Section K for additional information regarding the projects our personnel have worked on.

## TEC Professional Services Questionnaire

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

**5. Location of the principal office**

Horizon is a local small business. Our principal office is centrally located in Jefferson Parish at 1013 N. Causeway Blvd.; therefore, we can be nearly anywhere in the Parish in less than 30 minutes, including the project site, the Yenni Building, and the General Government Building.

**6. Adversarial legal proceedings**

Horizon is not involved in and has never been involved in any legal proceedings with the Parish.

**7. Prior successful completion of projects**

Horizon has not completed many similar projects yet as a firm; however, Horizon's personnel have successfully completed many projects for Jefferson Parish and other clients throughout southeast Louisiana. If selected, our personnel will provide the same expertise and experience that they have on previously completed Parish projects. Please see Criterion 4, Past performance by person or firm on Parish contracts, and Sections K and L for additional information.

### **WHY SELECT HORIZON ENGINEERING, LLC?**

- We have a unique combination of design and construction experience.
- We are local and are very familiar with Jefferson Parish requirements.
- We have the available capacity to quickly complete work and will make this project our top priority.
- We have a personal connection to our work and are deeply invested in the success of our projects. We care about our work and understand how important this project is to our community.

We appreciate your consideration of our Statement of Qualifications and hope to partner with Jefferson Parish to deliver an exceptional project that improves our community.

**O. To the best of my knowledge, the foregoing is an accurate statement of facts.**

Signature: \_\_\_\_\_



Print Name: John Karlin, SE, PE

Title: Co-Founder and Principal


Date: March 7, 2025



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Brett Charles Liuzza  
6578 Louisville Street  
New Orleans, Louisiana 70124

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Brett Charles Liuzza</b> License/Certificate Type - Number <b>PE.0037753</b> <b>Status: Active</b> Exp Date: 09/30/2025
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Benjamin Maxwell Bartlett  
1013 N. Causeway Blvd.  
Metairie, Louisiana 70001

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>
	<b>Mr. Benjamin Maxwell Bartlett</b> License/Certificate Type - Number <b>PE.0038980</b> <b>Status: Active</b> Exp Date: 09/30/2026
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## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/5/2025 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. John Schulmeister Karlin  
1013 N. Causeway Blvd., Suite 201  
Metairie, Louisiana 70001

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	<b>Mr. John Schulmeister Karlin</b> License/Certificate Type - Number <b>PE.0044795</b> <b>Status: Active</b> Exp Date: 03/31/2025
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**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name:

Horizon Engineering, LLC

Public Address:

1013 N. Causeway Blvd., Suite 201

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0007715	Active	12/15/2023	03/31/2026	Mr. Brett Charles Liuzza # PE.0037753 ; Mr. Benjamin Maxwell Bartlett # PE.0038980 ; Mr. John Schulmeister Karlin # PE.0044795