CONTRACT NO. 4400034521
STATE PROJECT NO. H.016383.5

LAFOURCHE SCHOOL ZONES CROSSING UPGRADES

CENTRAL LAFOURCHE HIGH SCHOOL

CAREER MAGNET CENTER

MARCH 11, 2026

SUBMITTED BY:

HORIZON ENGINEERING, LLC

110 VETERANS MEMORIAL BLVD, STE 430
METAIRIE, LOUISIANA 70005

DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	LAFOURCHE SCHOOL ZONES CROSSING UPGRADES
2. Contract Number(s) as shown in the advertisement	4400034521
3. State Project Number(s), if shown in the advertisement	H.016383.5
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	Horizon Engineering, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0007715
6. Prime consultant mailing address	110 Veterans Memorial Blvd, Ste 430 Metairie, LA 70005
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	110 Veterans Memorial Blvd, Ste 430 Metairie, LA 70005
8. Name, title, phone number, and email address of prime consultant's contract point of contact	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com

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

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: March 11, 2026 Date:

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

12. <u>Discipline Table:</u>

Discipline(s)	% of Overall Contract	Horizon Engineering, LLC **(Prime)**	T. Baker Smith, LLC	Each Discipline must total to 100%
Road	50%	100%	0%	**100%**
Survey	15%	0%	100%	**100%**
Traffic	25%	100%	0%	**100%**
ITS	10%	100%	0%	**100%**
Identify the percentage of work for the **<u>overall contract</u>** to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	**100%**	**85%**	**15%**	**100%**

13. <u>Team Size:</u>

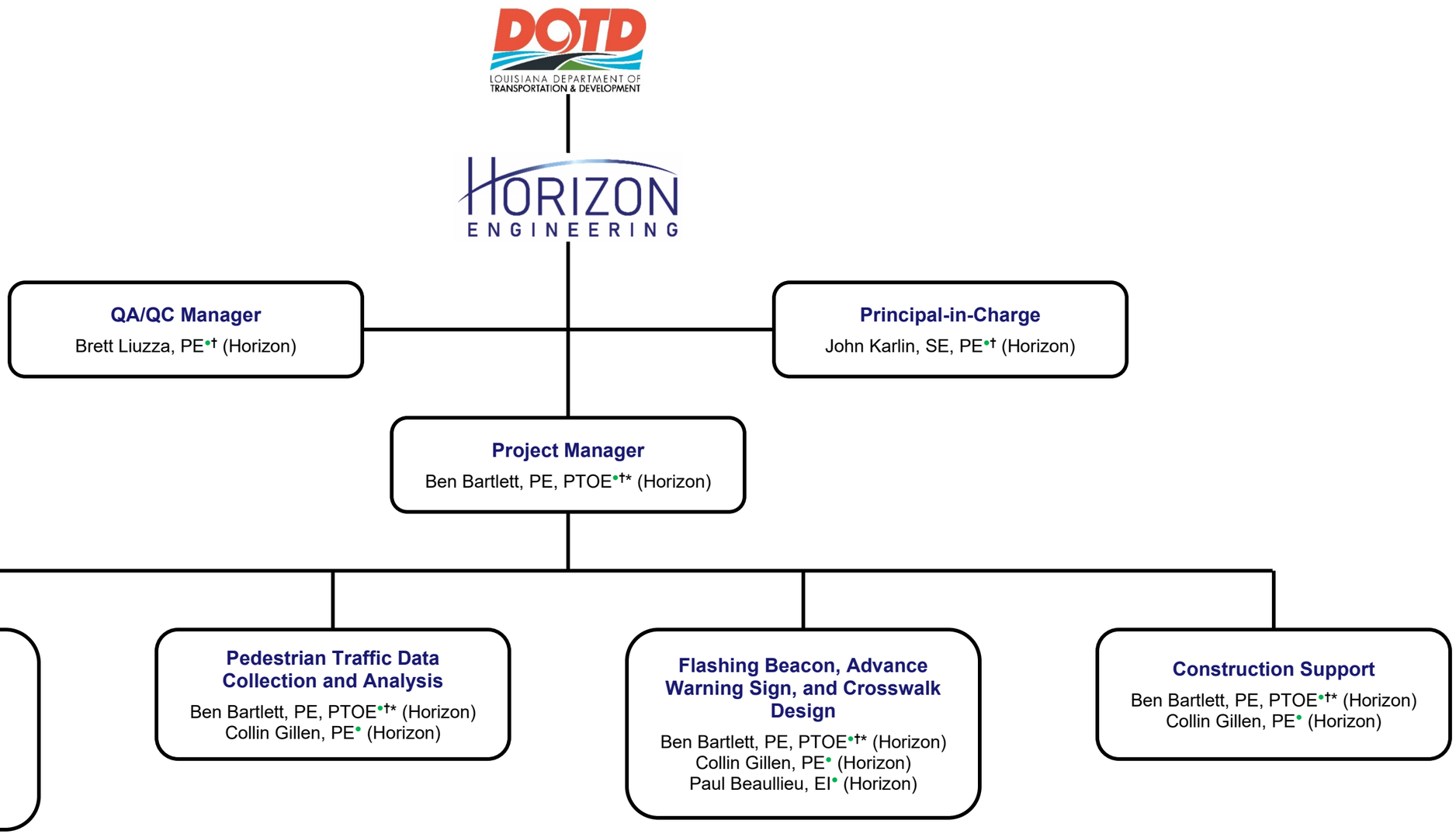
Firm name	DOTD Job Classification	**Number of personnel <u>committed</u> to this contract ***	Total number of personnel available in this DOTD Job Classification (if needed)
Horizon Engineering, LLC	Principal	1	3
	Supervisor - Eng	1	3
	Engineer	2	4
	Engineer Intern	0	2
	CADD Technician	1	1
	Inspector - Lead	0*	1
	Inspector - Certified	0*	2
	Inspector	0*	5
T. Baker Smith, LLC	Surveyor	2	4
	Senior Technician	1	8
	Party Chief	1**	3

*Inspectors will be used as necessary to facilitate field investigations and pedestrian traffic data collection/analysis.
**Survey crews will be used to obtain additional data using traditional methods as necessary to supplement aerial photogrammetry/LiDAR data.

14. Organizational Chart:

Legend

- • Work Zone Training (ATSSA Certified TCS, TCT, and Flagger)
- † Traffic Engineering Process and Report (TEPR) Training
- * Personnel Performing Traffic Engineering Analysis



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026
2	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
3	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027

16. Staff Experience:

<table>
<tr><td colspan="6">Firm employed by **Horizon Engineering, LLC**</td></tr>
<tr><td>Name</td><td colspan="2">Ben Bartlett, PE, PTOE</td><td colspan="2">Years of relevant experience with this employer</td><td>2</td></tr>
<tr><td>Title</td><td colspan="2">Co-Founder and Principal</td><td colspan="2">Years of relevant experience with other employer(s)</td><td>15</td></tr>
<tr><td colspan="3">Degree(s) / Years / Specialization</td><td colspan="3">Master of Civil Engineering / 2010 / Civil Engineering
Bachelor of Science / 2008 / Civil/Environmental Engineering</td></tr>
<tr><td colspan="3">Active registration number / state / expiration date</td><td colspan="3">PE: 38980 / LA / 9/30/2026
PTOE: 4020 / USA / 3/29/2028</td></tr>
<tr><td>Year registered</td><td>PE: 2014
PTOE: 2016</td><td>Discipline</td><td colspan="3">Civil Engineer
Professional Traffic Operations Engineer</td></tr>
<tr><td colspan="3">Contract role(s) / brief description of responsibilities</td><td colspan="3">**Role:** Project Manager and Lead Civil/Traffic Engineer **(Satisfies MPRs 1, 2, and 3)**
Responsibilities: Project management; field investigation; pedestrian traffic data collection and analysis; crosswalk, flashing beacon, sidewalk, curb ramp, drainage, and temporary traffic control design; and coordination with DOTD, affected schools, and other stakeholders.</td></tr>
<tr><td>Experience dates (mm/yy–mm/yy)</td><td colspan="5">Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</td></tr>
<tr><td>06/10 – Present</td><td colspan="5">• Nearly 20 years of traffic engineering and road design and construction experience, including traffic studies in accordance with DOTD TEPR requirements and DOTD and DOTD LPA projects involving Intelligent Transportation Systems (ITS) and pedestrian facility improvements.
• Licensed Professional Traffic Operations Engineer with significant experience coordinating, designing, inspecting, and adjusting temporary traffic control to promote motorist, pedestrian, and worker safety within active construction zones.
• Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.
• Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</td></tr>
<tr><td>10/18 – 07/19</td><td colspan="5">**Lakeshore Drive Vehicular and Pedestrian Traffic Study**
Owner: SLFPA-E. **Scope:** Vehicular and **pedestrian traffic study** along Lakeshore Drive. **Fee:** ≈$40,000. **Role:** Project Manager and Lead Traffic Engineer. Led data collection and analysis (volume counts, turning movement counts, and **pedestrian counts**). Reviewed traffic accident reports, existing roadway geometry (i.e., sight lines/distances), and **crosswalk warrant analysis to determine traffic calming and pedestrian crossing improvement options.**</td></tr>
<tr><td>04/23 – 01/24</td><td colspan="5">**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.</td></tr>
</table>

Ben Bartlett, PE, PTOE (Continued)

08/24 – 05/25	**Zellwood Station Phase 3 Traffic Study and ICE** **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:** ≈80,000. **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. Performed intersection control evaluation.
05/23 – 01/24	**H.011779.6 – 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:** Project 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**.
01/20 – 06/21	**Lakeside Mall / Severn Avenue Intersection Traffic Study and Improvements** **Owner:** Private. **Scope:** **Traffic study** to evaluate the Lakeside Mall entrance/exit along Severn Avenue. **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. Performed additional field observations during peak traffic/shopping periods. **Performed warrant analysis**. Designed expansion of the existing entrance/exit, drainage and utility relocations (sewer, water, electricity, gas, and internet), and **ADA compliant pedestrian routes**. Prepared plans and specifications.
07/12 – 05/14	**City of New Orleans Streetscape Projects (Robert E. Lee Blvd at Paris Ave, Oretha Castle Haley Blvd, St. Antony Ave, and Broad St at Washington Ave)** **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.
05/20 – 01/24	**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:** 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.
03/25 – Present	**H.014049.6 – St. Bernard Pedestrian Improvements** **Owner:** LaDOTD. **Scope:** Pedestrian facility improvements, including **rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks**, handrails, and other associated features. **Cost:** ≈$500,000. **Role:** QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
10/25 – Present	**H.014737.6 – Signal Upgrade: Sgt Alfred Dr @ Cleveland** **Owner:** City of Slidell (LaDOTD LPA project). **Scope:** Replacement of existing wire mounted traffic signals and installation of new **crosswalks and pedestrian signals**. **Cost:** ≈$380,000. **Role:** Project Engineer. Reviewed submittals and pay applications. Performed HeadLight and SiteManager duties.

16. Staff Experience:

Firm employed by **Horizon Engineering, LLC**				
Name	Brett Liuzza, PE		Years of relevant experience with this employer	2
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			Bachelor of Science / 2008 / Civil Engineering	
Active registration number / state / expiration date			37753 / LA / 9/30/2027	
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			**Role:** QA/QC Manager **(Satisfies MPRs 1, 2, and 3)** **Responsibilities:** Quality assurance/quality control reviews.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/08 – Present	• Nearly 20 years of road design and construction experience, including many recent DOTD and DOTD LPA projects involving sidewalks, curb ramps, crosswalks, pedestrian signals, and other pedestrian facility improvements. • Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. • Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.
08/08 – 05/09	**East Baton Rouge Parish School System Site Development** **Owner:** East Baton Rouge Parish. **Scope:** Multiple schools throughout East Baton Rouge Parish. **Role:** Civil Engineer. Designed **crosswalks and signage**, site grading, drainage pipes and structures, utility connections, and miscellaneous site features. Prepared Stormwater Management Plans, plans, specifications, and opinions of probable construction cost. Prepared permit applications and supporting documents and performed inspections.
01/10 – 05/11	**Laplace Elementary School** **Owner:** St. John the Baptist Parish. **Scope:** Site development, including drainage, sewer, and water lines; **curbs, driveways**, and parking; and **sidewalks and curb ramps**. **Role:** Civil Engineer. Performed drainage analysis and design and utility design. Designed parking lots and driveway entrances, sidewalk geometric layout, concrete pavement, concrete curb and gutter, 15" to 24" RCP, and sewer and water mains, valves, fittings, and offsets. Prepared plans, specifications, and opinion of probable construction cost.
01/09 – 03/10	**St. Charles Parish Library – Paradis Branch** **Owner:** St. Charles Parish. **Scope:** Site development, including drainage, sewer, and water lines and parking, driveways, curbs, **sidewalks, and curb ramps**. **Role:** Civil Engineer. Performed drainage analysis and design and utility design. Designed parking lots and driveway entrances, sidewalk geometric layout, concrete pavement, concrete curb and gutter, 15" to 18" RCP, and sewer and water mains, valves, fittings, and offsets. Prepared plans, specifications, and opinion of probable construction cost.
05/21 – 12/22	**RR122 and RR123 Marlyville-Fontainbleau Groups G and H (FRC)** **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.

Brett Liuzza, PE (Continued)

09/20 – 07/22	**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**. **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.
07/13 – 05/22	**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), including an approximately **5 mile-long, 40-foot-wide pedestrian promenade**. **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.
07/12 – 05/13	**Leake Ave Improvements Transportation Feasibility Study** **Owner:** NORPC. **Scope:** Stage 0 Feasibility Study and Environmental Inventory for the possible realignment of Leake Avenue in order to establish **new and improved sidewalks and bicycle facilities** and a landscaped buffer zone between the community and the Public Belt Railroad. **Fee:** $150,000. **Role:** Project Manager and Civil Engineer. Prepared the study report which included conceptual roadway, utility and drainage design, **pedestrian crossings** and striping, prepared conceptual plans and typical sections for the report and public meetings and opinion of probable construction cost.
07/13 – 04/16	**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.
03/25 – Ongoing	**H.014049.6 – St. Bernard Pedestrian Improvements** **Owner:** LaDOTD. **Scope:** Pedestrian facility improvements, including **rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks**, handrails, and other associated features. **Cost:** ≈$500,000. **Role:** Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.
07/12 – 10/16	**H.002550.6-R1 (Phase 1A) and H.009933.6 (Phase 1B) – 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.

16. Staff Experience:

Firm employed by **Horizon Engineering, LLC**					
Name	John Karlin, SE, PE		Years of relevant experience with this employer		2
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)		7
Degree(s) / Years / Specialization			Master of Science / 2017 / Civil (Structural) Engineering Bachelor of Science / 2016 / Civil Engineering		
Active registration number / state / expiration date			PE: 44795 / LA / 3/31/2027 SE: 081-008511 / IL / 11/30/2026		
Year registered	PE: 2020 SE: 2020	Discipline	Civil Engineer and Structural Engineer Structural Engineer		
Contract role(s) / brief description of responsibilities			**Role:** Principal-in-Charge **(Satisfies MPRs 1, 2, and 3)** **Responsibilities:** Contract administration and coordination with DOTD, affected schools, and other stakeholders.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/17 – Present	• Nearly 10 years of traffic engineering and road/bridge design experience. • Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. • Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.
07/21 – 12/22	**H.013897 – 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.
01/21 – 01/24	**Rehabilitation of Causeway Boulevard/Airline Drive Interchange** **Scope:** Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). **Cost:** ≈$18,000,000 completed, ≈$41,000,000 (est.) remaining. **Role:** 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. 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.
10/18 – 07/19	**Lakeshore Drive Vehicular and Pedestrian Traffic Study** **Owner:** SLFPA-E. **Scope:** Vehicular and pedestrian traffic study along Lakeshore Drive. **Fee:** ≈$40,000. **Role:** Traffic Engineer. Obtained and analyzed volume counts, turning movement counts, and **pedestrian counts to assist with the determination of traffic calming and pedestrian crossing improvement options** for Lakeshore Drive.

John Karlin, SE, PE (Continued)

03/25 – Present	**H.014049.6 – St. Bernard Pedestrian Improvements** **Owner:** LaDOTD. **Scope:** Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. **Cost:** ≈$500,000. **Role:** Principal-in-Charge. Coordinated with DOTD and the Contractor.
04/25 – Present	**H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie** **Owner:** City of Youngsville (LaDOTD LPA project). **Scope:** Full road reconstruction, including new asphalt road, subsurface drainage system (15" RCP to 48" RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. **Cost:** ≈$8,700,000. **Role:** Principal-in-Charge. Coordinated with City of Youngsville, DOTD, and the Contractor.
04/25 – 02/26	**H.012868.6 – Fortune Road Pavement Preservation** **Owner:** City of Youngsville (LaDOTD LPA project). **Scope:** Milling, patching, and overlay of existing asphalt road (≈1.1 miles). **Cost:** ≈$510,000. **Role:** Principal-in-Charge. Coordinated with City of Youngsville, DOTD, and the Contractor.
01/23 – 01/24	**H.002956 – Earhart/Dakin Ramp** **Owner:** LaDOTD. **Scope:** Exit ramp from Earhart Expressway to Dakin Street. **Role:** Structural Engineer. Designed reinforced concrete deck and barriers; PPC girders; reinforced concrete diaphragms; elastomeric bearings; and reinforced concrete shear keys. Designed pile bent (reinforced concrete bent cap and PPC piles) adjacent to existing bent to accommodate steel girder span without applying any additional load to the existing bent. Prepared plans.
10/23 – 01/24	**Relocation of East St. Bernard Highway and Associated Utilities (CMAR)** **Owner:** Port of New Orleans. **Scope:** Relocation of East St. Bernard Highway and associated utilities and construction of new bridge over railroad to facilitate construction of the ≈$1.8B Louisiana International Terminal (1.05 miles of road, drainage, and utilities and 1,100-foot-long bridge). **Cost:** ≈$50,000,000 (est.). **Role:** Lead Structural Engineer. Reviewed preliminary plans and other related information and prepared gap analysis identifying critical items to be addressed between preliminary and final design. Performed preliminary analysis and design of truss span (approximately 200 feet long) over railroad to reduce superstructure depth and bridge length. Prepared LaDOTD preliminary design report, including lane, shoulder, and median widths, superelevation, and other related design features, and value engineering proposals. Evaluated CMAR contractor value engineering proposals. Coordinated with LaDOTD, CMAR contractor, and other stakeholders.
10/23 – 01/24	**H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project)** **Owner:** LaDOTD/USACE. **Scope:** Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. **Cost:** ≈$130,000,000. **Role:** Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site; 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; and identified potential public safety issues.
09/17 – 03/18	**US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Conceptual Planning Study** **Owner:** NORPC. **Scope:** Conceptual planning study for potential intersection improvements (15 potential options). **Role:** Project Manager and Lead Traffic Engineer. Led coordination with RPC, LaDOTD, Jefferson Parish, and other stakeholders and the conceptual development of potential options to alleviate congestion, including modifications and improvements to the existing J-turn bridge, traffic signals, signage, and pavement markings. Prepared conceptual layouts for 15 potential options and opinions of probable construction costs for 5 potential options. Presented potential options to the public at public meetings.

16. Staff Experience:

Firm employed by **Horizon Engineering, LLC**					
Name	Collin Gillen, PE		Years of relevant experience with this employer		<1
Title	Civil Engineer		Years of relevant experience with other employer(s)		5
Degree(s) / Years / Specialization			Bachelor of Science / 2020 / Civil Engineering		
Active registration number / state / expiration date			49017 / LA / 9/30/2026		
Year registered	2024	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			**Role:** Civil/Traffic Engineer **Responsibilities:** Field investigation; pedestrian traffic data collection and analysis; crosswalk, flashing beacon, sidewalk, curb ramp, and drainage design.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/20 – Present	• Over 5 years of road design and construction experience, including LaDOTD and LaDOTD LPA CE&I projects. • Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.
03/23 – 01/26	**Lakeside Mall Waterline Improvements** **Owner:** Jefferson Parish. **Scope:** Replacement of water mains, water lines, valves, manholes, hydrants, and commercial connections along Causeway Blvd. from 14th Street south to Veterans Blvd., including intersecting streets and Lakeside Mall. **Role:** Project Manager and Lead Civil Engineer. Performed preliminary analysis. Prepared preliminary plans with layout of water mains and associated components and opinions of probable construction cost. Identified pipe bursting as a feasible method to minimize disruptions to traffic and reduce costs by reducing the amount of required pavement removal.
03/23 – 01/26	**Sonia Place Waterline Improvements (S. Labarre Rd – Santa Ana Ave)** **Owner:** Jefferson Parish. **Cost:** ≈$600,000 (est.). **Scope:** Replacement of water mains and house connections along Sonia Place. **Role:** Project Manager and Lead Civil Engineer. Performed preliminary analysis. Prepared plans, specifications, and opinions of probable construction cost with layout of water mains, house connections, fire service, and other components.
01/24 – 01/26	**Relocation of East St. Bernard Highway and Associated Utilities (CMAR)** **Owner:** Port of New Orleans. **Scope:** Relocation of East St. Bernard Highway and associated utilities and construction of new bridge over railroad to facilitate construction of the ≈$1.8B Louisiana International Terminal (1.05 miles of road, drainage, and utilities and 1,100-foot-long bridge). **Cost:** ≈$50,000,000 (est.). **Role:** Civil Engineer. Designed horizontal and vertical road geometry.
08/25 – 01/26	**E. Judge Perez Drive Interchange and Port Access Road (CMAR)** **Owner:** Port of New Orleans. **Scope:** Construction of new interchange at E. Judge Perez Dr. and the new access road to the ≈$1.8B Louisiana International Terminal. **Role:** Civil Engineer. Designed horizontal and vertical road geometry.
01/21 – 01/24	**H.007273.6 – 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:** Assistant Project 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.

Collin Gillen, PE (Continued)

09/23 – 03/25	**H.011779.6 – 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/bicyclist truss bridge over Canal No. 1. **Cost:** ≈$3,400,000. **Role:** Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders.
05/23 – 12/23	**H.014315.6 – Grafton Drive Pavement Rehabilitation** **Owner:** City of Slidell (LaDOTD LPA project). **Scope:** Repair/replacement of deficient PCC pavement panels, curb, driveways, and **curb ramps. Cost:** ≈$1,000,000. **Role:** Assistant Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
09/23 – 06/24	**H.014317.6 – Carey St. Pavement Rehabilitation** **Owner:** City of Slidell (LaDOTD LPA project). **Scope:** Repair/replacement of deficient PCC pavement panels, curb, driveways, and **curb ramps**. **Cost:** ≈$970,000. **Role:** Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
06/24 – 01/26	**H.014681.6 – Nine Mile Point Road: US 90 – LA 18** **Owner:** Jefferson Parish (LaDOTD LPA project). **Scope:** Milling, patching, and overlay of existing asphalt road. **Cost:** ≈$1,500,000. **Role:** Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
06/24 – 01/26	**H.014642.6 – 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:** Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
02/26 – Present	**H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie** **Owner:** City of Youngsville (LaDOTD LPA project). **Scope:** Full road reconstruction, including new asphalt road, subsurface drainage system (15" RCP to 48" RCP), precast concrete box culverts, curb and gutter, driveways, and **sidewalks**. **Cost:** ≈$8,700,000. **Role:** Assistant Project Engineer. Managed inspectors. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders.
01/21 – 6/23	**Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive** **Owner:** Jefferson Parish. **Scope:** Structural inspection and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). **Cost:** ≈$13,000,000. **Role:** Assistant Project Engineer. 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. Prepared change orders and project closeout documentation.
10/20 – 01/26	**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. **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.

16. Staff Experience:

Firm employed by **Horizon Engineering, LLC**					
Name	Paul Beaullieu, EI			Years of relevant experience with this employer	<1
Title	Construction Manager			Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization			Bachelor of Science / 2002 / Civil Engineering		
Active registration number / state / expiration date			EI: 20666 / LA / 3/31/2028		
Year registered	2003	Discipline	N/A		
Contract role(s) / brief description of responsibilities			**Role:** Designer/Drafter **Responsibilities:** Drafting for crosswalk, flashing beacon, sidewalk, curb ramp, and drainage design.		

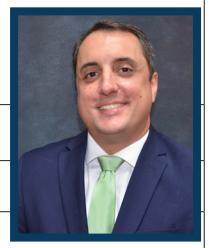
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/03 – Present	• Nearly 25 years of construction management experience. • Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. • Experience with Primavera P6 (CPM), Navisworks (BIM), USACE Resident Management System (RMS), Procore, and various other project and construction management software.
10/25 – Present	**Louisiana Ave., Harmony St., & Seventh St. Wharf Substructure Repairs (CMAR)** **Owner:** Port of New Orleans. **Scope:** Rehabilitation of 1950s wharf and two 1970s wharves along Mississippi River (approximately 4,300 steel pipe piles and H-piles, 500,000 square feet of cast-in-place and precast reinforced concrete deck, and 4,000 feet of steel sheet pile bulkhead) and repair of a large deck failure (approximately 6,000 square feet). **Cost:** ≈$40,000,000 (est.). **Role:** Construction Manager and Scheduler. Reviewed cost proposals and prepared independent cost estimates. Coordinated with Contractor and other project stakeholders. For first construction phase currently in progress, managed inspector, reviewed RFIs and submittals, reviewed daily work records (DWRs), and prepared change orders.
10/25 – Present	**Woodhouse Grain Elevator Improvements** **Owner:** Port of Houston Authority. **Scope:** Grain elevator improvements, including three new 72' diameter by 138' tall reinforced concrete grain silos and associated conveyors, new reinforced concrete rail receiving pit and associated rail improvements, and replacement of existing conveyors and east shiploader. **Cost:** ≈$70,000,000. **Role:** Construction Manager. Managed inspectors. Reviewed daily work records (DWRs). Coordinated with Contractor and other project stakeholders.
2019 – 2025	**Construction/CMAR/Civil/Scheduling Consultant** **Role:** Consultant. **Scope:** Provided CMAR planning, scheduling, project management, and quality control management services, including using Primavera P6, Procore, Navisworks Manage, and USACE Resident Management System (RMS), for various projects, such as: • University of Louisiana at Lafayette, Cajun Field Renovations • **Lafayette Parish School System, Prairie Elementary School** • **Lafayette Parish School System, Carencro Bob Lilly Elementary School** • USACE, Angola Camp F Ring Levee

Paul Beaullieu, EI (Continued)

2016 – 2019	**Balfour Beatty** **Role:** Project Manager. **Scope:** Managed multiple contracts ($70M total) for the **Torrance Unified School District** in Los Angeles, California, including managing schedules, the buyout process, and change orders.
2015 – 2016	**Construction/Civil Design Consultant** **Role:** Consultant. **Scope:** Provided scheduling, project management, civil design (including drainage and foundations), and drafting services.
2007 – 2015	**Hensel Phelps** **Role:** Multiple roles, including Design Manager, Project Engineer, and Office Engineer. **Scope:** Managed the buyout process, contracts, demolition, site MEP and civil work, and the closeout process for the Southwest Airline Terminal 1 Improvements project ($500M) and Air New Zealand Hangar Innovation project ($3M) at Los Angeles International Airport. Managed schedules, subcontractors, 3D BIM coordination/commissioning, billing, and change orders for the **Central Region Elementary School #20 and #22 projects** ($41M and $38M, respectively) in Los Angeles, California. Performed scheduling, surveying, and drafting and managed monthly billing for the **Los Angeles Unified School District, Robert F. Kennedy Community Schools project** at the former Ambassador Hotel site (over $578M) in Los Angeles, California.
2003 – 2007	**Freyou, Moore & Associates** **Role:** Engineer. **Scope:** Supervised all aspects of over 300 engineering projects, including civil design, surveying drafting, contract writing, and plan detailing.

16. Staff Experience

Firm employed by: TBS T. BAKER SMITH



Name	**Jean Reulet, III, PLS**	Years of relevant experience with this employer	**5**
Title	**Lead Professional, Transportation Survey**	Years of relevant experience with other employer(s)	**13**

Degree(s) / Years / Specialization			**Bachelor of Science / 2011 / Geomatics**
Active registration number / state / expiration date			**PLS.5145 / Louisiana / 03.31.2026**
Year registered	**2015**	Discipline	**Professional Land Surveyor**

Contract role(s) / brief description of responsibilities: **Surveyor. Jean will manage all survey efforts on this project.**

Jean Reulet, III, PLS serves as TBS' Surveying Lead Professional of Transportation. His field experience for LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of a Topographic Survey from field data collection to final deliverables preparation according to the LADOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. In addition, Jean is experienced in LADOTD contract management and task order negotiations. Jean is also well versed in the use of LiDAR for data acquisition purposes, providing a safer alternative for collecting large amounts of data in highly trafficked or congested environments.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/23 -03/23	**S.P. No. H.015087 Kenner Discovery School Sidewalks** – Survey Project Manager. Jean served as the survey project manager for the design of a sidewalk along the northern and eastern boundaries of the Kenner Discovery School property, paralleling Vintage Drive and Loyola Drive. He oversaw the topographic data collection, performed QAQC of the data, and prepared deliverables. Jean also performed existing Right-of-Way research for the adjacent roads.
06/25 - 12/25	**S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.)** – Survey Project Manager. Jean served as the survey project manager for the resurfacing of Westbound Vintage Drive in Kenner, LA. He was responsible for scope development and contract negotiations. Jean oversaw the collection of topographic data across the mile-long corridor and provided QAQC.
11/21 – Ongoing	**Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA** – Project Manager/Surveyor of Record. Jean serves as the project manager and surveyor of record for this Surveying Services IDIQ. He is responsible for manhour estimate preparation and contract negotiations. Jean coordinates with private landowners, railroads, and other entities to obtain right-of-entry prior to survey commencement. He oversees the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule. To date, Jean has successfully completed five task orders (H.009892, H.014414, H.015587, H.016324, H.016326) with four more currently active (H.009892, H.016322, H.016323, H.016333).
07/21 – 02/24	**Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04, 05** - Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic,

16. Staff Experience: Jean Reulet, III, PLS | T. Baker Smith, LLC - continued

	and right of way surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges.
06/23 - Ongoing	**Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA** - Sr. Project Manager/Surveyor of Record. Oversaw the completion of topographic surveys for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards. Data was captured to detail the existing bridges, roadways on either side, and surrounding terrain to ensure proper tie into existing surfaces.
11/23 – 02/24	**H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Walker, LA** - Surveyor of Record. Oversaw the completion of a topographic survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.
07/24 – 09/25	**IDIQ for Professional Surveying Services; MDOT; Statewide, MS** – Project Manager. Jean is responsible for scope development, manhour estimate preparation, and contract negotiations. Jean coordinates with private landowners and other entities to obtain right-of-entry prior to survey commencement. He oversees topographic and hydraulic data collection, data processing, and utility research. He also provides QAQC.
12/23 – 04/24	**S.P. No. H.015555 LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA** – Surveyor of Record. Oversaw the completion of a topographic survey for the design and construction of a roundabout. Coordinated with survey crews and project technicians throughout the collection and review of topographic data and utility information. Performed QAQC and Deliverables preparation.
02/15 – 04/16 *	**H.011137 and H.011152 I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA** - Sr. Project Manager. Performed a Topographic Survey for the widening of approximately 9 miles of I-12 in St. Tammany Parish, LA including 4 interstate overpasses and the bridge over the Tchefuncte River. Coordinated with field crews, technicians, and Subsurface Utility Engineering consultant. Provided QAQC and assisted in Deliverables preparation.
03/17 - 04/18 *	**S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA** - Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a 3 mile portion of US 190 in Covington, LA including the bridge replacement over the Bogue Falaya River. DTM width was approximately 300ft.
06/16 – 2/17 *	**H.000263.5 Chef Menteur Pass Bridge; LADOTD; Orleans Parish, LA** - Sr. Project Manager. Responsible for Topographic/ hydrographic survey, field crew coordination, surface generation for Chef Pass Bridge Replacement. This project included a hydrographic Survey of a portion of the Chef Menteur Pass.
04/20 – 11/20 *	**H.000688 US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA** – Sr. Project Manager. Responsible for field crew oversight, data processing and review and deliverables preparation. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad.
*previous employer	

16. Staff Experience

Firm employed by: TBS T. BAKER SMITH

Name	**Jeremy Cormier, PLS**	Years of relevant experience with this employer	**<1**
Title	**Project Manager, Survey**	Years of relevant experience with other employer(s)	**9**

Degree(s) / Years / Specialization			**Bachelor of Science / 2008 / Business Management**
Active registration number / state / expiration date			**PLS.5342 / Louisiana / 09.30.2026**
Year registered	**2024**	Discipline	**Professional Land Surveyor**

Contract role(s) / brief description of responsibilities: **Surveyor. Jeremy will provide survey services for this project.**

Jeremy Cormier, PLS has experience in managing field crews and performing office work on on-system LADOTD Topographic Surveys. He has performed CAD work and assisted in project management over 10 task orders under 3 separate Topographic IDIQ Contracts with LADOTD. Mr. Cormier will serve as Topographic Task Lead during this contract, and in that role he will assist the Project Manager in supervising all field and office work performed on task orders. He will also assist the Project Manager in estimating task orders and producing project deliverables ahead of any project deadlines. Mr. Cormier will be responsible for performing the initial layer of QA/QC through all phases of each task order, including the final project deliverables. His responsibilities also include training both office and field staff to ensure LADOTD standards are met on a task order.

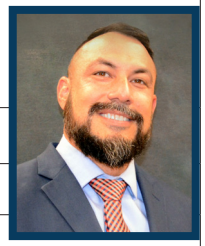
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/25 - 12/25	**S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.)** – Project Surveyor. Jeremy served as the project surveyor for the resurfacing of Westbound Vintage Drive in Kenner, LA. He was responsible for the oversight of field crews, topographic data processing, analysis and QAQC of lidar data, and deliverables preparation.
11/21 – Ongoing	**Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA** – Project Surveyor. Jeremy serves as the project surveyor for this Surveying Services IDIQ. He assists in development of man hour estimates. Jeremy coordinates with survey crews throughout the duration of the survey. He assists in the review of the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule.
8/11 - 9/25	**H.014308.5 Pope Ln IC RR Crossing; LADOTD; Tangipahoa Parish, LA** - Project Manager. Led survey efforts for planned roadway and railroad-crossing improvements at the intersection of Pope Lane and Canadian National Railroad near Amite, City, LA, overseeing field coordination and data management for a 30-acre project area. Jeremy prepared a detailed topographic survey and existing drainage map to support engineering design and permitting requirements. He performed comprehensive QA/QC of field data, point files, and CAD surfaces to ensure accuracy, consistency, and compliance with project standards. Jeremy assisted in assembling final deliverables, including drawings, digital files, and supporting documentation for client review.
9/25 - Ongoing	**OLHC Bridge Bundle 8; Office of Louisiana Highway Construction; Statewide, Louisiana** - Project Manager. T. Baker Smith serves as the prime consultant for OLHC's 2026 Bridge Bundle Program, delivering comprehensive engineering, surveying, and construction support services for nine bridge replacement projects across Districts 02, 61, and 62. Responsible for topographic surveying and right-of-way establishment that included field investigations for existing right-of-way determination.

16. Staff Experience: Jeremy Cormier, PLS | T. Baker Smith, LLC - continued

02/19 – 04/25*	**H.004273.5 – I-49 Connector; LADOTD; Lafayette Parish, LA** – Survey CAD Technician. Responsible for providing topographic and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed terrestrial LiDAR scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.
06/20 – 03/22*	**H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990 - Rural Bridge Replacement Initiative Phase I, 7 State Project Numbers (22 Bridge Sites); LADOTD; Districts 04, 05, 08 and 58 (4400017598)** – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.
06/21 - 04/25*	**H.014219, H.014222, H.014228, H.014231 and H.014236 – Rural Bridge Replacement Initiative Phase II, 5 State Project numbers (20 Bridge Sites); LADOTD; Districts 04 and 05 (4400019336)** – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.
08/19-10/19*	**H.011670- I-10/Loyola Interchange Improvements; LADOTD; Kenner, LA** - Survey CAD Technician. Provided Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule.
08/23-04/25*	**H.015547, H.015548, H.015549, H.015341, H.015551, H.015552, H.015545, H.015550, H.015544, H.015553- Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program, 10 State Project Numbers (13 Bridge Sites); LADOTD; District 61 (4400025029)** – Survey CAD Technician. Responsible for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping.
6/18 -12/19*	**H.012393- LA 98: Roundabout at Mills St., Lafayette Parish, LA** - Survey Party Chief. Provided right of way surveys for this project that requires construction of new roundabout at the intersection of Mills Street and W. Gloria Switch Road (LA Hwy 98) in Lafayette Parish, Louisiana.
06/23- 04/25*	**Juban Road Extension – Livingston Parish, LA** – Survey CAD Technician. Providing control, topographic, and property surveying services. The purpose of the project was to construct a new roadway as a connection between US Highway 190 and Lockhart Road (LA Hwy 1026). Forte & Tablada is also responsible for QA/QC and management of work performed by another Survey firm.
07/23-08/23*	**LA 1088 and Viola St. Traffic Improvements St. Tammany Parish, LA** – Survey CAD Technician. Provided Topographic and Property Survey to establish existing right-of-way.
*prevlous employer	

16. Staff Experience

Firm employed by: TBS T. BAKER SMITH



Name	**Anthony Burns**	Years of relevant experience with this employer	**4**
Title	**Project Manager, Survey**	Years of relevant experience with other employer(s)	**19**
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	

Contract role(s) / brief description of responsibilities: **Senior Technician. Anthony will provide survey technical services on this project.**

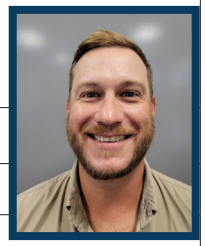
Anthony Burns has over 23 years of experience as a rodman, party chief, and project manager with numerous LA DOTD and City-Parish projects involving topographic, right of way, and boundary surveys. His experience includes conventional and terrestrial LiDAR, and mobile LiDAR scanning. He is thoroughly familiar with LA DOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages our survey field crews and equipment. He holds ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications, and is TWIC and OSHA certified.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/21 - Ongoing	**Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA** - Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. He performs project QAQC and aids in Deliverables preparation.
03/17 – 04/18 *	**S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA** - Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a three-mile portion of US 190 in Covington, LA. DTM width was approximately 300ft.
06/23 - Ongoing	**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** - Project Manager. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with field crew coordination, data processing, project QA/QC, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards.
10/22 - 10/23	**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** - Survey Technician. Responsible for review of topographic surveys.
04/21 – 07/21 *	**S.P. No. H.009300, Hooper Road Widening (LA 3034 – LA 37); LADOTD; East Baton Rouge Parish, LA** - Project Manager/Field Crew Manager. Responsible for a topographic survey and subsurface utility engineering for a one mile stretch of LA Hwy 408.

16. Staff Experience: Anthony Burns | T. Baker Smith, LLC - continued	
07/24 - 09/25	**IDIQ for Professional Surveying Services; MDOT; Statewide, MS** – Senior Technician. Anthony assists in the development of manhour estimates and the completion of topographic surveys under this contract. He coordinates right-of-entry with landowners, manages field crews, and processes data daily. Anthony also performs project QAQC and aids in Deliverables preparation.
11/23 - 06/24 (survey complete)	**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** - Project Manager. Responsible for field crew oversight and data processing and review. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
01/18 – 04/20 *	**S.P. No. H.004100, I-10: LA 415 to Essen Lane; LADOTD; East and West Baton Rouge Parishes, LA** - Project Manager. Responsible for field crew oversight, and data processing and review. Performed Topographic survey for the widening of I-10 through Baton Rouge.
09/22 – 06/23	**S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA** - Project Manager. Performed field crew coordination and data processing for Topographic Survey for this bridge replacement project.
04/14 – 10/19 *	**S.P. No. H.002151.5, LA 339 & LA 339S Bayou Parc; LADOTD; Lafayette Parish, LA** - Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps. (Location: LADOTD District 03)
09/22 – 08/23	**S.P. No. H.014414, LA 22: Bedico Creek–Pine Creek; LADOTD; St. Tammany Parish, LA** - Project Manager. Responsible for review of topographic surveys, performed data processing, and managed the crews on this project.
02/15 – 04/16 *	**S.P. Nos. H.011137 and H.011152, I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA** - Project Manager/ Field Crew Manager. Responsible for topographic survey on this project.
05/15 – 11/15 *	**S.P. No. H.011224, US 190 Guardrail/Rutting Rep. (Ph I); LADOTD; Pointe Coupee Parish, LA** - Project Manager/Field Crew Manager. Responsible for topographic survey along five portions of US 190. The project was located in Pointe Coupee Parish from LA 1 westward approximately 18.5 miles to the east side of the Atchafalaya Bridge.
04/20 – 11/20 *	**S.P. No. H.000688, US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA** - Project Manager. Responsible for field crew oversight, data processing and review and deliverables preparation. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad.
* previous employer	

16. Staff Experience

Firm employed by: TBS T. BAKER SMITH



Name	**Branden Kinnaird**	Years of relevant experience with this employer	**4**
Title	**Party Chief, Survey**	Years of relevant experience with other employer(s)	**4**
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	

Contract role(s) / brief description of responsibilities: **Party Chief. Branden will serve as Survey Party Chief for survey efforts under this contract.**

Branden Kinnaird has extensive experience performing surveys according to the LADOTD and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/25 - 12/25	**S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.)** – Party Chief. Branden served as the Party Chief for the resurfacing of Westbound Vintage Drive in Kenner, LA. He established project control and collected conventional topographic data as well as terrestrial lidar data. Branden also performed a survey of utility features and drainage structures.
11/21 - Ongoing	**Contract 44-21973 for Professional Surveying Services; LADOTD, Statewide, LA** – Party Chief. Branden assists in the completion of topographic surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.
11/23 – 01/24	**IDIQ Contract for Roadway Design Services Statewide: H.015576 LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** - Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
01/24 - 02/24	**S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish, LA** - Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.
07/24 – 09/25	**IDIQ for Professional Surveying Services; MDOT; Statewide, MS** – Party Chief. Branden assists in the completion of topographic, hydraulic, bathymetric, and property surveys under this contract. He coordinates right-of-entry by meeting onsite with landowners, establishes control, and collects topographic, drainage, and utility data.

16. Staff Experience: Branden Kinnaird | T. Baker Smith, LLC - continued

06/23 - Ongoing	**IIJA Off-System Bridge Replacement Program, Contract No. 44-25027; LADOTD; Statewide, LA, District 08** – Party Chief. Branden established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD and Survey standards for the replacement of 12 bridges.
09/22 – 05/23	**S.P. No. H.014264, LA 556: Bridges Near Choudrant; LADOTD; Jackson & Lincoln Parishes, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
09/22 – 12/22	**S.P. No. H.014238, LA 818: Barnet Springs & Creek Bridges; LADOTD; Lincoln Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
10/22 – 11/22	**S.P. No. H.014239, LA 589: Alligator Bayou Bridge; LADOTD; West Carroll Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 – 12/21 *	**MoveBR Nicholson Segment 2 (Bluebonnet – Ben Hur); East Baton Rouge Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps and Topographic Survey.
11/23 – 01/24	**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
09/22 – 08/23	**S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek; LADOTD; St. Tammany & Tangipahoa Parishes, LA** – Survey Crew Party Chief. Established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.
06/20 – 07/21 *	**S.P. No. H.000358.5, US 190: LA 415 & RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA** - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 – 06/21 *	**MoveBR Lee Drive (Highland Road – Perkins Road); East Baton Rouge Parish, LA** - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/19 – 12/20 *	**S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA** - Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
* previous employer	

17. Firm Experience:

Firm name	**Horizon Engineering, LLC**		Discipline(s)*	Road	
Project name	Shreveport Pvmt Prgrm (Panel Replace)			Firm responsibility (prime or sub?)	Prime
Project number	H.015469.5	Owner's name	City of Shreveport (LaDOTD LPA project)		
Project location	Shreveport, Louisiana		Owner's Project Manager	Thomas Jenkins	
Owner's address, phone, email	505 Travis St, Shreveport, LA 71101 / (318) 673-6484 / thomas.jenkins@shreveportla.gov				
Services commenced by this firm (mm/yy)	01/26	Total consultant contract cost ($1,000's)		243	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		132	

The Shreveport Pvmt Prgrm (Panel Replacement) project will rehabilitate nine road segments (seven miles total) throughout the City of Shreveport by replacing deteriorated Portland cement concrete pavement (PCCP) panels and installing **curb ramps and sidewalks that comply with the Americans with Disabilities Act (ADA)**. Horizon is currently providing design services for the project.

Firm Members Involved: Ben Bartlett, Brett Liuzza, Collin Gillen, and John Karlin

17. Firm Experience:

Firm name	**Horizon Engineering, LLC**		Discipline(s)*	CE&I/OV	
Project name	St. Bernard Pedestrian Improvements (CE&I)			Firm responsibility (prime or sub?)	Prime
Project number	H.014049.6	Owner's name	LaDOTD		
Project location	Chalmette, Louisiana		Owner's Project Manager	Justin Guilbeau	
Owner's address, phone, email	14101 Old Gentilly Rd, New Orleans, LA 70129 / (504) 253-6102 / justin.guilbeau@la.gov				
Services commenced by this firm (mm/yy)	03/25	Total consultant contract cost ($1,000's)		106	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		106	

The St. Bernard Pedestrian Improvements project improved pedestrian facilities along LA 47 (Paris Rd.) and LA 39 (E. Judge Perez Dr.) by installing new **rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks**, handrails, and other associated features. Horizon provided construction engineering and inspection services for the project. Construction was substantially completed in July 2025 and all punch list items were completed in August 2025. Horizon is currently awaiting approval of project closeout documentation.

Our construction engineering and inspection experience provides insight into the common construction challenges faced by the Contractor for flashing beacon, advance warning sign, and crosswalk improvement projects, such as:

- Coordination with impacted stakeholders, especially schools, to avoid disruptions during peak periods such as school drop-off and pick-up
- Proper positioning of flashing beacon solar panels in the vicinity of trees and other obstructions and/or tree trimming (for solar powered) or avoiding utility conflicts during conduit jacking and boring (for hardwired)
- Properly positioning advance warning signs at curves and near obstructions to maximize sight distance while also avoiding utility conflicts
- Properly installing and maintaining temporary lane/road closures, including the use of flaggers as necessary to avoid full road closures, and/or performing night work to facilitate safe installation of crosswalks and other striping
- Adjusting flashing beacon foundation depths, installing additional embankment material, and/or relocating the flashing beacon if it is located within a drainage ditch to ensure adequate embedment depth and stability
- Core drilling through pavement and patching to facilitate installation of advance warning signs if they are located within the shoulder
- Installing breakaway posts to proper elevations to ensure that they function as intended
- Adjusting adjacent curb ramps and/or sidewalks if necessary to maintain ADA compliance

This helps us efficiently identify and address potential issues early on during design, which minimizes the potential for costly delays and change orders during construction and helps ensure that the work achieves its objective of improving public safety.

Firm Members Involved: Brett Liuzza, Ben Bartlett, John Karlin, Jeff Puissegur, and Keith Schulz

17. Firm Experience:

Firm name	**Horizon Engineering, LLC**		Discipline(s)*	CE&I/OV	
Project name	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)			Firm responsibility (prime or sub?)	Prime
Project number	H.012867.6	Owner's name	City of Youngsville (LaDOTD LPA project)		
Project location	Youngsville, Louisiana		Owner's Project Manager	Terry Bourque	
Owner's address, phone, email	201 Iberia St, Youngsville, LA 70592 / (337) 856-4181 / terrybourque@youngsvillela.gov				
Services commenced by this firm (mm/yy)	04/25	Total consultant contract cost ($1,000's)		673	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		673	

The S Larriviere Rd: LA 92 – Chemin Metairie project will reconstruct approximately 1.2 miles of the existing asphalt road and roadside ditches, including new base course, asphalt pavement, concrete curb and gutter, subsurface drainage system (15" RCP to 48" RCP, manholes, and catch basins), **pavement markings, signage, sidewalks**, driveways, and sewer house connection adjustments. The project will also replace an existing bridge and RCP culvert with three 10'x9' precast concrete box culverts and two 8'x8' precast concrete box culverts, respectively, as well as cast-in-place concrete headwalls and flexible revetments. Horizon is currently providing construction engineering and inspection services for the project, which includes **continuous coordination with Southside High School** to ensure that bus traffic is maintained and rerouted effectively during construction.

Our construction engineering and inspection experience provides insight into the common construction challenges faced by the Contractor for flashing beacon, advance warning sign, and crosswalk improvement projects, such as:

- Coordination with impacted stakeholders, especially schools, to avoid disruptions during peak periods such as school drop-off and pick-up
- Proper positioning of flashing beacon solar panels in the vicinity of trees and other obstructions and/or tree trimming (for solar powered) or avoiding utility conflicts during conduit jacking and boring (for hardwired)
- Properly positioning advance warning signs at curves and near obstructions to maximize sight distance while also avoiding utility conflicts
- Properly installing and maintaining temporary lane/road closures, including the use of flaggers as necessary to avoid full road closures, and/or performing night work to facilitate safe installation of crosswalks and other striping
- Adjusting flashing beacon foundation depths, installing additional embankment material, and/or relocating the flashing beacon if it is located within a drainage ditch to ensure adequate embedment depth and stability
- Core drilling through pavement and patching to facilitate installation of advance warning signs if they are located within the shoulder
- Installing breakaway posts to proper elevations to ensure that they function as intended
- Adjusting adjacent curb ramps and/or sidewalks if necessary to maintain ADA compliance

This helps us efficiently identify and address potential issues early on during design, which minimizes the potential for costly delays and change orders during construction and helps ensure that the work achieves its objective of improving public safety.

Firm Members Involved: Brett Liuzza, Ben Bartlett, John Karlin, Jeff Puissegur, and Keith Schulz

17. Firm Experience:

Firm name	**Horizon Engineering, LLC**		Discipline(s)*	Road, Traffic	
Project name	Zellwood Station Phase 3 Traffic Study and ICE			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC		
Project location	Zellwood, Florida		Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com				
Services commenced by this firm (mm/yy)	08/24	Total consultant contract cost ($1,000's)		78	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		78	

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:

- Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441.
- Review crash data along US 441, perform crash data analysis, and prepare collision diagrams.
- **Perform traffic signal warrant analysis.**
- Estimate increased traffic volume due to development of site.
- **Evaluate sight distance requirements.**
- 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.
- Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections.
- Prepare preliminary drainage calculations.
- Coordinate with FDOT.

Horizon completed an Intersection Control Evaluation (ICE) for FDOT to evaluate the installation of a new signalized intersection on US 441, which is currently under review by FDOT.

Firm Members Involved: Ben Bartlett, Brett Liuzza, and John Karlin

17. Firm Experience:

Firm name	**Horizon Engineering, LLC**		Discipline(s)*	Road, Traffic	
Project name	Zellwood Station Phase 3			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC		
Project location	Zellwood, Florida		Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com				
Services commenced by this firm (mm/yy)	03/24	Total consultant contract cost ($1,000's)		72	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		72	

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:

- Review of site zoning information/maps, topographic and boundary surveys, traffic studies, and geotechnical investigations and reports.
- Preparation of preliminary site plans illustrating potential configurations of commercial lots within the site.
- Hydrologic and hydraulic modeling, analysis, and design to determine subsurface drainage and detention pond requirements for multiple configurations of the site.
- Coordination with the Florida Department of Transportation (FDOT), Federal Aviation Administration (FAA), St. Johns River Water Management District, Orange County, and City of Apopka.
- 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.
- Coordination and relocation of utilities.
- Permitting assistance.
- Preparation of final plans and specifications, including site grading; subsurface drainage and detention pond; 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.
- Construction support.

Firm Members Involved: Brett Liuzza, Ben Bartlett, and John Karlin

17. Firm Experience

Firm name:	TBS T. BAKER SMITH	Discipline(s)	**Survey**
Project name:	**Kenner Discovery School Sidewalks**	Firm responsibility (prime or sub?)	**Prime**

Project number	**H.015087.6**	Owner's name	**Louisiana Department of Transportation and Development**
Project location	**Jefferson Parish, Kenner, LA**	Owner's Project Manager	**Brian Nunes, PE**
Owner's address, phone, email	**1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1585, Brian.Nunes@la.gov**		

Services commenced by this firm (mm/yy)	**02/23**	Total consultant contract cost ($1,000's)	**$141.5**
Services completed by this firm (mm/yy)	**10/23**	Cost of consultant services provided by this firm ($1,000's)	**$141.5**

TBS was contracted by the City of Kenner, in conjunction with LADOTD, for survey services encircling the Kenner Discovery Health Sciences Academy.

Topographic Survey
A topographic survey was required near the intersection of Vintage Drive and Loyola Drive in Kenner for the purpose of sidewalk design and construction. The survey extended approximately one thousand two hundred (1,200) feet west of the intersection along Vintage Drive and approximately nine hundred (900) feet south of the intersection along Loyola Drive. The survey width extended from the southern and western gutter lines of Vintage Drive and Loyola Drive, respectively, to five (5) feet beyond the existing property line. Where a concrete parking lot existed, the survey extended from the gutter line to the edge of the parking lot. TBS also surveyed the median gutter lines adjacent to the project site.

Additionally, TBS performed a complete topographic survey of the intersection of Vintage Drive and Loyola Drive. From the intersection, the survey extended approximately thirty (30) feet north along the Loyola Drive median and thirty (30) feet east and west along the Vintage Drive medians. To the south, the survey extended fifty (50) feet along the Loyola Drive median. The survey width in this area was approximately one hundred fifty (150) feet.

TBS established a minimum of three (3) project control benchmarks. Survey crews collected cross sections at fifty (50)-foot intervals throughout the project site. Ground surface elevations were acquired, and visible aboveground features were located. An existing swale ditch near the western end of the project was also located. TBS submitted LA One Call tickets requesting subsurface utility markings; however, because utility companies were not legally required to mark for surveys, TBS was not responsible for unmarked subsurface utilities. TBS attempted to obtain records and as-builts to depict unmarked utilities in the survey drawing.

Boundary Verification
Sufficient research and field investigation were conducted to establish the existing boundary line of the Kenner Discovery Health Sciences Academy along Vintage Drive and Loyola Drive. If boundary monumentation along these roads was found missing or destroyed, replacement monumentation was set.

TBS Team Members: Jean Reulet, III, PLS

Project Relevance:
- ✓ Topographic Survey
- ✓ Right-of-Way Survey

17. Firm Experience

Firm name:	T. BAKER SMITH	Discipline(s)	**Survey**
Project name:	**IDIQ Contract for Professional Surveying Services Statewide**	Firm responsibility (prime or sub?)	**Prime**

Project number	**Multiple #s**	Owner's name	**Louisiana Department of Transportation and Development**
Project location	**Statewide, LA**	Owner's Project Manager	**Jonathan Herrod, PLS**
Owner's address, phone, email	**1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1105, Jonathan.Herrod@la.gov**		

Services commenced by this firm (mm/yy)	**11/21**	Total consultant contract cost ($1,000's)	**$5,000**
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)	**$5,000**

TBS was selected for a statewide surveying retainer contract in 2021. Under this contract, TBS performs Topographic Surveying for LADOTD projects statewide. The limitation for fees is $5 Million under this professional services contract, and projects are initiated via task order. TBS completes all deliverables using Microstation and inroads as certified by CADconform. Below is a partial list of completed Task Orders:

S.P. No. H.009892 – LDRR (New Iberia) US 90 Frontage Road, Iberia Parish. This project was located in Iberia Parish, LA at the intersection of US 90 and LA 329, north of US 90, and along US 90 Frontage Road and LA 329. The project's objective was to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR). A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek Dr, St. Tammany and Tangipahoa Parishes. This project was located near Madisonville, LA along LA 22. The main corridor for this project is approximately 4.5 miles along a highly trafficked roadway through a heavily wooded corridor. The width of the survey and DTM was a total of 140', extending 70' on each side of the project centerline. The project also included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, TBS encountered ongoing new utility installation and other construction throughout the site. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

S.P. No. H.015587 LA 3211 @ Yokley Road Roundabout, St. Mary Parish. This project was located in Franklin, LA at the intersection of LA 3211 and Yokley Road. The project's objective was to construct a roundabout at the intersection. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site.

S.P. No. H.016326 LA 36 Drain Bridge, St. Tammany Parish. This project was located in St. Tammany Parish, LA along LA 36. The project's objective was to replace an existing bridge structure over a drainage canal. The site extended for approximately one thousand (1,000) feet in length and one hundred fifty (150) feet in width. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

TBS Team Members: Jean Reulet, III, PLS, Jeremy Cormier, PLS, Anthony Burns, Branden Kinnaird

Project Relevance:

✓ Topographic Survey

17. Firm Experience

Firm name:	TBS T. BAKER SMITH	Discipline(s)	**Survey**
Project name:	**Vintage Drive Westbound Resurfacing (Duncan Canal to Power Boulevard)**	Firm responsibility (prime or sub?)	**Prime**

Project number	**H.016392**	Owner's name	**City of Kenner**
Project location	**Jefferson Parish, LA**	Owner's Project Manager	**Jose Gonzalez, PE**
Owner's address, phone, email	**1801 Williams Blvd., Building B, Suite 200, Kenner, LA 70062, 504.468.7515, jgonzalez@kenner.la.us**		

Services commenced by this firm (mm/yy)	**06/25**	Total consultant contract cost ($1,000's)	**$201**
Services completed by this firm (mm/yy)	**12/25**	Cost of consultant services provided by this firm ($1,000's)	**$201**

TBS completed a detailed topographic survey to support the City of Kenner's roadway resurfacing project along Vintage Drive. The survey covered approximately 5,600 linear feet, beginning 50 feet east of the Vintage Drive/ Erlanger Road–Power Boulevard intersection and extending to 15 feet beyond the eastern end of the bridge over Duncan Canal. The survey limits captured the area from the top bank of Canal No. 1 to the outer edge of the sidewalk and included all side streets to 25 feet past the asphalt-to-concrete transition.

TBS survey crews collected ground elevations and cross-sections at 100-foot intervals and incorporated ADA sidewalk ramps, curb features, and damaged curb and gutter sections into the final mapping. Drainage structures—including curb inlets, catch basins, drop inlets, and outfall culverts—were located and documented. Visible above-ground utilities and overhead lines were surveyed, while subsurface utilities were compiled from available as-built records obtained through LA One Call coordination.

To support present and future design needs, TBS established three permanent control benchmarks. The completed survey provided the City with a precise, design-ready dataset that improved planning for resurfacing, drainage improvements, ADA upgrades, and utility coordination, ultimately reducing construction risk and streamlining the design process.

TBS Team Members: Jean Reulet, III, PLS, Jeremy Cormier, PLS, Branden Kinnaird

Project Relevance:

✓ Topographic Survey

18. Approach and Methodology:

State Project No. H.016383.5 (Lafourche School Zones Crossing Upgrades) will install flashing beacons and advance warning signs along LA 1, LA 307, LA 308, and local streets at 11 schools throughout Lafourche Parish (see Figure 1). The project will also modify or install new crosswalks at some locations and could potentially modify or install pavement markings, curb ramps, sidewalks, and other pedestrian facilities as necessary. Most of the school zones are located on high-speed, winding highways that currently have limited or no measures to alert drivers of the upcoming school zones. The South Central Destination Zero Deaths coalition and Louisiana State Police Troop C recently implemented 57 crossing guards with handheld flashing stop signs across Lafourche and other parishes to improve pedestrian safety. These infrastructure improvements will build upon their efforts and have a positive impact on the community. Horizon Engineering, LLC (Horizon) has already visited the school zones and identified the following challenges that will need to be addressed during design to deliver a successful project.

1. SIGHT DISTANCE

Sight distance is very limited at many locations due to the combination of high speeds and frequent curves, as well as limited lighting when dark and other roadside obstructions, such as sugar cane fields, trees, and signs. Horizon will ensure that advance warning signs and flashing beacons are located and oriented such that visibility is maximized to the greatest extent possible. Additionally, the proximity of bayous, drainage ditches, and other obstructions to the road and lack of crosswalks and sidewalks at most locations causes pedestrians to walk extremely close to vehicular traffic and makes it difficult for drivers to anticipate where pedestrians could potentially cross the road. Drivers must be made aware of the school zones well in advance since pedestrians could potentially cross the road randomly at various locations. Horizon will identify worn paths that indicate frequent usage by pedestrians to ensure that advance warning signs and flashing beacons are located far enough in advance of potential pedestrian activity that vehicles will be adequately warned.

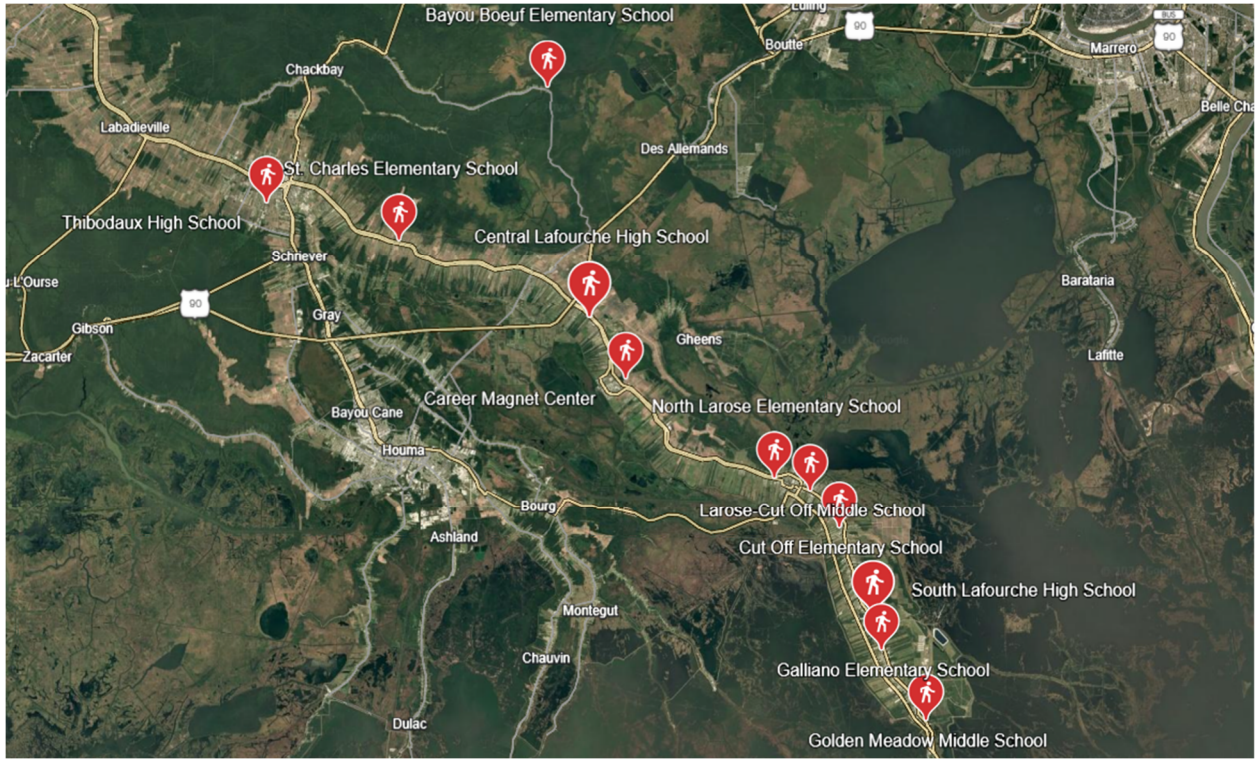


Figure 1: School Zone Locations

2. POWER REQUIREMENTS

The flashing beacons will likely be solar powered rather than hardwired at most or all locations due to limited electrical infrastructure and potential conflicts with other buried utilities and drainage ditches. Horizon will ensure that flashing beacon solar panels are at sufficient elevations and properly positioned in the vicinity of obstructions to receive adequate power. If necessary, tree trimming and continued tree trimming maintenance may be specified.

3. CROSSWALKS

Some school zones, such as Golden Meadow Middle School, Larose-Cut Off Middle School, and Thibodaux High School, currently have crosswalks. In consultation with DOTD and each school, Horizon will evaluate improvements to these crosswalks, such as new high visibility pavement markings and rectangular rapid flashing beacons, as well as improvements to adjacent pedestrian facilities, such as curb ramps and sidewalks, to achieve ADA compliance.

4. POTENTIAL CONFLICTS

The available space along LA 1, LA 307, and LA 308 is limited at some locations and contains many potential conflicts, such as utilities (power poles, fire hydrants, etc.), trees, street lighting, open drainage ditches, signs, mailboxes, and driveways. Horizon will identify potential conflicts during the field investigation and begin coordinating with DOTD, Lafourche Parish, utility companies, property owners, and other affected stakeholders as soon as possible to avoid delays. Additionally, if flashing beacons need to be located adjacent to or within a drainage ditch due to space limitations, Horizon will increase the foundation depth and/or specify additional embankment material to ensure adequate embedment depth and stability.

5. CONSTRUCTABILITY

Horizon's personnel have recently provided CE&I services for multiple DOTD and DOTD LPA pedestrian facility improvement projects, and this experience provides insight into the common construction challenges faced by the Contractor. We will identify and address potential constructability issues during the design phase to reduce the potential for costly change orders during construction and ensure that the project remains within budget.

6. EFFICIENCY

Minimal design details are necessary for flashing beacon/advance warning sign projects due to the extensive use of standard plans, tables, simple plans/aerials, and typical sections. The primary goal when preparing flashing beacon/advance warning sign contract documents is to clearly identify the work locations and provide accurate estimated quantities as efficiently as possible and without including extraneous information that the contractor does not need. By only providing the information that is absolutely necessary for the contractor to construct the project, design costs will be significantly reduced, the schedule will be streamlined, and the contract documents will be simplified, which will lead to the contractor having a better understanding of the scope of work. Detailed topographic surveys are often unnecessary for basic flashing beacon/advance warning sign projects or only necessary for limited portions, such as the design of crosswalks, ADA compliant curb ramps, and sidewalks. To provide maximum value to DOTD, our Team will utilize advanced measurement technologies when possible, such as drones to collect aerial photogrammetry and LiDAR data, for a fraction of the cost and time of traditional methods. Additionally, our Team has many survey crews and advanced measurement equipment to ensure that the survey can be quickly completed.

7. BUDGET

Per the Metropolitan Planning Organization, South Central Planning & Development Commission (SCPDC)'s, 2023-2026 Transportation Improvement Program Version 13.1, $100,000 is allocated for design; however, per the advertisement, the design is anticipated to cost $180,000. As such, it is critical that the design be completed as efficiently as possible. Additionally, DOTD's Highway Program FY 2026-2027's current construction cost estimate is only $134,000; therefore, the contract documents must include accurate estimated quantities and work locations to facilitate competitive, accurate bids by contractors and avoid cost overruns. To minimize construction costs, we will perform a detailed field investigation that identifies potential conflicts and prepare accurate estimated quantities and opinions of probable construction cost to help DOTD determine if adjustments to the construction scope of work prior to bidding are necessary to accommodate the budget.

Figure 2: Existing Advance Warning Sign at Career Magnet Center

8. MAINTENANCE OF TRAFFIC

The project will affect each school and adjacent residents and businesses, as well as through traffic since there are limited alternative routes in this area. As such, a detailed and well-designed Sequence of Construction and Traffic Control Plan (TCP), including night work to accommodate installation of crosswalk pavement markings and flaggers to avoid full road closures, will be required to minimize disruptions to the public, especially during school drop-off and pick-up peak periods. Horizon has designed TCPs as both the design engineer and the contractor's engineer; therefore, we know what information needs to be included on the TCP for bidders to be able to minimize contingencies and refine their bid prices for temporary traffic control. Additionally, the Contractor's vehicles, equipment, and other obstructions should be positioned to maintain pedestrian sight lines to the greatest extent practicable. Since there is limited shoulder area available, Horizon will identify acceptable contractor parking and laydown yard areas in the plans that are

preapproved by each school to ensure that visibility is not reduced.

9. COORDINATION

While the contract will be held by DOTD, coordination with Lafourche Parish and other affected stakeholders, such as the schools, will also be critical to ensure that all project team members are on the same page. Each school likely has unique knowledge of their school zone and what is needed to improve safety; therefore, Horizon will consult each school prior to beginning the design to ensure that we are informed as much as possible and have considered all potential factors.

DESIGN SCOPE OF WORK

Horizon fully understands the scope of work and will complete all design and construction stage tasks listed in Attachment A of the Advertisement in accordance with applicable requirements, such as DOTD Traffic Engineering Manual; Americans with Disabilities Act (ADA); DOTD Roadway Design Procedures and Details (i.e., Road Design Manual); AASHTO A Policy on Geometric Design of Highways and Streets (i.e., Green Book); AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities; DOTD Complete Streets and Access Connections Policies; DOTD Engineering Directives and Standards (EDSMs); and DOTD Construction Plans Quality Control/Quality Assurance Manual. Horizon will implement the following approach and methodology, which highlights the major tasks required but is not all-inclusive, to complete the project safely, correctly, on time, and in accordance with DOTD's requirements:

PRE-DESIGN PHASE

- **Project Set-Up Meeting:** Meet with DOTD to review the contract and scope of services; roles, responsibilities, and expectations; schedule; budget; and topographic survey, pedestrian traffic data collection/analysis, and design requirements.
- **Existing Data Review:** Review existing data, such as as-builts for the original road construction and subsequent improvements/repairs, improvement studies, soil borings, traffic studies, utility information, driveway permits, and other related information, if available.
- **Design Progress Meetings:** Meet with DOTD monthly (or more frequently if desired) throughout design. Prepare agendas and meeting minutes.
- **Field Investigation:** Identify, photograph, and measure potential obstructions and utility conflicts that will need to be addressed prior to construction.
- **Survey and Pedestrian Traffic Scope:** Prepare the topographic survey and pedestrian traffic data collection/analysis scope of work and submit to DOTD for review.
- **Topographic Survey:** Obtain aerial photogrammetry and LiDAR data. If necessary, supplement the data with additional points obtained using traditional surveying methods. Establish baseline along the road and temporary benchmarks for horizontal and vertical control. Obtain additional points at potential crossing locations. All surveying will be performed in accordance with the DOTD Location and Survey Manual, including Addendum A.
- **Traffic Data Collection/Analysis:** If adequate data is not available, or DOTD requests additional data, obtain pedestrian counts in accordance with DOTD Traffic Engineering Process and Report (TEPR) requirements. The traffic data will be used to determine the need for pedestrian crossings and other improvements to improve pedestrian safety as well as to facilitate the school zone warrant analysis.
- **School Zone Warrant Analysis:** Perform school zone warrant analysis to identify whether flashing beacons, crosswalks, and/or reduced speed zones are warranted at each school zone. Prepare flashing beacon permit as necessary, including coordination with Lafourche Parish and/or the applicable school board/school administration. The maximum speed limit reduction will be 15 mph for portions with an existing speed limit greater than or equal to 50 mph and will require a Chief Engineer's Order.
- **Hydrologic and Hydraulic (H&H) Analysis:** Perform H&H analysis if necessary to address changes to drainage patterns.

DESIGN AND PREPARATION OF PLANS, SPECIFICATIONS, AND OPCC

- **Plan Preparation:** Prepare Plans on 22"x34" sheets (or smaller if requested) in accordance with DOTD CAD Standards. Use CADconform to verify conformance with DOTD CAD Standards. The following submittal milestones and schedule are based on DOTD's typical project delivery process; however, we will propose a condensed project delivery schedule with only a preliminary and final submittal similar to PRR projects to reduce the time and cost associated with additional submittals and reviews. This will save DOTD money and benefit the public by speeding up the completion of the improvements.
- **30% Preliminary Design:** Prepare the following plan sheets:
  - **Title Sheet and Layout Map**
  - **Preliminary Typical Sections**, including flashing beacon and crosswalk section(s) and other related information.

- **Preliminary Plan**, including survey data of existing conditions.
- **Reference Points**, including baselines and TBM coordinates and type (iron rod, cross cut, etc.).

- **60% Preliminary Design:** Prepare the following plan sheets:
  - **Plan**, including flashing beacon, advance warning sign, and crosswalk types and locations.
- **95% Preliminary Design:** Prepare the preliminary design report and following plan sheets:
  - **General Notes**, including a general description of the scope of work; One Call and utility contact information; clarifications regarding the applicability of DOTD standard plans; and required approvals for crosswalk layouts prior to the start of the associated work.
  - **Preliminary Summary Sheets**, including applicable pay item for flashing beacons, advance warning signs, crosswalks, and other pedestrian facility improvements as applicable.
  - **Preliminary Summary of Estimated Quantities**, including primarily standard DOTD pay items and only including nonstandard pay items when a standard pay item does not exist.
  - **Sequence of Construction**, including measures to minimize disruptions to schools, residents, businesses, and through traffic, such as staggering work locations, limiting the work hours to outside of school drop-off and pick-up peak periods, and prohibiting full road closures unless flaggers and/or night work are used.
  - **Traffic Control Plan**, including any required detours (vehicular and pedestrian) during construction. The TCP will be designed in accordance with the MUTCD, DOTD Traffic Engineering Manual, and DOTD TTC standard plans.
- **Plan-in-Hand Meeting:** Attend plan-in-hand meeting to discuss preliminary submittals and identify potential conflicts that need to be addressed in final design.
- **Environmental Clearance Confirmation:** Proceed with final design upon confirmation of environmental clearance.
- **60% Final Design:** Update plans to include necessary details/sheets, such as:
  - **Detail Sheets**, including flashing beacon, crosswalk, and curb ramp/sidewalk (if necessary) details and notes describing where they apply and whether they supersede any standard plans.
- **95% Final Design:** Update plans to address 60% final design comments and incorporate applicable DOTD standard plans and special details. Prepare OPCC using estimated quantities, recent DOTD letting information, and bid tabs of recent projects of similar scope and magnitude. Prepare nonstandard specifications. Assist DOTD with preparation of special provisions as requested. Incorporate the following standard specifications:
  - DOTD Standard Specifications for Roads and Bridges, 2026 Edition
  - DOTD 2026 Supplemental Specifications
  - Applicable ASTM standards if necessary
- **100% Final Design:** Address any remaining design review comments and submit 100% Final submittal, including digitally sealed and signed final Plans with written certification and other forms/requested information, such as:
  - **Final Design Report**
  - **Estimated Quantities Calculations**
  - **SWPPP Form**
  - **Constructability Review Form**
  - **Estimated Contract Time Worksheet**
  - **QA/QC Checklist**
  - **OPCC**

CONSTRUCTION PHASE

- **Preconstruction Conference**: Attend preconstruction conference with DOTD and Contractor.
- **Requests for Information (RFIs)**: Review RFIs within 48 hours of receipt.
- **Construction On-Call Support**: Visit the project site and assist DOTD and the Contractor with questions and clarifications.

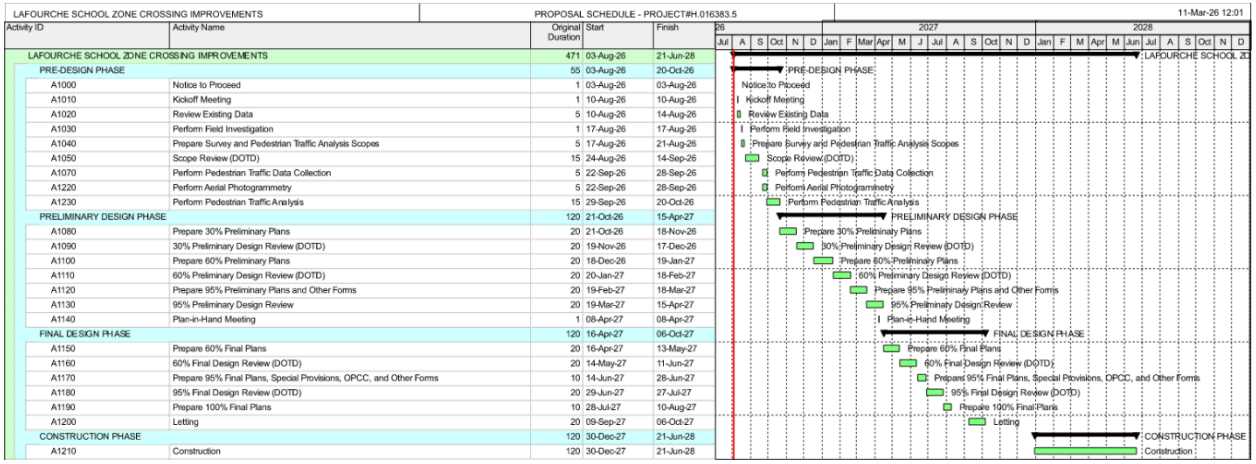


Figure 3: Sample Project Schedule

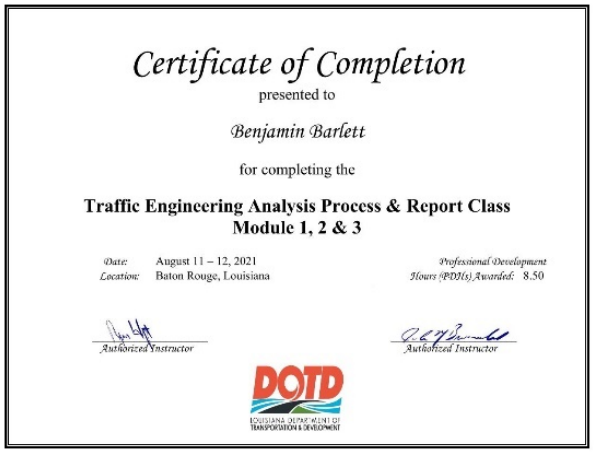
19. Workload:

Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Horizon Engineering, LLC	CE&I/OV	Contract No. 4400029428 S. P. No. H.014049.6	St. Bernard Pedestrian Improvements (CE&I)	$3,298
	CE&I/OV	Contract No. 4400030048 S. P. No. H.012867.6	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)	$310,424
	CE&I/OV	Contract No. 4400031927 S. P. No. H.014737.6	Signal Upgrade: Sgt Alfred Dr @ Cleveland (CE&I)	$101,492
	Road	Contract No. 4400031228 S. P. No. H.015469.5	Shreveport Pvmt Prgrm (Panel Replace)	$132,068
T. Baker Smith, LLC	Bridge	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	$799
		4400019336 / Multiple S.P.	Rural Bridge Replacement Initiative Phase II	$2,957
		4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$35,116
	CE&I/OV	4400025760 / H.011137	I-12: LA 1077 to LA 21 (CE&I)	$533,124
	Environmental	4400019336 / Multiple S.P.	Rural Bridge Replacement Initiative Phase II	$13,804
		4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$40,849
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	$207,770
	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	$10,984
		4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$102,090
	Other (Contract Management)	4400019336 / Multiple S.P.	Rural Bridge Replacement Initiative Phase II	$9,992
		4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$30,812
	Road	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	$750
		4400019336 / Multiple S.P.	Rural Bridge Replacement Initiative Phase II	$2,925
		4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$59,477
		4400024928 / H.015576 (Task	LA 447 @ LA 1025: Roundabout	$15,243
		4400024928 / H.015587 (Task	LA 3211 @ Yokley Road Roundabout	$151,162
		4400024298 / H.016095 (Task	LA 70 Rehab: Marguerite St to US 90	$36,808
		4400024928 / H.015485 (Task	LA 3187: LA 13 - LA 13	$129,892
		4400024928 / H.010795 (Task	LA 42: Roundabout at Joe Sevario Road	$108,291
	Survey	4400025027 / Multiple S.P.	IIJA Off-System Bridge Program	$19,531
		4400021973 / H.011242	LA 384 (Big Lake Rd to McNeese St)	$718,296

Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
T. Baker Smith, LLC	Survey	4400024928 / H.015485	LA 3187: LA 13 - LA 13	$171,137
		4400031920/H.008069.5	Peters Road Bridge & Extension (Phase 3)	$479,288
		4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	$9,138
	Other (Subsurface Utility Engineering)	4400025511/H.011242.5	LA 384	$770,896

20. Certifications/Licenses:

Ben Bartlett, PE, PTOE



Certificate of Completion

presented to

Benjamin Barlett

for completing the

Traffic Engineering Analysis Process & Report Class
Module 1, 2 & 3

Date: August 11 – 12, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH(s) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

TPCB

The Transportation Professional Certification Board

Certifies that

Benjamin Bartlett, P.E., PTOE

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 3/29/2016

Certification Valid Through: 3/29/2028

Steve Kuciemba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 4020

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

BEN BARTLETT

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/28/2022

Exp. Date 3/28/2026

State Issued LA

Debbie Purcella
Instructor Name

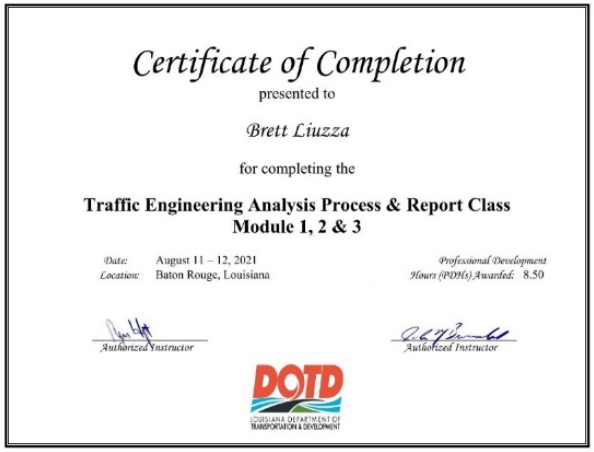
Debbie Purcella
Instructor Signature

V0000046657

Verify at Flagger.com

20. Certifications/Licenses:

Brett Liuzza, PE



Certificate of Completion

presented to

Brett Liuzza

for completing the

Traffic Engineering Analysis Process & Report Class
Module 1, 2 & 3

Date: August 11 – 12, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

BRETT LIUZZA

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 4/6/2022

Exp. Date 4/6/2026

State Issued LA

V0000047046

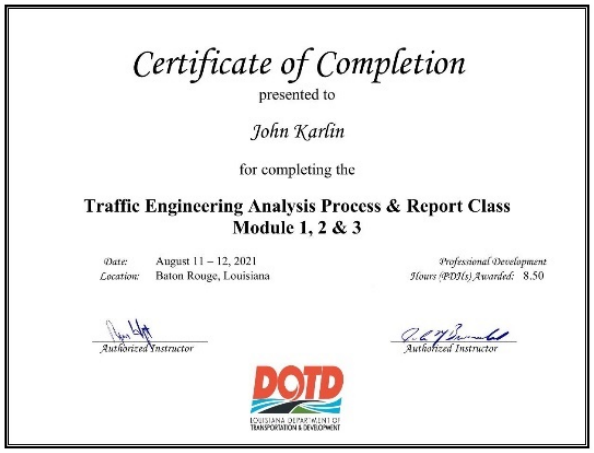
Debbie Purcella
Instructor Name

Instructor Signature

Verify at Flagger.com

20. Certifications/Licenses:

John Karlin, SE, PE



Certificate of Completion

presented to

John Karlin

for completing the

Traffic Engineering Analysis Process & Report Class
Module 1, 2 & 3

Date: August 11 – 12, 2021
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH(s) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA
SAFER ROADS SAVE LIVES
American Traffic Safety Services Association

This is to affirm that

JOHN KARLIN
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 4/12/2022
Exp. Date 4/12/2026
State Issued LA
V0000047355

Debbie Purcella
Instructor Name

Instructor Signature

Verify at Flagger.com

11475094

AMPP™ **Certificate of Achievement**

The Association for Materials Protection and Performance Recognizes

John Karlin

As a Certified

Senior Certified Coatings Inspector

Executive Director
AMPP

AMPP

Expires
March 28, 2028

Cert No.113357

AMPP

AWARD OF SUCCESSFUL COMPLETION
IS HEREBY GRANTED TO

John Karlin

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C3 Supervisor_Competent Person Training for Deleading and Hazardous Coatings Removal

Baton Rouge, LA
Jan 13 - 16, 2025
3.0 CEUs

Jennifer Rogers
Senior Director of Education

ACCREDITED IACET PROVIDER

AMPP is accredited by the International Accreditors for Continuing Education and Training (IACET) and offers IACET CEUs for its learning events that comply with the ANSI/IACET Continuing Education and Training Standard. IACET is recognized internationally as a standard development organization and accrediting body that promotes quality of continuing education and training.

AMPP Association for Materials Protection and Performance (Formally NACE International and SSPC: The Society for Protective Coatings)
This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.

20. Certifications/Licenses:

Collin Gillen, PE

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Collin Gillen
has attended
Traffic Control Supervisor-LA State Specific
Training Course

5/25/2022 to 5/25/2026
Training Valid Through

New Orleans, LA
Location

Director of Training

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

Collin Gillen

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 9/21/2022

Exp. Date 9/20/2026

State Issued LA

ATSSA
Instructor Name

Instructor Signature

A1000107040

Verify at Flagger.com

Louisiana Transportation Research Center

Thank you for submitting your student registration. Please review the below information. Feel free to keep this email for your records.
Course: Traffic Engineering Process & Report Class Series - Series 27 (April 22-23, 2026- TTEC, Baton Rouge)
Schedule Date: 04/22/2026
First Name: Collin
Last Name: Gillen
Company: Horizon Engineering, LLC
Title: PE
Phone: 504-270-1830
Payment Type: card
Payment Status: completed
Payment Amount: 35.00
If you need assistance with managing your submission, please contact Layne Brown at layne.brown@la.gov .

Visit Website | (225) 767-9183

*Collin Gillen is registered for the next available LTRC TEPR training course and will have the certification prior to the start of the work.

20. Certifications/Licenses:

Paul Beaullieu, EI

20. <u>Certifications/Licenses:</u>

Jean Reulet, III, PLS

20. Certifications/Licenses:

Anthony Burns

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Anthony M Burns
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/26/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA

ATSSA American Traffic Safety Services Association

This is to affirm that

Anthony M Burns

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date: 3/31/2022

Exp. Date: 3/30/2026

State Issued: LA

ATSSA

Instructor Signature

A1000034837

Verify at Flagger.com

20. Certifications/Licenses:

This page is intentionally left blank.

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State

Louisiana SECRETARY OF STATE NANCY LANDRY

HOME

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
HORIZON ENGINEERING, LLC	Limited Liability Company	METAIRIE	Active

Previous Names

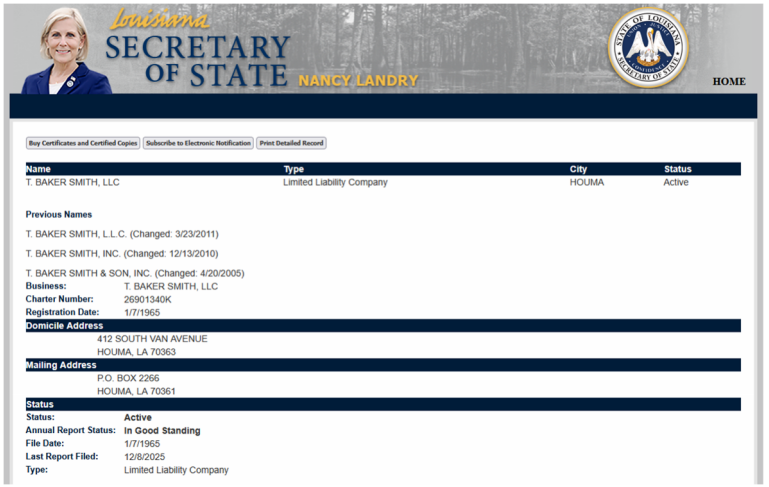
Business: HORIZON ENGINEERING, LLC
Charter Number: 45713383K
Registration Date: 12/14/2023

Domicile Address
110 VETERANS MEMORIAL BLVD
STE 430
METAIRIE, LA 700054966

Mailing Address
110 VETERANS MEMORIAL BLVD
STE 430
METAIRIE, LA 700054966

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 12/14/2023
Last Report Filed: 12/14/2025
Type: Limited Liability Company

Horizon Engineering, LLC



Louisiana SECRETARY OF STATE NANCY LANDRY

HOME

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active

Previous Names

T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)

T. BAKER SMITH, INC. (Changed: 12/13/2010)

T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)
Business: T. BAKER SMITH, LLC
Charter Number: 26901340K
Registration Date: 1/7/1965

Domicile Address
412 SOUTH VAN AVENUE
HOUMA, LA 70363

Mailing Address
P.O. BOX 2266
HOUMA, LA 70361

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 1/7/1965
Last Report Filed: 12/8/2025
Type: Limited Liability Company

T. Baker Smith, LLC

21. <u>QA/QC Plan:</u>

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted**.

22. Sub-consultant information:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
T. Baker Smith, LLC	6660 Riverside Dr, Ste 101 Metairie, LA 70003	Jean Reulet, III, PLS jean.reulet@tbsmith.com	(504) 493-2953

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement**.