

**CONTRACT NO. 4400035045
STATE PROJECT NO. H.015487.6**

**NOLA PED SAFETY IMPR –
PHASE 2 (CE&I)**

FOR



MAY 12, 2026

**SUBMITTED BY:
HORIZON ENGINEERING, LLC**



**110 VETERANS MEMORIAL BLVD, STE 430
METAIRIE, LOUISIANA 70005**

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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	NOLA PED SAFETY IMPR – PHASE 2 (CE&I)
2. Contract Number(s) as shown in the advertisement	4400035045
3. State Project Number(s), if shown in the advertisement	H.015487.6
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	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:

May 12, 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. Discipline Table:

Discipline(s)	% of Overall Contract	Horizon Engineering, LLC (Prime)	Wingate Engineers, LLC	Vectura Consulting Services, LLC	Each Discipline must total to 100%
CE&I/OV	100%	60%	30%	10%	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%	60%	30%	10%	100%

13. Team Size:

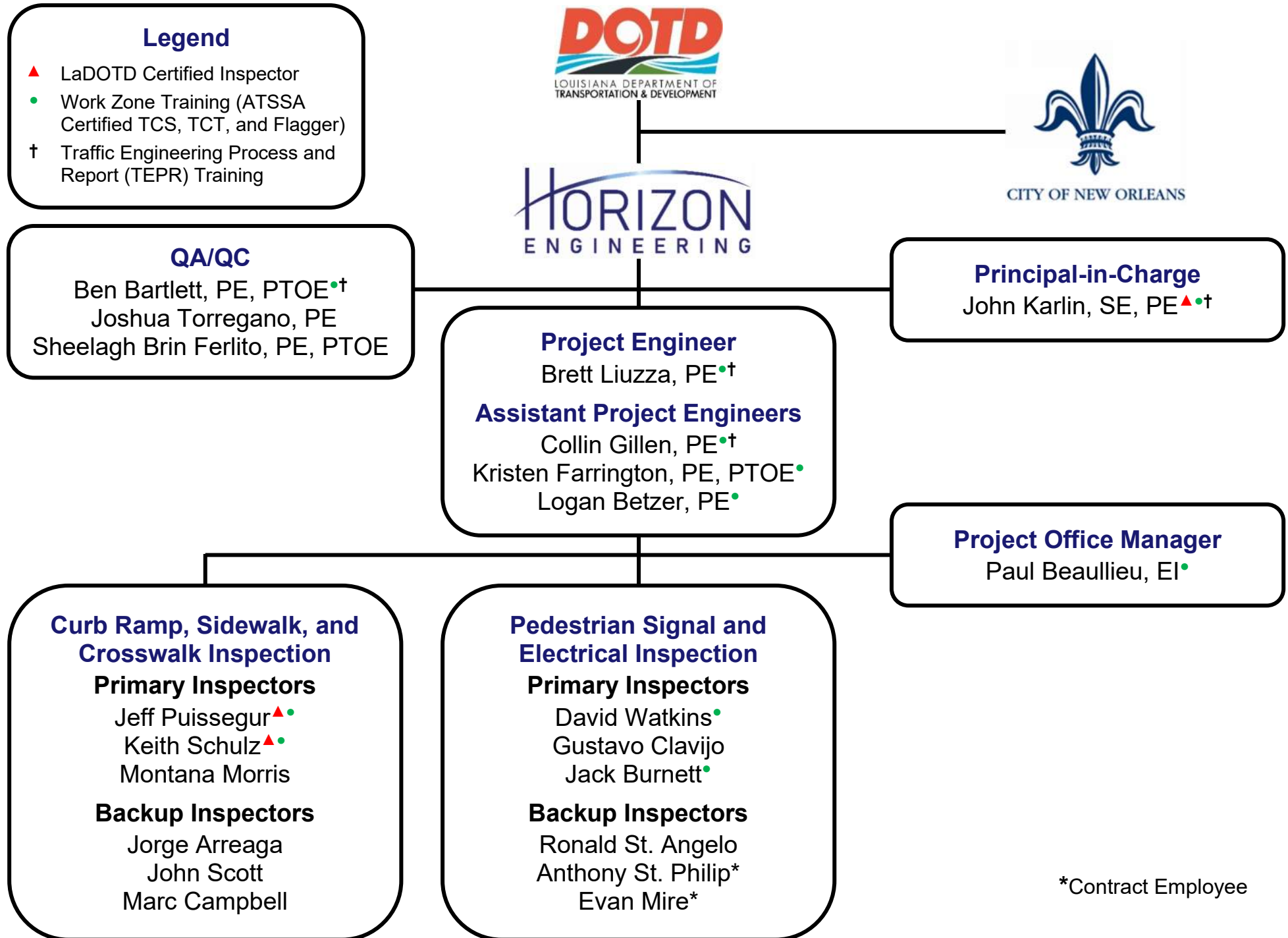
Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
 Horizon Engineering, LLC	Principal	1	3
	Supervisor - Eng	1	3
	Engineer	2	4
	Engineer Intern	0	2
	Project Office Manager	1	1
	Inspector - Lead	1*	1
	Inspector - Certified	1*	2
	Inspector	2*	5
 Wingate Engineers, LLC	Principal	1	1
	Engineer	1	2
	Inspector**	5*	9
 Vectura Consulting Services, LLC	Supervisor - Eng	1	2
	Engineer	1	5
	Engineer Intern	0	2
	Senior Technician	2*	3
	Technician	0	2
	Supervisor – Other	0	1
	Clerical	1	1

*Based on the project's scope of work, we anticipate that one full-time inspector will be required at each intersection or group of closely spaced intersections and that three intersections could be worked on concurrently (i.e., three inspectors would be required for three intersections or groups of

intersections that are worked on concurrently); however, we can provide additional inspectors and technicians to assist with field and office tasks, such as inspections and HeadLight/SiteManager duties, if necessary due to the contractor's manpower allocation, construction schedule, work hours, and other similar factors.

****Two** of Wingate's noncertified inspectors have successfully completed all written exams for a DOTD certification and are currently awaiting performance evaluation availability. They are anticipated to complete their performance evaluation and obtain their DOTD certification prior to the start of this project.

14. Organizational Chart:



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	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026
3	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026
4	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
	Joshua Torregano, PE	Wingate Engineers, LLC	PE #40432 – Civil	LA	9/30/2026
5	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PE #25383 PTOE #932	LA USA	9/30/2027 9/9/2027

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Brett Liuzza, PE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
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: Project Engineer (Satisfies MPRs 1, 2, 3, and 4) Responsibilities: Construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD, City of New Orleans, and other stakeholders.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “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 construction administration and construction engineering experience, including many recent LaDOTD CE&I projects in District 02 and LaDOTD LPA CE&I projects involving City of New Orleans. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.		
03/25 – 03/26	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: ≈\$690,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.		
07/23 – 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/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Assistant Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed Site Manager duties. Coordinated construction materials testing. Prepared 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: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, and pay applications.		
10/18 – 10/23	H.007271.6 – Canal Blvd (R.E. Lee – Amethyst) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water, improvements. Cost: ≈\$6,800,000. Role: Project Engineer. Managed 2 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.		

Brett Liuzza, PE (Continued)

07/21 – 01/24	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: 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 SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
09/20 – 07/22	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps (14 blocks). Cost: ≈\$8,300,000. Role: Project 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.
05/21 – 12/22	RR122 and RR123 Marlyville-Fontainebleau 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 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.
05/23 – 01/24	H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps . Cost: ≈\$1,000,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps . Cost: ≈\$970,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
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: Project Engineer. Managed inspectors. Reviewed submittals. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders.
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: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Ben Bartlett, PE, PTOE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Civil Engineering / 2010 / Civil Engineering Bachelor of Science / 2008 / Civil/Environmental Engineering	
Active registration number / state / expiration date		PE: 38980 / LA / 9/30/2026 PTOE: 4020 / USA / 3/29/2028	
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer
Contract role(s) / brief description of responsibilities		Role: Quality Assurance/Quality Control (Satisfies MPRs 1, 2, 3, 4, and 5) Responsibilities: QA/QC of construction administration, construction engineering, inspection, and temporary traffic control.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/10 – Present	- Nearly 20 years of construction administration and construction engineering experience, including many recent LaDOTD CE&I projects in District 02 and LaDOTD LPA CE&I projects. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - 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.		
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. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.		
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: ≈\$690,000. 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. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed HeadLight and SiteManager duties. Coordinated construction materials testing.		

Ben Bartlett, PE, PTOE (Continued)

03/21 – 01/24	H.013939.6 – Veterans Blvd Transit Signal Priority Owner: Jefferson Parish (LaDOTD LPA project). Scope: Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Kenner and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders.
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps . Cost: ≈\$970,000. Role: Assistant Project Engineer. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Reviewed construction materials testing. Developed adjustments to curb ramps based on existing site conditions. Reviewed change orders and project closeout documentation.
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: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
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: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
02/16 – 10/18	West Esplanade Avenue Canal Crossing (Between Williams Boulevard and David Drive) Owner: Jefferson Parish. Scope: Installation of a signalized canal crossing over the West Esplanade Canal (Canal No. 2) to access existing and future commercial developments. Cost: ≈\$730,000. Role: Project Engineer. Designed traffic signals , asphalt pavement, concrete curb and gutter, and pavement markings for new east and west U-turns. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared project closeout documentation.
06/10 – 09/14	St. Charles Parish Road Maintenance Program (2010 – 2014) Owner: St. Charles Parish. Scope: Annual inspection of all St. Charles Parish-owned roads and repair/replacement of deficient roads. Cost: ≈\$1,500,000 annually. Role: Program Manager and Lead Civil Engineer. Led road inspections. Developed road repair/replacement priority lists for the verifiable expenditure of state/federal funds. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications , ADA compliant curb ramps , and utility adjustments. Prepared plans, specifications, and opinions of probable construction cost. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
10/24 – 11/24	TTC Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Private. Scope: Temporary traffic control plans to facilitate bridge coating and installation of associated temporary works, such as containment systems and work platforms. Role: Lead Traffic Engineer. Designed lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). Prepare temporary traffic control plans in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	John Karlin, SE, PE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
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, City of New Orleans, and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “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 construction administration and construction engineering experience, including LaDOTD and LaDOTD LPA CE&I projects. - Satisfies National Bridge Inspection Standards (NBIS) qualification requirements for Bridge Inspection Program Manager and Team Leader (completed FHWA-NHI-130056 Safety Inspection of In-Service Bridges for Professional Engineers). - Certified by LaDOTD in Structural Concrete. - AMPP (Formerly NACE/SSPC) Senior Certified Coatings Inspector (CIP Level 3). - AMPP C3 Supervisor/Competent Person Training for Deleading and Hazardous Coatings Removal. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.		
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: ≈\$690,000. Role: Principal-in-Charge. Coordinated with DOTD and the Contractor. Reviewed handrail submittal.		
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. Reviewed box culvert submittals.		
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.		

John Karlin, SE, PE (Continued)

10/23 – 01/24	H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project) Owner: United States Army Corps of Engineers (USACE)/LaDOTD. Scope: Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. Cost: ≈\$130,000,000. Role: Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site and reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls. Identified potential public safety issues.
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 – 06/23	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: Project Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.
05/19 – 09/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Assistant Project Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; managed inventory for ≈\$19,000,000 of stockpiled raw materials; inspected fabricated steel posts and rails prior to installation; coordinated construction materials testing; prepared change orders; and prepared project closeout documentation.
11/24 – 04/25	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. Cost: ≈\$5,400,000. Role: Coating Quality Assurance Manager. Reviewed submittals, including Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation. Performed coating inspections, including visual inspections and environmental conditions, soluble salts, surface profile, and dry film thickness testing.
04/20 – 03/22	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 roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Assistant Project Engineer. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Collin Gillen, PE		Years of relevant experience with this employer
Title	Civil Engineer		<1
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: Assistant Project Engineer Responsibilities: Construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD, City of New Orleans, and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “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 construction administration and construction engineering experience, including recent LaDOTD CE&I projects in District 02 and LaDOTD LPA CE&I projects involving City of New Orleans. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.		
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/bicycle 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.		
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 – 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 SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.		
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.		

Collin Gillen, PE (Continued)

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: 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.
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.
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.
09/24 – 09/25	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. Cost: ≈\$5,400,000. Role: Project Engineer. Managed inspector and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
05/20 – 02/24	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Assistant Project Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Managed inventory for ≈\$19,000,000 of stockpiled raw materials and inspected fabricated steel posts and rails prior to installation. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
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 Beaulieu, EI		Years of relevant experience with this employer
Title	Construction Manager		Years of relevant experience with other employer(s)
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: Project Office Manager Responsibilities: Assist Project Engineer and Inspectors with construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “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.		
09/25 – 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: Construction Manager. Managed inspectors. Reviewed quantities. Performed HeadLight and SiteManager duties.		
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. Currently providing construction management and independent cost estimating services (including design reviews) in accordance with the CMAR project delivery method. Reviewed cost proposals and prepared independent cost estimates. Coordinated with Contractor and other project stakeholders. For first construction phase, managed inspector, performed inspections, reviewed RFIs and submittals, reviewed daily work records (DWRs), and prepared change orders and project closeout documentation.		
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.		
01/26 – Present	H.015469.5 – Shreveport Pymt Prgrm (Panel Replace) Owner: City of Shreveport (LaDOTD LPA project). Scope: Rehabilitation of nine road segments (≈7.0 miles total), including replacement of deteriorated concrete panels and installation of curb ramps and sidewalks . Cost: ≈7,500,000 (est.). Role: Drafter. Prepared plans.		

Paul Beaulieu, EI (Continued)

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
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 Horizon Engineering, LLC			
Name	Jeff Puissegur		Years of relevant experience with this employer
Title	Senior Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Arts / 1999 / Social Science Associate of Arts / 1996 / Business Management	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Primary Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
2008 – Present	- Nearly 20 years of inspection experience, including many recent LaDOTD CE&I projects in District 02 and LaDOTD LPA CE&I projects involving City of New Orleans. - Certified by LaDOTD in Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving (currently pursuing Structural Concrete certification) - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.		
01/22 – 02/23	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
05/24 – 08/24	H.011775.6 – US 11 & US 190 Bicycle and Ped Crossings Owner: LaDOTD. Scope: Intersection improvements at US 11/US 190, including milling, patching, and overlay of asphalt and replacement of asphalt with PCC pavement; installation of traffic signals (vehicular and pedestrian), concrete sidewalks, and crosswalks ; and drainage structure modifications. Cost: ≈\$1,200,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
03/25 – 10/25	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: ≈\$690,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Obtained material samples and assisted with coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans.		

Jeff Puissegur (Continued)

01/24 – 05/24	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/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
06/23 – 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: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
08/24 – 11/24	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: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with the review of RFIs. Prepared redline as-built plans.
01/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). Cost: ≈\$50,000,000 (est.). Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Assisted with the preparation of project closeout documentation.
09/16 – 02/17	H.007277.6 – Lake Forest Boulevard Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of roadway with PCC pavement roadway; asphalt roadway milling and overlay; and drainage, sewer, and water improvements. Cost: ≈\$490,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
05/19 – 08/20	H.011798.6 – Airline Park Blvd (Camphor – W Napoleon) Owner: Jefferson Parish (LaDOTD LPA project). Scope: Replacement of asphalt roadway and PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps); drainage, sewer, and water improvements; and installation of drainage pump station and associated canal bank sheeting and riprap. Cost: ≈\$6,000,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Keith Schulz		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Primary Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/12 – Present	- Nearly 15 years of inspection experience, including LaDOTD and LaDOTD LPA CE&I projects. - Certified by LaDOTD in HMA (Asphalt Concrete) Paving and has completed all Embankment and Base Course certification written exams (currently awaiting performance evaluation availability). - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.		
04/21 – 09/21	Mid-City Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks , and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (111 blocks). Cost: ≈\$24,000,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		
04/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		
09/20 – 04/21	Audubon Group A Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks , and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (89 blocks). Cost: ≈\$9,400,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
04/21 – 05/23	Black Pearl Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks , and driveways; and drainage, sewer, and water improvements (18 blocks). Cost: ≈\$6,600,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		
04/25 – 08/25	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: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing. Prepared redline as-built plans.		

Keith Schulz (Continued)

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: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing.
02/22 – 04/22	Extension of Taxiway Golf and Taxiway Bravo NOAB Project No. TWY G-1234 & TWY B-1235 Owner: New Orleans Aviation Board. Scope: Extension of Taxiway Golf to the end of Runway 11 (≈1,500 feet), extension of Taxiway Bravo to Taxiway Golf, and associated lighting and signage improvements. Cost: ≈\$50,000,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.
01/17 – 09/20	Heavy Civil Construction Experience Scope: Various heavy civil construction projects, including demolition, pile driving, earthwork, drainage, utilities, asphalt pavement, and PCC pavement. Role: Multiple roles, including Project Manager and Estimator. Reviewed bid advertisements and prepared quantity takeoffs. Reviewed plans and specifications and prepared work plans for field personnel. Managed field personnel and coordinated with subcontractors. Resolved field and contract issues with owner and field personnel. Prepared RFIs, submittals, and change order requests.
01/16 – 01/17	Surveying Experience Scope: Surveying for various site development, road, and drainage projects. Role: Survey Technician. Assisted with topographic surveying, including establishing vertical and horizontal control, obtaining elevations, and locating visible utilities.
06/12 – 01/16	Residential Construction Experience Scope: Various residential construction projects. Role: Multiple roles, including Quality Control Field Manager and Quality Control Field Representative. Performed inspections and observed inspections by others. Coordinated inspections and non-destructive testing with owner and subcontractor personnel. Verified that necessary quality control records, acceptance certificates, mechanical completion certificates, and other documentation for specific building systems were prepared and documented. Assisted with identification and resolution of nonconforming work, including preparation of corrective action plans.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Jack Burnett		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Primary Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/06 – Present	- Nearly 20 years of electrical and inspection experience, including LaDOTD and LaDOTD LPA CE&I projects. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Licensed journeyman electrician.		
03/26 – 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 with mast arm mounted traffic signals and installation of new crosswalks and pedestrian signals . Cost: ≈\$380,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Obtained material samples and assisted with coordination of construction materials testing. Assisted with the review of RFIs.		
09/25 – 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: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing.		
11/25 – 11/25	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: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs).		
03/17 – 02/23	LaDOTD Electrical Experience Scope: Electrical system maintenance and repairs along the US 90 corridor from approximately the Superdome to the Alario Center. Role: Multiple roles, including Interim Electrical Foreman, Electrician Specialist Leaderman, and Electrician Specialist. Performed electrical system maintenance and repairs for the Crescent City Connection bridge lighting, aerial beacon lighting, channel marker lighting, decorative lighting, HOV gate controls, and switchgear; General De Gaulle pump station pumps, generator, and switchgear; Harvey Tunnel electrical/HVAC components; various bridge and road lighting and permanent message boards; various building electrical/HVAC components, underground feeder, and backup generators; high voltage substation; and radio tower.		

Jack Burnett (Continued)

08/11 – 03/16	Heavy Civil Electrical Experience Scope: Various heavy civil electrical installation, maintenance, and repair projects for City of New Orleans, Lafourche Parish, Entergy, City of Shenandoah, and other entities. Role: Multiple roles, including Electrical Foreman, Electrician, Service Electrician, and Lineman. Installed, maintained, and/or repaired traffic signals, moveable bridge electrical components, road and parking lot lighting, transmission and distribution powerlines (overhead and underground), high voltage transformers, 3-phase secondary systems, and underground feeds.
05/06 – 08/11, 02/16 – 03/17, and 02/23 – 09/25	Residential and Commercial Electrical Experience Scope: Various residential and commercial electrical projects, including new construction and renovations. Role: Multiple roles, including Electrical Foreman, Electrician, Service Electrician, Assistant Service Manager, and Estimator. Installed, maintained, and/or repaired underground lines, generators, low voltage systems, commercial communication lines, and switchgear. Performed service calls. Prepared cost estimates and coordinated service calls.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Anthony St. Philip		Years of relevant experience with this employer	<1
Title	Senior Inspector		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			Bachelor of Science / 1980 / Industrial Management Technology	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Role: Backup Inspector Responsibilities: Assist Primary Inspector with inspection and construction documentation.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/23 – 12/24	RR 215: Dillard Group A & B (RR031/RR032) Owner: City of New Orleans. Scope: Road reconstruction, asphalt milling and overlay, road patching, and associated drainage, sewer, and water improvements for 188 city blocks in the vicinity of Dillard University. Cost: ≈\$40,000,000. Role: Lead Inspector. Inspected base course installation, PCC pavement installation, asphalt milling and overlay, asphalt patching, PCC pavement patching; drainage pipe, drainage structure, curb, driveway, and sidewalk installation; and pavement marking installation. Reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
06/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			
05/20 – 06/21	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 roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
05/10 – 05/14	Tidewater Road Reconstruction Owner: Plaquemines Parish. Scope: Construction of new 12” concrete road outside of flood protection (3 feet higher than original road to reduce flooding), detour road, and waterline relocation (≈2.5 miles long). Cost: ≈\$20,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			

Anthony St. Philip (Continued)

06/21 – 02/22	RR133 and RR136 Pines Village Group A and Plum Orchard Group D Waterline Replacement Program Owner: SWBNO. Scope: Replacement of water mains and house connections (8,000' of 8" diameter and 2,400' of 12" diameter water mains). Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.
09/05 – 09/07	17th Street Canal Floodwall Breach Repairs (Emergency, Interim, and Permanent) Owner: USACE. Scope: Emergency closure of floodwall breach, interim sheet pile at Old Hammond Highway Bridge and breach, interim pump station (2,500 CFS to 4,000 CFS to 7,500 CFS in 3 phases), and permanent T-wall to replace breached I-wall, all under a significantly compressed schedule. Cost: ≈\$150,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.
02/22 – 06/22	Nashville Avenue Wharf "A" Substructure Repairs Phase 2 (CMAR) Owner: Port of New Orleans. Scope: Structural inspection and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). Cost: ≈\$25,000,000 (est.). Role: Inspector and Quality Assurance Reviewer. Inspected steel pipe piles, H-piles, tube piles, and associated bracing; grouted FRP pile jackets and concrete pile jackets; reinforced concrete drop panels, pile caps, bottom of deck, and bulkhead; and timber fender piles from both land and water in accordance with ASCE MOP 130 and project specific criteria. Performed quality assurance review of inspection data, including damage ratings, photos, and notes.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Evan Mire		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of General Studies / 2013	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Backup Inspector Responsibilities: Assist Primary Inspector with inspection and construction documentation.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/21 – 02/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and evaluation and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement; assisted with the inspection, coordination, and development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures; and assisted with the preparation of project closeout documentation.		
10/19 – 01/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Inspector. Inspected temporary lane closures of over 10 miles long; performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; and assisted with the review of RFIs.		
05/22 – 06/22	Nashville Avenue Wharf “A” Substructure Repairs Phase 2 (CMAR) Owner: Port of New Orleans. Scope: Structural inspection and evaluation and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). Cost: ≈\$25,000,000 (est.). Role: Inspector. Inspected steel pipe piles, H-piles, tube piles, and associated bracing; grouted FRP pile jackets and concrete pile jackets; reinforced concrete drop panels, pile caps, and bottom of deck; and timber fender piles from both land and water in accordance with ASCE MOP 130 and project specific criteria.		
04/23 – 05/23	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: ≈\$195,000. Role: Field Technician. Installed and removed volume count, turning movement count, and driveway/median opening count equipment.		

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC			
Name	Joshua Torregano, P.E., MBA		Years of relevant experience with this employer
Title	Principal in Charge / Project Executive		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS 2011 Civil Engineering, MBA 2017	
Active registration number / state / expiration date		40432 LA 09-30-26	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities:		QA/QC Joshua Torregano, P.E., MBA is a highly accomplished professional with nearly 20 years of experience in engineering and construction, specializing in municipal and public-sensitive infrastructure . As a licensed engineer and seasoned project manager, he has successfully led multi-million-dollar design, construction, and management projects across Louisiana and the Gulf South. His expertise spans stormwater management, flood risk mitigation, transportation systems, and critical public works, ensuring resilient and sustainable infrastructure for communities. With a B.S. in Civil Engineering and an MBA, Mr. Torregano combines technical expertise with strategic leadership to optimize project efficiency and cost-effectiveness. As principal engineer of Wingate Engineers, LLC, he leads a diverse portfolio of engineering and construction projects, delivering innovative solutions for municipalities and federal agencies. His ability to navigate complex regulatory environments while prioritizing public impact makes him a trusted leader in the industry. (Satisfies MPR 5)	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/26 – ongoing	Morrison Rd. Improvements Project (Mayo to Bullard) – Contract Administration and Resident Inspection Services (New Orleans, LA) – Principal in Charge / Project Executive. Wingate Engineers provides resident inspection and contract administration services for the Morrison Road Improvements Project (Mayo to Bullard) under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. Responsibilities include full-time construction inspection to ensure contractor compliance with plans, specifications, and LADOTD standards. Wingate performs daily field oversight, quantity verification, and material testing documentation while maintaining project records and reporting through the Headlight system. The team also manages submittal reviews, RFIs, and coordination with the contractor and design team to support timely issue resolution and project continuity. These efforts support the delivery of roadway and drainage improvements along a critical transportation corridor.		
03/26 – ongoing	Broad Street Bridge Repairs – Traffic Control Plans (New Orleans, LA) – Principal in Charge / Project Executive. Wingate Engineers provides traffic engineering design services for the Broad Street Bridge Repairs project under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. The team is responsible for developing Temporary Traffic Control (TTC) Plans to support girder repairs requiring lane closures and modifications to existing travel lanes and bicycle facilities. Services include preparation of phased traffic control plans in accordance with LADOTD standards and the Manual on Uniform Traffic Control Devices (MUTCD) to maintain safe and efficient traffic operations during construction. Wingate advances design deliverables through multiple phases while incorporating agency and client feedback. These efforts support safe construction access while minimizing disruption along a critical urban corridor.		
06/2025 – going	CNO – JIRR Contract Administration & Resident Inspection (New Orleans, LA) - Principal in Charge / Project Executive. Wingate Engineers is providing Construction Engineering and Inspection (CE&I) and contract administration services for the City of New Orleans DPW Joint Infrastructure Rehabilitation and Reconstruction (JIRR) Program, serving as a subconsultant to ECM Consultants. The program includes roadway reconstruction, drainage improvements, and utility upgrades across active urban corridors. Wingate performs full-time resident inspection services, conducting daily oversight of contractor operations to ensure compliance with plans, specifications, and applicable standards. A key component of this role includes monitoring traffic control measures to maintain safe pedestrian access, including temporary walkways, curb ramp transitions, and protected crossings in accordance with MUTCD and City standards.		
07/25 - ongoing	City of New Orleans – On Call Engineering Support Services (New Orleans, LA) – Principal in Charge. Wingate has been selected as one of only three firms to provide on-call engineering services to the City of New Orleans, chosen from a competitive field of 32 respondents. This highly selective award reflects the City’s confidence in Wingate’s technical expertise, local experience, and proven performance on complex public infrastructure programs. Under		

	this citywide contract, Wingate will support capital improvement initiatives through task orders across multiple departments, providing flexible and rapid-response engineering services. The scope includes planning, design, and construction support for roadway, bridge, drainage, utility, and multimodal infrastructure projects, with close coordination alongside City agencies and partners to advance New Orleans' long-term infrastructure goals.
11/24 – 03/26	Agriculture Street Landfill Redevelopment Resident Inspection (New Orleans, LA) – <i>Principal in Charge</i>. The Mayor's Office of Resilience and Sustainability works with city departments and agencies to advise on the strategic pursuit of comprehensive resilience priorities across environmental, social, economic, and infrastructural improvement goals. The Agriculture Street Landfill (ASL) is a soon to be City-owned property upon which the City is planning to build the City's first Community Solar Park. As a sub-consultant to GEC, Wingate Engineers has been hired to perform all Resident Inspection Services as well as some Construction Management and Contract Administration Services to manage and monitor the demolition.
01/24 - 04/26	Treme – Lafitte Group D Emergency Response – Contractor Administration and resident Inspection (New Orleans, LA) - <i>Principal in Charge</i>. The City of New Orleans Department of Public Works (DPW) has engaged Wingate Engineers (Wingate) to provide the City with contract administration; resident construction inspection and project close out services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements.
02/24 – 07/24	STAR Transit Feasibility Study (Greater St. Tammany Area, LA) – <i>Principal in Charge</i>. STAR Transit is a demand response transit system that operates within the boundaries of St. Tammany Parish. This system is open to all residents within the Parish. The program operates two types of services: rural transportation and urban transportation. It is designed to transport passengers to and between essential services and destinations. This service is non-emergency and provides curb-to-curb service on a call-in, first come first served basis. St. Tammany Parish Grants Department has hired Wingate Engineers to assist the St Tammany Parish Government with a needs assessment of public transit for St. Tammany Parish including a review of the current operations of STAR Transit.
03/24 - 07/25	Lake Vista Group D - Resident Inspection (New Orleans, LA) - <i>Principal in Charge</i>. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface and subsurface works per DPW specifications and a strict schedule.
03/23 – ongoing	Off System Bridge Improvement Program – Civil and Structural Design Services (Baton Rouge, LA) - <i>Principal in Charge</i>. Wingate is contracted with GEC, Inc. for improvement and enhancement of off-system bridges that have various degrees of needs for improvement, rehabilitation and in some instance, full replacement. DOTD selected 10 firms to participate in this program and based on 10 designated DOTOD districts. Wingate has been hired to perform 60% and 100% preliminary and final design plan documents for the formulation of bid and specifications packages to be put out of construction. Wingate is performing these services for 5 different bridges across District #61, which spaces the Baton Rouge Metropolitan areas, including Ascension and West Feliciana Parishes.
02/21 - 04/24	Read Boulevard East Group F - Resident Inspection and Contract Administration (New Orleans, LA) - <i>Principal in Charge</i>. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface ad subsurface works per DPW specifications and a strict schedule.
07/21 – 05/25	West End Hydraulic and Hydrologic Assessment (New Orleans, LA) - <i>Principal in Charge</i>. The City of New Orleans completed the West End Hydraulic and Hydrologic (H&H) Assessment project to evaluate existing drainage conditions and identify future flood reduction priorities. Wingate Engineers contributed by performing a Data Gap Analysis, H&H modeling, project development tasks, and assisting with preparation of the scoping report. The project area covered the West End neighborhood from the 17th Street Canal to the west, Pontchartrain Boulevard to the east, Veterans Boulevard to the south, and Lake Pontchartrain to the north. Through background research, hydraulic and hydrologic modeling, and related technical analyses, Wingate helped deliver a final report that provides the City with a foundation for prioritizing drainage improvements and guiding long-term investment in flood risk reduction.
02/22 – 05/25	City of New Orleans Street and Area Lighting Asset Management (New Orleans, LA) - <i>Principal in Charge</i>. The City of New Orleans Department of Public works contracted a firm to manage, energy efficiency designs, construction inspection, construction management, and QC Management. Wingate is responsible for the oversight of all citizen concerns regarding streetlights and creating work orders to ensure the problems are resolved in a timely manner. As, well as creating weekly/monthly reports to track progress of outages, knockdowns, and new poles, the team is also, responsible for management of all restore outages organized by district, cleared the 311 system, and kept in contact with all inspectors to ensure the corrects assets were being addressed.

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC					
Name		Logan Betzer, P.E.		Years of relevant experience with this employer	3
Title		Senior Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			BS 2019 Civil Engineering		
Active registration number / state / expiration date			0048157 LA 03-31-28		
Year registered		2019	Discipline		Civil Engineering
Contract role(s) / brief description of responsibilities:			Assistant Project Engineer Logan Betzer , is a professional Civil Engineer who enjoys serving the community through constructing impactful infrastructure projects. Mr. Betzer has worked as a design engineer in Houston on commercial site development projects and as a permitting contact between his engineering firm and the Texas Department of Transportation. Also, he has helped deliver engineering solutions for local, state, and federal clients on a wide range of projects in Louisiana.		
Responsible for day-to-day project management, coordination of CE&I activities, review of construction documentation, contractor coordination, schedule oversight, and ensuring compliance with contract plans, specifications, LADOTD standards, and traffic control requirements.					
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/26 – ongoing		Morrison Rd. Improvements Project (Mayo to Bullard) – Contract Administration and Resident Inspection Services (New Orleans, LA) – <i>Senior Engineer</i>. Wingate Engineers provides resident inspection and contract administration services for the Morrison Road Improvements Project (Mayo to Bullard) under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. Responsibilities include full-time construction inspection to ensure contractor compliance with plans, specifications, and LADOTD standards. Wingate performs daily field oversight, quantity verification, and material testing documentation while maintaining project records and reporting through the Headlight system. The team also manages submittal reviews, RFIs, and coordination with the contractor and design team to support timely issue resolution and project continuity. These efforts support the delivery of roadway and drainage improvements along a critical transportation corridor.			
03/26 – ongoing		Broad Street Bridge Repairs – Traffic Control Plans (New Orleans, LA) – <i>Senior Engineer</i>. Wingate Engineers provides traffic engineering design services for the Broad Street Bridge Repairs project under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. The team is responsible for developing Temporary Traffic Control (TTC) Plans to support girder repairs requiring lane closures and modifications to existing travel lanes and bicycle facilities. Services include preparation of phased traffic control plans in accordance with LADOTD standards and the Manual on Uniform Traffic Control Devices (MUTCD) to maintain safe and efficient traffic operations during construction. Wingate advances design deliverables through multiple phases while incorporating agency and client feedback. These efforts support safe construction access while minimizing disruption along a critical urban corridor.			
07/25 - ongoing		City of New Orleans – On Call Engineering Support Services (New Orleans, LA) – <i>Senior Engineer</i>. Wingate has been selected as one of only three firms to provide on-call engineering services to the City of New Orleans, chosen from a competitive field of 32 respondents. This highly selective award reflects the City’s confidence in Wingate’s technical expertise, local experience, and proven performance on complex public infrastructure programs. Under this citywide contract, Wingate will support capital improvement initiatives through task orders across multiple departments, providing flexible and rapid-response engineering services. The scope includes planning, design, and construction support for roadway, bridge, drainage, utility, and multimodal infrastructure projects, with close coordination alongside City agencies and partners to advance New Orleans’ long-term infrastructure goals.			
04/23 – ongoing		Louis Armstrong International Airport (MSY) North - South Connector Road (New Orleans, LA) – <i>Senior Engineer</i>. Wingate Engineers, LLC is contracted with Gresham Smith for utility design services for Louis Armstrong New Orleans International Airport’s North- South Connector Road project. The multi-phase project includes the design and construction of a proposed airport bus route along Jerome S. Glazer Airport Access Road and relocation			

	of the existing airfield vehicle service road. Wingate's utility design responsibilities include the relocation of storm sewer, water, and sanitary sewer facilities conflicting with the proposed bus route alignment. Wingate will propose alignments of relocated utilities, model existing and proposed drainage conditions, analyzed and resolved utility conflicts, and coordinated with additional subconsultants, public utility officials, and private utility companies.
03/24 – ongoing	Louis Armstrong International Airport – CBIS 5th EDS Redesign (Kenner, LA) – Senior Engineer. Wingate Engineers provided engineering support for the redesign of the Checked Baggage Inspection System (CBIS) to accommodate a fifth Explosive Detection System (EDS) machine. Scope included sealed design documents, technical specifications, and cost estimates across civil, MEP, structural, architectural, and baggage system disciplines. The effort also involved code compliance reviews, TSA design coordination, and planning for commissioning and oversight activities. This project supported MSY's broader modernization initiative to improve baggage handling efficiency and security infrastructure.
03/23 – ongoing	Off System Bridge Improvement Program – Civil and Structural Design Services (Baton Rouge, LA) - Senior Engineer. Wingate is contracted with GEC, Inc. for improvement and enhancement of off-system bridges that have various degrees of needs for improvement, rehabilitation and in some instance, full replacement. DOTD selected 10 firms to participate in this program and based on 10 designated DOTOD districts. Wingate has been hired to perform 60% and 100% preliminary and final design plan documents for the formulation of bid and specifications packages to be put out of construction. Wingate is performing these services for 5 different bridges across District #61, which spaces the Baton Rouge Metropolitan areas, including Ascension and West Feliciana Parishes.
02/24 – 07/24	STAR Transit Feasibility Study (Greater St. Tammany Area, LA) – Senior Engineer. STAR Transit is a demand response transit system that operates within the boundaries of St. Tammany Parish. This system is open to all residents within the Parish. The program operates two types of services: rural transportation and urban transportation. It is designed to transport passengers to and between essential services and destinations. This service is non-emergency and provides curb-to-curb service on a call-in, first come first served basis. St. Tammany Parish Grants Department has hired Wingate Engineers to assist the St Tammany Parish Government with a needs assessment of public transit for St. Tammany Parish including a review of the current operations of STAR Transit.
02/25 – ongoing	Koop Drive (St. Tammany, LA) – Senior Engineer. Wingate is providing engineering and design services for the Koop Drive Trace Trailhead and Park in Mandeville, Louisiana, a community-focused recreational site integrated with the Tammany Trace corridor. The project includes walking trails, playgrounds, gathering areas, parking improvements, and landscaped buffers to enhance access, safety, and connectivity. Wingate's scope includes site layout, grading, drainage, stormwater management, and utility coordination to support sustainable, phased development. Working closely with stakeholders, the team applies resilient, constructable design practices to deliver a durable, accessible park that supports recreation, environmental performance, and community goals.
07/21 – 05/25	West End Hydraulic and Hydrologic Assessment (New Orleans, LA) - Senior Engineer. The City of New Orleans completed the West End Hydraulic and Hydrologic (H&H) Assessment project to evaluate existing drainage conditions and identify future flood reduction priorities. Wingate Engineers contributed by performing a Data Gap Analysis, H&H modeling, project development tasks, and assisting with preparation of the scoping report. The project area covered the West End neighborhood from the 17th Street Canal to the west, Pontchartrain Boulevard to the east, Veterans Boulevard to the south, and Lake Pontchartrain to the north. Through background research, hydraulic and hydrologic modeling, and related technical analyses, Wingate helped deliver a final report that provides the City with a foundation for prioritizing drainage improvements and guiding long-term investment in flood risk reduction.
04/23 - ongoing	North 3rd Street Drainage Improvements (Slidell, LA) – Senior Engineer. Wingate Engineers was contracted by St. Tammany Parish Government for engineering, design, and inspection services on North 3rd Street in the Alton Neighborhood of Slidell. Following a feasibility study, Wingate facilitated the securing of LADOTD TAP grand funding for this vital infrastructure project. The project involves producing bid documents, construction plans, and inspection services for subsurface drainage and sidewalk construction. Wingate will conduct reviews of plans to ensure accuracy, constructability, and make associated recommendations.

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC			
Name	John Scott		Years of relevant experience with this employer
Title	Construction Manager Senior Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities:		Construction Manager Senior Inspector John Scott , is an accomplished and well-driven professional with more than 25 years of construction management and experience including residential and commercial; building. Mr. Scott has experience in military construction sectors and is well versed in the operations and producers of OSHA safety regulations.	
Performs full-time field inspection and construction oversight to verify contractor compliance with plans, specifications, approved traffic control plans, and quality requirements. Maintains Daily Work Reports (DWRs), quantity tracking, material documentation, and coordination with the contractor and project team regarding field conditions and project progress.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/24 – 04/26	Treme – Lafitte Group D Emergency Response – Contractor Administration and resident inspection (New Orleans, LA) – Construction Manager/Senior Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Wingate Engineers (Wingate) to provide the City with contract administration; resident construction inspection and project close out services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements.		
02/21 – 04/24	Read Boulevard East Group F - Resident Inspection and Contract Administration (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface and subsurface works per DPW specifications and a strict schedule.		
04/21 – 4/25	Marlyville Fontainebleau Group H - Resident Inspection and Contract Administration (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Digital Engineering (Digital) to provide the City with professional inspection services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements. As a sub consultant to Digital, Wingate Engineers (Wingate) has been hired to perform resident inspection services as well as general monitoring and recordation services needed to reconstruction, restore, repair, enhance multiple subsurface and surface works and other incidental improvements in accordance with a strict schedule and DPW specifications.		
6/21 – 3/21	Bayou St. John, Fairground, Seventh Ward - Group E Resident Inspection Services (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans DPW has enlisted Digital Engineering for professional inspection services to aid JIRR construction projects for city-wide infrastructure improvements. As a sub-consultant to Digital, Wingate Engineers will conduct resident inspection and general monitoring services to support the reconstruction, restoration, repair, and enhancement of various subsurface and surface works as per DPW specifications and a strict schedule.		
6/21 – 5/25	Design and Engineering for Roadway and Drainage Services for DPW737 - Milne Boulevard (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Wingate Engineering (Wingate) to provide the City with professional design and engineering services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements. Wingate has been hired to perform design and engineering for the full depth replacement of six city blocks located from 6900 through 7100 blocks of Milne Boulevard in the Lakeview neighborhood, accordance with a strict schedule and DPW specifications.		

8/23 – 4/24	Max Pave Phase II (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans, through DPW and SWBNO, is partnering on a major infrastructure restoration project. DPW has contracted Wingate Engineers to supervise Fleming Construction in repairing nearly 1200 sites citywide. The project scope includes the identification and assessment of various sites, which drives the creation of a task order-based system for the contractor.
02/22 – 05/25	City of New Orleans Street and Area Lighting Asset Management (New Orleans, LA) - Construction Manager/Senior Inspector. The City of New Orleans Department of Public works contracted a firm to manage, energy efficiency designs, construction inspection, construction management, and QC Management. Wingate is responsible for the oversight of all citizen concerns regarding streetlights and creating work orders to ensure the problems are resolved in a timely manner. As, well as creating weekly/monthly reports to track progress of outages, knockdowns, and new poles, the team is also, responsible for management of all restore outages organized by district, cleared the 311 system, and kept in contact with all inspectors to ensure the corrects assets were being addressed.
07/25 – ongoing	City of New Orleans – On Call Engineering Support Services (New Orleans, LA) – Construction Manager/Senior Inspector.. Wingate has been selected as one of only three firms to provide on-call engineering services to the City of New Orleans, chosen from a competitive field of 32 respondents. This highly selective award reflects the City’s confidence in Wingate’s technical expertise, local experience, and proven performance on complex public infrastructure programs. Under this citywide contract, Wingate will support capital improvement initiatives through task orders across multiple departments, providing flexible and rapid-response engineering services. The scope includes planning, design, and construction support for roadway, bridge, drainage, utility, and multimodal infrastructure projects, with close coordination alongside City agencies and partners to advance New Orleans’ long-term infrastructure goals.

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC			
Name	Marc Campbell		Years of relevant experience with this employer
Title	Construction Manager Senior Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities:		Construction Manager Senior Inspector Marc E. Campbell , is a senior construction management and inspection professional with more than 18 years of experience supporting transportation, roadway, and bridge-adjacent infrastructure projects for municipal, parish, and disaster recovery programs. His experience includes senior resident inspection, DOTD-style QA/QC oversight, contractor coordination, traffic control compliance, and field management on heavy civil projects involving roadway reconstruction, paving, ADA improvements, drainage, and subsurface utilities. Mr. Campbell brings a strong understanding of DOTD standards, traffic control requirements, and construction sequencing in active travel corridors, with a proven ability to maintain safety, quality, and schedule compliance on complex public infrastructure projects.	
Performs full-time field inspection and construction oversight to verify contractor compliance with plans, specifications, approved traffic control plans, and quality requirements. Maintains Daily Work Reports (DWRs), quantity tracking, material documentation, and coordination with the contractor and project team regarding field conditions and project progress.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/26 - ongoing	Broad Street Bridge Repairs – Traffic Control Plans (New Orleans, LA) – Construction Manager/Senior Inspector. Wingate Engineers provides traffic engineering design services for the Broad Street Bridge Repairs project under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. The team is responsible for developing Temporary Traffic Control (TTC) Plans to support girder repairs requiring lane closures and modifications to existing travel lanes and bicycle facilities. Services include preparation of phased traffic control plans in accordance with LADOTD standards and the Manual on Uniform Traffic Control Devices (MUTCD) to maintain safe and efficient traffic operations during construction. Wingate advances design deliverables through multiple phases while incorporating agency and client feedback. These efforts support safe construction access while minimizing disruption along a critical urban corridor.		
02/26- ongoing	Morrison Rd. Improvements Project (Mayo to Bullard) – Contract Administration and Resident Inspection Services (New Orleans, LA) – Construction Manager/Senior Inspector. Wingate Engineers provides resident inspection and contract administration services for the Morrison Road Improvements Project (Mayo to Bullard) under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. Responsibilities include full-time construction inspection to ensure contractor compliance with plans, specifications, and LADOTD standards. Wingate performs daily field oversight, quantity verification, and material testing documentation while maintaining project records and reporting through the Headlight system. The team also manages submittal reviews, RFIs, and coordination with the contractor and design team to support timely issue resolution and project continuity. These efforts support the delivery of roadway and drainage improvements along a critical transportation corridor.		
01/22-02/26	City of New Orleans – Joint Infrastructure Recovery Roadway (JIRR) Program - Construction Project Manager / Senior Resident Inspector. Provided construction management and senior inspection services for citywide transportation and utility projects, including asphalt and concrete paving, ADA ramps, drainage, and subsurface utilities. Led contractor coordination, pre-construction walkthroughs, MOT reviews, progress meetings, and substantial completion inspections while overseeing daily field operations, resolving constructability and utility conflicts, and ensuring compliance with DOTD-referenced standards, municipal specifications, traffic control requirements, and safety protocols.		
01/18- 12/21	FEMA Public Assistance & Hazard Mitigation Programs (Multiple Declarations) - PA Mitigation Specialist / Construction Oversight. Supported FEMA-funded transportation and infrastructure recovery projects by participating in site inspections, constructability reviews, and recovery scoping meetings. Assisted with development of mitigation strategies, scopes of work, cost estimates, and technical documentation to support compliant roadway and bridge-adjacent recovery improvements.		

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC			
Name	Montana Morris		Years of relevant experience with this employer
Title	Construction Manager Senior Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		AS 2022 Civil and Construction Applied Engineering Technology, AS 2021 General Studies	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities:		Construction Manager Senior Inspector Montana Morris, is a graduate from Delgado Community College. He is skilled in mechanics, and trade assistant. Mr. Morris skills include communication, management, and strategic planning. Mr. Morris has experience in inspections and demonstration mechanical aptitudes. Montana is excited to bring his skills to Wingate Engineers to offer his management, strategic planning and inspection regiments and delivery to the team. Successfully completed the DOTD Concrete certification coursework and written examination and is currently awaiting completion of the final field evaluation component for full certification.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/26 – ongoing	Morrison Rd. Improvements Project (Mayo to Bullard) – Contract Administration and Resident Inspection Services (New Orleans, LA) – Inspector. Wingate Engineers provides resident inspection and contract administration services for the Morrison Road Improvements Project (Mayo to Bullard) under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. Responsibilities include full-time construction inspection to ensure contractor compliance with plans, specifications, and LADOTD standards. Wingate performs daily field oversight, quantity verification, and material testing documentation while maintaining project records and reporting through the Headlight system. The team also manages submittal reviews, RFIs, and coordination with the contractor and design team to support timely issue resolution and project continuity. These efforts support the delivery of roadway and drainage improvements along a critical transportation corridor.		
11/24 – 3/26	Agriculture Street Landfill Redevelopment Resident Inspection (New Orleans, LA) – Construction Manager/Senior Inspector. The Mayor’s Office of Resilience and Sustainability works with city departments and agencies to advise on the strategic pursuit of comprehensive resilience priorities across environmental, social, economic, and infrastructural improvement goals. The Agriculture Street Landfill (ASL) is a soon to be City-owned property upon which the City is planning to build the City’s first Community Solar Park. As a sub-consultant to GEC, Wingate Engineers has been hired to perform all Resident Inspection Services as well as some Construction Management and Contract Administration Services to manage and monitor the demolition.		
03/24 – 07/25	Lake Vista Group D- Resident Inspection (New Orleans, LA) – Senior Resident Inspector. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface and subsurface works per DPW specifications and a strict schedule.		
02/21 – 04/24	Read Boulevard East Group F- Resident Inspection and Contract Administration (New Orleans, LA) - Senior Inspector. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface ad subsurface works per DPW specifications and a strict schedule.		

07/25 – ongoing	City of New Orleans – On Call Engineering Support Services (New Orleans, LA) – Construction Manager/Senior Inspector. Wingate has been selected as one of only three firms to provide on-call engineering services to the City of New Orleans, chosen from a competitive field of 32 respondents. This highly selective award reflects the City’s confidence in Wingate’s technical expertise, local experience, and proven performance on complex public infrastructure programs. Under this citywide contract, Wingate will support capital improvement initiatives through task orders across multiple departments, providing flexible and rapid-response engineering services. The scope includes planning, design, and construction support for roadway, bridge, drainage, utility, and multimodal infrastructure projects, with close coordination alongside City agencies and partners to advance New Orleans’ long-term infrastructure goals.
04/21 – 04/25	Marlyville Fontainebleau Group H - Resident Inspection and Contract Administration (New Orleans, LA) - Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Digital Engineering (Digital) to provide the City with professional inspection services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements. As a sub consultant to Digital, Wingate Engineers (Wingate) has been hired to perform resident inspection services as well as general monitoring and recordation services needed to reconstruction, restore, repair, enhance multiple subsurface and surface works and other incidental improvements in accordance with a strict schedule and DPW specifications.
08/23 – 04/24	Max Pave Phase II (New Orleans, LA)- Inspector. The City of New Orleans, through DPW and SWBNO, is partnering on a major infrastructure restoration project. DPW has contracted Wingate Engineers to supervise Fleming Construction in repairing nearly 1200 sites citywide. The project scope includes the identification and assessment of various sites, which drives the creation of a task order-based system for the contractor.
02/22 - 05/25	City of New Orleans Street and Area Lighting Asset Management (New Orleans, LA) - Inspector. The City of New Orleans Department of Public works contracted a firm to manage, energy efficiency designs, construction inspection, construction management, and QC Management. Wingate is responsible for the oversight of all citizen concerns regarding streetlights and creating work orders to ensure the problems are resolved in a timely manner. As, well as creating weekly/monthly reports to track progress of outages, knockdowns, and new poles, the team is also, responsible for management of all restore outages organized by district, cleared the 311 system, and kept in contact with all inspectors to ensure the corrects assets were being addressed.

16. Staff Experience:

Firm employed by: Wingate Engineers, LLC			
Name	Jorge Arreaga		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities:		Inspector Jorge Arreaga , has over a decade of experience in construction management and resident inspection services for site civil, public works construction, asset management, and residential construction sites.	
Performs full-time field inspection and construction oversight to verify contractor compliance with plans, specifications, approved traffic control plans, and quality requirements. Maintains Daily Work Reports (DWRs), quantity tracking, material documentation, and coordination with the contractor and project team regarding field conditions and project progress.		Successfully completed the DOTD Asphalt certification coursework and written examination and is currently awaiting completion of the final field evaluation component for full certification.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/26 – ongoing	Morrison Rd. Improvements Project (Mayo to Bullard) – Contract Administration and Resident Inspection Services (New Orleans, LA) – Inspector. Wingate Engineers provides resident inspection and contract administration services for the Morrison Road Improvements Project (Mayo to Bullard) under the Louisiana Department of Transportation and Development (LADOTD) and City of New Orleans. Responsibilities include full-time construction inspection to ensure contractor compliance with plans, specifications, and LADOTD standards. Wingate performs daily field oversight, quantity verification, and material testing documentation while maintaining project records and reporting through the Headlight system. The team also manages submittal reviews, RFIs, and coordination with the contractor and design team to support timely issue resolution and project continuity. These efforts support the delivery of roadway and drainage improvements along a critical transportation corridor.		
11/24 – 03/26	Agriculture Street Landfill Redevelopment Resident Inspection (New Orleans, LA) – Inspector. The Mayor’s Office of Resilience and Sustainability works with city departments and agencies to advise on the strategic pursuit of comprehensive resilience priorities across environmental, social, economic, and infrastructural improvement goals. The Agriculture Street Landfill (ASL) is a soon to be City-owned property upon which the City is planning to build the City’s first Community Solar Park. As a sub-consultant to GEC, Wingate Engineers has been hired to perform all Resident Inspection Services as well as some Construction Management and Contract Administration Services to manage and monitor the demolition.		
01/24 – 04/26	Treme – Lafitte Group D Emergency Response – Contractor Administration and resident Inspection (New Orleans, LA) – Resident Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Wingate Engineers (Wingate) to provide the City with contract administration; resident construction inspection and project close out services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements.		
03/24 – 07/25	Lake Vista Group D- Resident Inspection (New Orleans, LA)- Resident Inspector. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface and subsurface works per DPW specifications and a strict schedule.		

02/21 – 04/24	Read Boulevard East Group F- Resident Inspection and Contract Administration (New Orleans, LA) - Resident Inspector. The City of New Orleans DPW has contracted Wingate Engineers for professional inspection services to support JIRR construction projects aimed at city-wide infrastructure improvements. Wingate will conduct resident inspections, general monitoring, and recordation services for reconstruction, restoration, repair, and enhancement of various surface and subsurface works per DPW specifications and a strict schedule.
04/21 – 04/25	Marlyville Fontainebleau Group H- Resident Inspection and Contract Administration (New Orleans, LA)- Resident Inspector. The City of New Orleans Department of Public Works (DPW) has engaged Digital Engineering (Digital) to provide the City with professional inspection services to support the delivery of JIRR construction projects that fall within the city-wide infrastructure improvements. As a sub consultant to Digital, Wingate Engineers (Wingate) has been hired to perform resident inspection services as well as general monitoring and recordation services needed to reconstruction, restore, repair, enhance multiple subsurface and surface works and other incidental improvements in accordance with a strict schedule and DPW specifications.
07/25 - ongoing	City of New Orleans – On Call Engineering Support Services (New Orleans, LA) –Inspector. Wingate has been selected as one of only three firms to provide on-call engineering services to the City of New Orleans, chosen from a competitive field of 32 respondents. This highly selective award reflects the City’s confidence in Wingate’s technical expertise, local experience, and proven performance on complex public infrastructure programs. Under this citywide contract, Wingate will support capital improvement initiatives through task orders across multiple departments, providing flexible and rapid-response engineering services. The scope includes planning, design, and construction support for roadway, bridge, drainage, utility, and multimodal infrastructure projects, with close coordination alongside City agencies and partners to advance New Orleans’ long-term infrastructure goals.
08/23 – 04/24	Max Pave Phase II (New Orleans, LA) - Inspector. The City of New Orleans, through DPW and SWBNO, is partnering on a major infrastructure restoration project. DPW has contracted Wingate Engineers to supervise Fleming Construction in repairing nearly 1200 sites citywide. The project scope includes the identification and assessment of various sites, which drives the creation of a task order-based system for the contractor.
02/22 – 05/25	City of New Orleans Street and Area Lighting Asset Management (New Orleans, LA) - Inspector. The City of New Orleans Department of Public works contracted a firm to manage, energy efficiency designs, construction inspection, construction management, and QC Management. Wingate is responsible for the oversight of all citizen concerns regarding streetlights and creating work orders to ensure the problems are resolved in a timely manner. As, well as creating weekly/monthly reports to track progress of outages, knockdowns, and new poles, the team is also, responsible for management of all restore outages organized by district, cleared the 311 system, and kept in contact with all inspectors to ensure the corrects assets were being addressed.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	10
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988 / Civil Engineer	
Active registration number / state / expiration date			PE. 0025383 / LA 09/30/2027	
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Supervising Engineer for traffic signal inspection	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, Louisiana) Brin is the project manager for construction engineering and inspection services for the MovEBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included scheduling the inspectors, reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff.			
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals . Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.			
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Brin is the lead traffic engineer for the entire New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.			
07/19 – current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA) Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first Public-Private-Partnership performed by DOTD.			
09/20 – 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA) Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses . The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.			
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street . From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.			
04/14 – 12/14	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA) As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost			

	estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals . She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as all items on the EBR project closeout checklist.
07/08-09/09	SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA) Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals . She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA) Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout . Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA) Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate . This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA) Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Kristen Farrington, PE, PTOE, RSP1		Years of relevant experience with this employer
Title	Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2014 / Civil Engr.		
Active registration number / state / expiration date	PE.0042074 / LA / 3/31/2027		
Year registered	2018	Discipline	Civil
Contract role(s) / brief description of responsibilities	Assistant Project Engineer for signal and ITS inspection		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Kristen provided construction engineering and inspection services for the MovEBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff. She reviewed shop drawing submittals, updated plan markups based on field conditions, and participated in regular project and biweekly coordination meetings to ensure design intent, constructability, and documentation accuracy throughout the project.		
12/24- current	University Lakes Restoration (Baton Rouge, LA) Kristen provided construction assistance services for the University Lakes Traffic Signal project. Her responsibilities included reviewing signal plans and confirming proposed pole locations, reviewing shop drawing submittals, and coordinating with contractors, consultants, and City staff.		
04/21 – 4/24	CP No. 16 CI-US-0032 Bus Rapid Transit Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
04/21 - Current	CP No. 16 CI-US-0032 Bus Rapid Transit Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
5/21 - Current	H.013267 Capital Area Pathways Project / Downtown to Scotlandville Parkway Trail Safety Enhancement Study and Pedestrian Hybrid Beacon Design (Baton Rouge, LA) Kristen served as a project engineer to evaluate the recommended street crossing treatments of the trail at eight locations, including three state routes which required DOTD approval. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Upon completion of the study, Kristen designed the PHBs at four (4) crosswalk locations. Once bid, Kristen provided construction assistance, responding to requests for information from the contractor.		
12/23-Current	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Kristen served as project engineer for the design study and assisted with Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid		

	Beacon project, including evaluation of existing conditions, assisting with design, and agency compliance across multiple phases. Responsibilities included: evaluation of existing sight distance, traffic volumes, and spot speed study results to develop recommendations for the safe crossing of pedestrians at this location. She also developed preliminary drawings of crosswalk location based on available right-of-way, assisting with quality control of signal design submittals including equipment, signs, and quantities. Kristen reviewed and submitted shop drawing packages for traffic signal equipment.
7/2022 – 6/2025	I-20: LA 544 Overpass Replacement (Ruston, LA) Kristen served as a project engineer for the development of the Transportation Management Plan for the I-20: LA 544 Overpass Replacement project, as well as the temporary signal design at two (2) locations for seven (7) phases of construction. Kristen assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Ronald St. Angelo		Years of relevant experience with this employer
Title	Senior Technician		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma / 1975	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Senior-level Construction Specialist for traffic signals, lighting, and ITS	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/25 - Current	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Ronnie contributed to Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon installation, supporting coordination, documentation, and agency compliance across multiple phases. Responsibilities included: - Participating in preconstruction meetings and coordinating with EBR TED, consultants, and contractors on shop drawing reviews, pole relocation, and drainage concerns. - Reviewing and submitting shop drawing packages, including mast arm, luminaire, and concrete mix designs, while tracking submittal statuses and outstanding items in E-builder. - Collaborating with project stakeholders to troubleshoot field issues such as mast arm placement, curb revisions, and sight distance limitations due to median vegetation. - Preparing redlines and plan revisions for the contractor, updating field book entries, and validating revised quantities and pay items for agency submission. Conducting field visits to observe contractor work and ensure constructability, design intent, and documentation throughout the project sequence.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Ronnie provided technical assistance in the field for the Construction Engineering and Inspection of 24 traffic signals. Ronnie assisted with the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Ronnie along with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.		
06/23 - Current	EBR Direct Select Signal Design Phases 1 & 2 (Baton Rouge, LA) Ronnie’s work focused on reviewing and refining signal plans, ensuring all comments and changes were addressed. Responsibilities included developing accurate cost estimates, checking quantities, and working on the signal budget. Ronnie coordinated phasing and splits, discussed power and cabinet locations, and verified plan details through multiple reviews. Field activities involved site visits to inspect ITS cabinets, take quadrant photos, and locate the fiber junction box at Bluebonnet and Celtic. These efforts ensured proper planning, accurate budgeting, and readiness for implementation.		
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Ronnie is responsible for coordinating and executing tasks related to traffic signal design, fiber optic infrastructure, and city standard details for transportation projects. This includes field inspections of fiber in junction boxes and cabinets at multiple locations such as Bluebonnet, Floyndell, Perkins corridors, and other designated sites to verify fiber type and routing. Ronnie collaborates extensively with stakeholders including EBR TED, City BR representatives, DOTD, and contractors to review and update traffic signal plans, pole foundation layouts, and equipment specifications. Duties involve preparing and marking up signal phasing plans, updating pay item lists, and ensuring compliance with city and DOTD standards. Ronnie also participates in meetings to resolve technical issues related to signal pole clearances, luminaire integration, controller cabinet configurations, and pedestrian crossing layouts. Additional responsibilities include reviewing shop drawings, documenting existing trunk lines, and providing input on standard detail revisions for traffic signals and street lighting systems.		
04/20 - Current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Ronnie is responsible for reviewing temporary traffic signal plans to ensure accuracy and compliance, which has been done multiple times throughout the project. In addition to plan reviews, Ronnie worked on laying out mast arms for the permanent signal and configuring temporary signal strain poles. Coordination has been a key part of the process, involving collaboration with Reece to address design and implementation details. Ronnie also engaged with the contractor to		

	monitor drilling operations for mast arm foundations and confirm scheduling for drill shafts and concrete pours. These efforts aim to maintain traffic safety and ensure timely installation of both temporary and permanent signal systems.
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Ronnie is responsible for coordinating and overseeing field and office activities related to signal and streetlight installation for the BRT and corridor improvement projects. Duties include conducting field visits for pole stakeouts, verifying utility conflicts, and laying out pole and signal foundations at multiple intersections along Plank Road and Florida Boulevard. Ronnie manages redlining of intersection drawings, tracks changes, and updates signal quantities based on site conditions. He facilitates bi-weekly meetings, communicates with contractors, utility companies, and manufacturers, and ensures compliance with specifications for pole submittals and foundations. Additional responsibilities include logging daily contractor work, resolving right-of-way and utility relocation issues, and reviewing pay quantities and revised plans. Ronnie plays a key role in coordinating with project stakeholders to address design adjustments, utility conflicts, and installation challenges to maintain project timelines and quality standards.
02/03 – 04/23	Jack B Harper Electrical, LLC (Walker, LA) Ronnie specialized in programming traffic signal controls / ITS equipment and troubleshooting construction issues in the field such as utility conflicts and traffic signal issues. He was a project manager for numerous traffic signal related projects and oversaw a team of field technicians for signal related construction projects. He was an estimator for bidding traffic signal / ITS equipment projects. Ronnie worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal / ITS projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, Ronnie worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Ronnie read and interpreted construction plans to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.
07/75 – 01/03	East Baton Rouge Traffic Engineering Division Ronnie was a certified IMSA Level 1 & 2 Technician while employed at the City of Baton Rouge. Ronnie performed numerous construction tasks in relation to traffic signals within East Baton Rouge Parish. Construction included traffic signal poles, signal heads, signal wiring, vehicle detection, traffic signal controller / cabinet power service. In the earlier part of his career, the traffic signal controllers consisted of mechanical parts. As time progressed, the controller evolved to steady-state technology. In addition, Ronnie performed traffic signal tasks related to maintenance after damage from collisions or extreme weather. While employed in the city, Ronnie was tasked with maintaining over 300 signals that included DOTD intersections. Ronnie started his career at the City of Baton Rouge as a Technician, then Traffic Signal Technician, then Foreman and finally a supervisor. Ronnie was also responsible for programming traffic signal controllers while at the City.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	David Watkins		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma / 1978	
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		IMSA Level 2 Senior-level Construction Specialist for traffic signals, lighting, and ITS	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) David performed comprehensive field and office activities focused on power and signal service pole installations along Florida Street, Plank Road, and adjacent intersections. Key tasks include staking out pole foundations, inspecting and photographing power service poles, and coordinating with utility providers and contractors (ATT, Entergy, Gas, Hard Rock, Jack Harper Electric). Field operations covered drilling and forming 30"–48" diameter foundations, resolving utility conflicts (water, gas, fiber), and monitoring concrete pours. Office duties included downloading and labeling photos, updating daily logs, and reconciling quantities for mast arms and foundations. Coordination meetings with team members ensured accurate reporting and scheduling. Work spanned multiple intersections such as Florida St at 22nd, North St, Fuqua St, Pawnee/Fairfield, Chippewa St, Mohican St, Lorraine St, and Dawson St, with activities ranging from utility checks to final foundation installations.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) David participated in multiple site and field activities focused on final inspections and verification tasks. Responsibilities included conducting Final Inspection Field Visits, assisting in the development of detailed punch lists, and performing final field verification to ensure compliance with project specifications. Additionally, David supported fiber inspection, track sampling, and reviewed test results during site visits to confirm installation quality and adherence to standards. These efforts were critical in preparing the project for closeout and ensuring all outstanding issues were identified and addressed before final acceptance.		
06/23 – 08/23	H.011507.1 Monroe Phase 3 SEA David spent several days in Monroe conducting field verification and documentation tasks. The primary responsibilities included photographing control cabinets and traffic signal installations to ensure accurate visual records. While David focused on capturing and organizing photographic documentation. After completing the site work in Monroe, David returned to the Baton Rouge office, finalized photo transfers. These activities supported quality assurance and project closeout requirements.		
11/06 – 02/23	Jack B Harper Electrical, LLC (Walker, LA) David worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, David worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Read and interpreted blueprints to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.		
03/01 – 10/06	Dave's Electric (Denham Springs, LA) David conducted electrical work on numerous residential and commercial job assignments. He was responsible for installing all wiring and electrical components as directed by site blueprints; installed all circuits and electrical items during multi-phased construction projects (i.e rough-in; trim-out); conducted final walk-through inspection; completed punch list items as required. David was also assigned as site lead during most job assignments.		
01/96 – 04/01	Diamond Electric Company, Inc. (Baton Rouge, LA) David performed duties as a Traffic Signal Technician Level I that included technical work in the construction, installation, maintenance, and repair of traffic signal systems. David also developed the ability to read		

	and interpret blueprints during this time. Maintained electrical experience while working on roadways requiring traffic control. David also performed technical tasks to maintain and install all traffic signals, signal systems, signs, and associated traffic equipment. He delivered and set-up barricades for work zones, detours, and other areas in need of barricades; assisted with traffic control as needed. David performed related technical tasks; worked with contractors on the installation and relocation of traffic signals and components.
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16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Gustavo Clavijo		Years of relevant experience with this employer	3
Title	Data Collection Manager		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			B.S./ 2011/ Business Administration	
Active registration number / state / expiration date				
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			IMSA Level 1 / Data Collection Project Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/25 – 07/25	Driftwood LNG Data Collection (Lake Charles, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts, 93 approach counts and 33 turning movement counts with unmet demand. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
08/24 – 12/24	Monroe Street Corridor Study (Mandeville, LA) Gustavo scheduled and managed the traffic data collection efforts for 16 7-day classification counts and 30 turning movement counts with field observations. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
6/24 – 04/25	City of New Orleans Speed Management Program (New Orleans, LA) Gustavo scheduled and managed the traffic data collection efforts for this contract which included 48-hr speed studies for 60 segments throughout the City of New Orleans. Gustavo assisted in the equipment set-up/tear-down as well as the post processing of all radar sensor data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
11/23 – 01/24	Traffic Impact Study for Waste Site (Lake Charles, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts and 14 turning movement counts. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
11/23 – 01/24	Distribution Center Traffic Impact Study (Elmwood, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts and 9 turning movement counts. Gustavo assisted in field observations as well as the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
9/23 – 01/24	US 190B /Fremaux Ave. Sidewalk Feasibility Study (Slidell, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts, 2 7-day ped and bike counts, 6 turning movement counts, 3 turning movement counts with demand and 3 radar spot-speed survey. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.			
12/22 – 12/22	I-10 Calcasieu River Bridge (Lake Charles, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside WSP engineers to conduct the traffic data collection effort. Gustavo directly scheduled and managed the field collection efforts on two separate occasions for 54 7-day classification mainline and ramp counts. Gustavo ensured that all collection efforts were completed within budget and on schedule.			

08/22 – 11/22	Ardenwood Dr Traffic Counts (Baton Rouge, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside Neel-Schaffer engineers to conduct the traffic data collection effort. Gustavo directly scheduled and managed the field collection efforts for 4 7-day classification counts, 25 48-hr classification counts, and 24 driveway counts. Gustavo ensured that all collection efforts were completed within budget and on schedule.
11/21 – 12/21	US 190 Traffic Counts (Mandeville, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside Neel-Schaffer engineers to conduct the traffic data collection effort for 29 48-hr classification counts; 20 6hr turning movement counts, 94 driveway counts and 2 radar spot-speed surveys. Gustavo ensured that all collection efforts were completed within budget and on schedule.

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)		123
Services completed by this firm (mm/yy)	04/26	Cost of consultant services provided by this firm (\$1,000's)		123

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.

Our experience with this project and other similar projects provides insight into the common construction challenges faced by the Contractor for pedestrian crossing, curb ramp, and sidewalk projects, such as coordination with impacted residents and businesses, significant elevation changes requiring modifications to curb ramp designs and sidewalk tie-in locations, excessive driveway slopes requiring partial driveway replacement to maintain ADA compliance, and sequencing crosswalk installation to minimize disruptions to traffic. This experience helps us efficiently identify and address potential issues early on during construction, which minimizes the potential for costly delays and change orders and helps ensure that the work complies with ADA.

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



HORIZON ENGINEERING, LLC

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Signal Upgrade: Sgt Alfred Dr @ Cleveland (CE&I)			Firm responsibility (prime or sub?)		Prime
Project number	H.014737.6	Owner's name	City of Slidell (LaDOTD LPA project)			
Project location	Slidell, Louisiana			Owner's Project Manager	Christi Lambertson	
Owner's address, phone, email		250 Bouscaren St, Slidell, LA 70458 / (985) 646-4270 / clambertson@cityofslidell.org				
Services commenced by this firm (mm/yy)		09/25	Total consultant contract cost (\$1,000's)			137
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			124

The Signal Upgrade: Sgt Alfred Dr @ Cleveland project will replace the existing wire mounted traffic signals and install new **crosswalks and pedestrian signals**, which will improve traffic flow, decrease maintenance costs, and improve pedestrian and bicyclist safety. Horizon is currently providing construction engineering and inspection services for the project.

Our experience with this project and other similar projects provides insight into the common construction challenges faced by the Contractor for pedestrian signal projects, such as coordinating with impacted public and private utilities to address conflicts during conduit and foundation installation, relocating signal foundations to address such conflicts and adjusting pole details accordingly, managing construction schedules to accommodate long lead times for traffic signal controller equipment and poles, and sequencing crosswalk installation to minimize disruptions to traffic. This experience helps us efficiently identify and address potential issues early on during construction, which minimizes the potential for costly delays and change orders and helps ensure that the work complies with ADA.

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

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.

Firm Members Involved: Brett Liuzza, Ben Bartlett, Collin Gillen, John Karlin, Paul Beaulieu, Jeff Puissegur, Keith Schulz, and Jack Burnett

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Fortune Road Pavement Preservation (CE&I)				Firm responsibility (prime or sub?)	Prime
Project number	H.012868.6	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)				78
Services completed by this firm (mm/yy)	02/26	Cost of consultant services provided by this firm (\$1,000's)				78

The Fortune Road Pavement Preservation project milled, patched, and overlaid approximately 1.1 miles of the existing asphalt road and installed new pavement markings. Horizon provided construction engineering and inspection services for the project.

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	University Avenue Corridor Improvements (CE&I)				Firm responsibility (prime or sub?)	Prime
Project number	H.016393.6	Owner's name	Lafayette City Parish Consolidated Government (LaDOTD LPA project)			
Project location	Lafayette, Louisiana			Owner's Project Manager	Travis Smith	
Owner's address, phone, email	101 Jefferson St, Ste 202, Lafayette, LA 70501 / (337) 291-8506 / tsmith@lafayettela.gov					
Services commenced by this firm (mm/yy)	04/26	Total consultant contract cost (\$1,000's)			891	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			512	

The University Avenue Corridor Improvements project will mill, patch, and overlay approximately 1.8 miles of the existing asphalt road and intersecting roads and install new pavement markings. The project will also improve pedestrian facilities along the corridor and at the University Ave./Cameron St. intersection by installing new **ADA compliant curb ramps, sidewalks, high visibility crosswalks**, and a railroad crossing; install street and pedestrian lighting; and install landscaping and irrigation systems. Horizon is currently providing construction engineering and inspection services for the project.

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

17. Firm Experience:

Firm name	Wingate Engineers, LLC		Discipline(s)*	CE&I/OV
Project name	Morrison Rd. Improvements – Contract Administration & RI			Firm responsibility (prime or sub?) Sub
Project number	State Contract No. H.012370	Owner's name	Louisiana Department of Transportation & Development (LADOTD) and The City of New Orleans Department of Public Work (CNO-DPW)	
Project location	New Orleans, LA		Owner's Project Manager	Avis Gaines, P.E., CACM
Owner's address, phone, email	601 Poydras St Suite 1530, New Orleans, LA 70130 504-872-3011 againes@hntb.com			
Services commenced by this firm (mm/yy)	Est. 4 th Quarter 2027	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	Est. 4 th Quarter 2027	Cost of consultant services provided by this firm (\$1,000's)		\$ 344



Wingate is providing **Construction Engineering and Inspection (CE&I)** and **contract administration services** for the Morrison Road Improvements Project (Mayo to Bullard), serving as a subconsultant to HNTB. The project includes **roadway rehabilitation, drainage improvements, utility coordination, pavement restoration, and associated infrastructure upgrades** along a heavily traveled urban corridor in accordance with **LADOTD standards and procedures**. Construction activities are occurring within an active transportation corridor requiring continuous coordination to maintain traffic operations and safe public access throughout construction.

Wingate performs **full-time field inspection** to ensure contractor compliance with **contract documents, LADOTD specifications, approved traffic control plans, and quality requirements**. Particular emphasis is placed on maintaining safe conditions for both vehicular and pedestrian traffic throughout all phases of construction, including **protected pedestrian routes, safe crossings, ADA-compliant access, and proper work zone separation**. Wingate routinely monitors **traffic control implementation, temporary lane closures, signage placement, and construction sequencing** to minimize disruptions to the traveling public while maintaining project safety and mobility.

Inspection services include **Daily Work Reports (DWRs), verification of installed quantities, coordination of material sampling and testing, and monitoring contractor progress, quality control activities, and construction safety compliance**. Project documentation, including **RFIs, submittals, pay quantities, schedules, and change orders**, is managed through **LADOTD systems such as HeadLight** to support reporting, project tracking, and **pay estimate preparation**. Wingate also coordinates with utility representatives and stakeholders to address field conflicts and support timely resolution of project issues. Through proactive coordination with HNTB, the contractor, and DOTD personnel, Wingate supports **safe, compliant, and efficiently administered project delivery** within a complex urban construction environment.

17. Firm Experience:

Firm name	Wingate Engineers, LLC		Discipline(s)*		CE&I/OV, Road	
Project name	Treme Lafitte Group D– Contractor Administration and Resident Inspection (Emergency Response)				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner’s name	City of New Orleans Department of Public Works			
Project location	New Orleans, LA			Owner’s Project Manager	Jahan Aghakasiri	
Owner’s address, phone, email	1300 Perdido St. #6W03, New Orleans, LA 70112 504-658-8000 jahan.aghakasiri@nola.gov					
Services commenced by this firm (mm/yy)		4/2026	Total consultant contract cost (\$1,000’s)			\$140
Services completed by this firm (mm/yy)		N/A	Cost of consultant services provided by this firm (\$1,000’s)			\$140



Wingate Engineers provided Construction Engineering and Inspection (CE&I) and contract administration services for the Treme-Lafitte Group D Emergency Response project for the City of New Orleans Department of Public Works (DPW). The project included expedited roadway, pavement, and utility improvements within an active urban environment requiring continuous access for residents and pedestrians.

Wingate performed full-time resident inspection services, conducting daily oversight of contractor operations to ensure compliance with plans, specifications, and City standards. A key component of this role included monitoring traffic control implementation to maintain safe pedestrian and vehicular access throughout construction, including temporary pedestrian pathways, ADA-compliant access, and proper work zone separation in accordance with MUTCD and applicable standards.

Contract administration services included managing RFIs, reviewing and tracking submittals, facilitating progress meetings, and supporting change order development through independent cost estimates and analysis. Wingate also reviewed contractor schedules and coordinated with stakeholders to address field conditions and maintain project progress.

Inspection responsibilities included daily documentation through Daily Work Reports, verification of installed quantities, and coordination of material testing and quality assurance activities. Through proactive coordination and structured field oversight, Wingate supported safe, compliant, and efficient project delivery.

17. Firm Experience:

Firm name	Wingate Engineers, LLC		Discipline(s)*	CE&I/OV
Project name	Lake Vista Group D (FRC) – Resident Inspection Services			Firm responsibility (prime or sub?) Prime
Project number	RR076	Owner's name	City of New Orleans Department of Public Works	
Project location	New Orleans, LA		Owner's Project Manager	Ehab Alzoubi
Owner's address, phone, email	1300 Perdido St. #6W03, New Orleans, LA 70112 504-658-8000 ehab.alzoubi@nola.gov			
Services commenced by this firm (mm/yy)	7/2025	Total consultant contract cost (\$1,000's)		\$210
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm (\$1,000's)		\$210



Wingate Engineers served as the prime consultant providing full-time **Construction Engineering and Inspection (CE&I)** services for the Lake Vista Group D (FRC) infrastructure improvement project for the City of New Orleans Department of Public Works (DPW). The project included **roadway rehabilitation, drainage improvements, waterline replacement, pavement restoration, and surface infrastructure enhancements** within an active residential area requiring continuous access for residents, pedestrians, and local traffic throughout construction activities.

Wingate performed **daily inspection of contractor operations** to verify compliance with contract plans, specifications, approved materials, and applicable City standards. Inspection efforts included oversight of **sidewalk reconstruction, ADA-compliant curb ramps, driveway access, pavement replacement, and pedestrian pathways**, ensuring safe and continuous pedestrian mobility throughout all phases of construction. Wingate routinely monitored **traffic control implementation, temporary lane closures, signage placement, and work zone safety measures** to maintain safe conditions for both vehicular and pedestrian traffic in accordance with MUTCD requirements and established construction safety practices.

Responsibilities included maintaining detailed construction documentation such as **Daily Work Reports (DWRs), quantity tracking, material testing coordination, field records, and contractor progress documentation**. Wingate verified installed quantities for pay applications and monitored contractor progress, quality control activities, and construction safety compliance throughout the duration of the project. Additional responsibilities included coordination with the contractor, design engineer, utility representatives, and City personnel to address field conditions, resolve construction conflicts, and support timely project delivery. Through proactive field oversight and structured documentation practices, Wingate supported a **safe, compliant, and efficiently administered CE&I program** while maintaining adherence to project schedules and quality requirements.



17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	EBR Computerized Traffic Signal, PH VB	Firm responsibility (prime or sub?)	sub
Project number	H.007160	Owner's name	DOTD
Project location	East Baton Rouge	Owner's Project Manager	Desmond Sam, PE
Owner's address, phone, email	8100 Airline Highway, Baton Rouge, LA 70815, (225) 231-4123, Desmond.Sam@LA.GOV		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost (\$1,000's)	603.989
Services completed by this firm (mm/yy)	current	Cost of consultant services provided by this firm (\$1,000's)	93.368

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Vectura is a sub-consultant to provide traffic signal equipment inspection for 24 traffic signals under the following scope:

- Signal Equipment Inspection (2 visits per intersection), Tracking the Sampling and Testing of required Traffic Signal Materials / Attend and Review Fiber Optic Test Results
- Coordinate Review and Approval of all Shop Drawings
- Provide Traffic Signal Support Services / Troubleshoot traffic signal equipment related problems such as foundation / utility conflicts / Field visits (10 months)
- Assist in preparing Change Orders for DOTD / City Parish (2 Separate Forms)
- Attend Monthly Progress Meetings Assist with Monthly Progress Meeting Agenda & Minutes (10)
- Compile As-built Plans from Contractor
- Final Inspection Field Visit to all intersections / Assist with developing punch list / Final Field Visit verification

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Reece Rodrigue (100% performed in Louisiana)

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	ITS
Project name	I-110 ITS Deployment SEA	Firm responsibility (prime or sub?)	sub
Project number	H.013261.1-1	Owner's name	DOTD
Project location	Baton Rouge, LA	Owner's Project Manager	Alaa Shams
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1497 alaa.shams@la.gov		
Services commenced by this firm (mm/yy)	09/18	Total consultant contract cost (\$1,000's)	unknown
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)	\$16.363

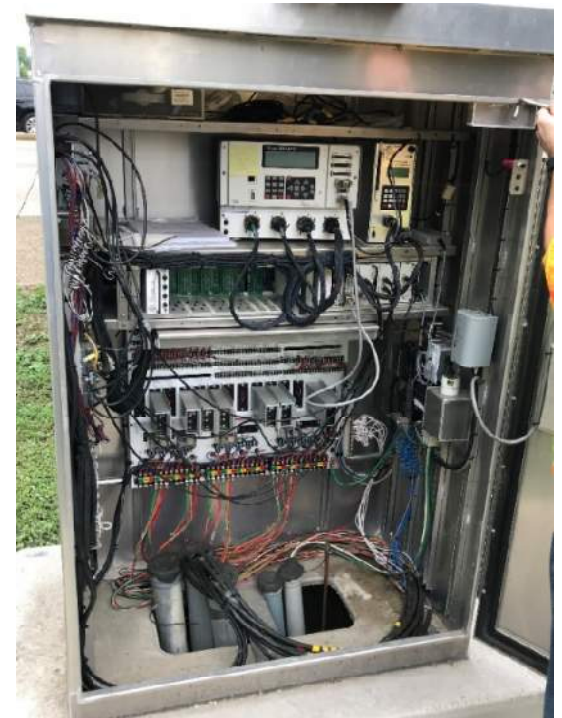
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Vectura provided an Alternatives Analysis Configuration and Procurement Analysis as part of a System Engineering Analysis (SEA) for I-110 CCTV Cameras and DMS deployment to comply with Code of Federal Regulations (CFR), Title 23, 940.11.

The alternative analysis consisted of a field visit along the I-110 corridor to examine CCTV and DMS locations. As part of the field visit, drones were flown at the proposed heights of the CCTV's and DMS's to determine if any sight line issues were present. Also included in the site visit was the evaluation of connecting three pump stations and traffic signals to the proposed fiber optic line. Three possible project configurations were developed for this task along with pros and cons of the needed equipment and communication options.

Vectura also investigated the methods of procurement for the deployment project. Procurement options were documented with the identification of the pros and cons for each method.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert and Bridget Robicheaux (100% performed in Louisiana)



17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Traffic Signal Construction Inspections Services Bus Rapid Transit	Firm responsibility (prime or sub?)	prime
Project number		Owner's name	City of Baton Rouge
Project location	Baton Rouge, LA	Owner's Project Manager	Cyndi Pennington, PE
Owner's address, phone, email	3773 Harding Blvd, Baton Rouge, LA 70807 (225) 389-5155 cpennington@brla.gov		
Services commenced by this firm (mm/yy)	09/24	Total consultant contract cost (\$1,000's)	unknown
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)	\$393.125

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Vectura provides construction engineering and inspection for 19 traffic signals as part of the bus rapid transit (BRT) project in Baton Rouge. Vectura participated in the coordination before the Blessing of the Poles focused on preparing for field activities and ensuring all stakeholders were aligned on requirements for the BRT corridor improvements. Initial discussions included evaluating mounting options with Pelco for streetlights, comparing strap-on versus fixed mounts, and confirming logistics for the Blessing of the Poles ceremony with Ronnie and Kristen. Communication with East Baton Rouge (EBR) was essential to review traffic signal power service details and shop drawings. Field operations involved multiple pole stakeouts and layout of foundations at intersections along Florida Street, North Street, Fuqua Street, and Plank Road, including Lorraine, Mohican, Chippewa, and Pawnee/Fairfields. These activities required verifying utility markings, coordinating Dottie One Calls, and adjusting layouts to avoid conflicts with existing infrastructure. Plans were marked up with notes from the blessing event, and intersection drawings were redlined to track changes. Coordination calls with Stantec, HNTB, and city representatives addressed issues such as concrete mix design, anchor bolt approvals, and mast arm layout options. Challenges included relocating poles and controller cabinets due to ATT vaults, overhead power lines, and water line conflicts, which required Hydro Vac operations and schedule adjustments. Construction activities progressed with drilling and forming 24-inch and 30-inch foundations, pouring concrete, and documenting quantities for city and state intersections. Throughout the process, daily logs were maintained, and inspection reports were updated to reflect progress. The outcome was successful coordination of ceremonial and technical tasks, ensuring compliance with design standards and maintaining the project schedule for BRT improvements.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert and Bridget Robicheaux (100% performed in Louisiana)

18. Approach and Methodology:

State Project No. H.015487 (NOLA Ped Safety Impr – Phase 2) will improve 55 heavily trafficked intersections throughout downtown New Orleans (primarily in the CBD between Poydras St. and US 90/Earhart Blvd./Calliope St.) by installing new ADA compliant curb ramps, sidewalks, high visibility pavement markings, pedestrian signals, signage, median islands, and other associated features. These infrastructure improvements will have a positive impact on the community by improving pedestrian safety and access to residential and commercial properties, particularly for tourists who may not be familiar with the area. Horizon Engineering, LLC (Horizon) has already visited the project site, reviewed the plans, and identified the following challenges that will need to be addressed during construction to deliver a successful project.

1. SAFETY

The work areas are at busy intersections; therefore, it is critical that the Contractor properly delineate and secure the work zone (including outside of work hours) and maintain safe operations in the presence of pedestrians. Throughout each work shift, Horizon will inspect the work zone to ensure that any unsafe conditions, such as exposed rebar or unsecured open signal foundation excavations, are corrected immediately by the Contractor. The Contractor's vehicles, equipment, and other obstructions should be positioned to maintain pedestrian and motorist sight lines to the greatest extent practicable. Horizon will notify the Contractor if visibility is reduced or pedestrians appear to have difficulties safely crossing the road at temporary detours so that necessary adjustments can be made.

2. COORDINATION

Coordination with DOTD District 02, City of New Orleans, Contractor, Engineer of Record, and other affected stakeholders (e.g., local businesses)

will be critical to ensure that all project team members are on the same page. Although this contract will be held by DOTD since some of the work areas are along state or federal routes, many aspects will be similar to a LPA project and coordination with City of New Orleans will be necessary since large portions of the work are on local routes and/or involve City of New Orleans standard details and requirements. Horizon's office is less than 15 minutes from each intersection and our personnel will always be available to respond to DOTD and City of New Orleans' needs. Our Team includes Wingate, a trusted partner of the City of New Orleans who was one of only three firms selected out of 32 to provide On-Call Engineering Support Services to the City. Additionally, Horizon and Wingate will work together on the City of New Orleans' Flashing Beacons Upgrades project, which will improve school zone safety and is very similar to this project in that it involves many different work areas spread out throughout the city.

Our personnel have worked on many DOTD District 02 projects, including similar pedestrian facility improvement projects such as H.014049 – St. Bernard Pedestrian Improvements. We have a longstanding relationship with City of New Orleans and have worked with all the major project team members, including City of New Orleans; DOTD District 02; and Engineer of Record (Digital Engineering), which will facilitate seamless coordination throughout the project. Our experience working with the Engineer of Record will facilitate effective communication and coordination and allow any necessary field and plan changes to be addressed quickly and avoid delays to construction. Our staff is local and fully understands not only the project area but also the community's needs and concerns. We have a personal connection to our work and will be

extremely invested in the success of this project. If requested, we can assist City of New Orleans with public outreach related to the project.

3. SIDEWALK AND CURB RAMP SLOPES

Common design issues include excessive curb ramp, driveway, and sidewalk slopes affecting ADA compliance (often due to lack of survey data), failure to consider obstructions and other potential conflicts during the design phase, and poor sequencing of construction. Horizon will provide adjustments as necessary to accommodate field conditions while ensuring that curb ramps properly tie into existing sidewalks and slopes are within ADA requirements. Some of the existing sidewalks are deteriorated and may have excessive slope, which could require them to be partially or fully reconstructed to achieve ADA compliance. Horizon will work with the Contractor to identify these locations well in advance of the start of construction. If requested, Horizon will coordinate with DOTD, City of New Orleans, the Engineer of Record, and the Contractor to redesign (or design) the curb ramps and sidewalks at these locations to ensure that they are ADA compliant and prepare and process any necessary change orders prior to the start of construction to avoid delays during construction.

4. CONSTRUCTION QUALITY

At most of the intersections, portions of the road are specified to be removed and replaced within the crosswalk limits. The quality of construction of an asphalt road has a major impact on its durability, longevity, and rideability. Two common factors that must be considered are:

- Potholes and other similar localized failures typically occur due to underlying base issues, such as inadequate drainage.
- Delamination, slippage, and other similar bond failures typically occur due to poor

adhesion between the overlay and underlying asphalt.

Horizon will inspect the condition of the existing base to determine if additional base material and/or compaction is required. At the interface between existing and new asphalt, Horizon will inspect the existing asphalt surface to ensure that it is dry and has been adequately roughened and cleaned to remove debris and other bond-inhibiting contaminants. Horizon will also ensure that the interface between existing and new asphalt is smooth and does not produce dips or bumps that would have a negative impact on rideability.

5. POTENTIAL CONFLICTS

The project area has many potential conflicts, including highly congested buried utilities and subsurface drainage. The existing conditions sheets in the plans identify underground electric, water, gas, and telecommunications; however, they do not appear to identify subsurface drainage and other potential utilities such as sewer that could potentially conflict with the work. Horizon will emphasize to the Contractor the importance of careful operation of equipment, especially during removal and jacking and boring operations, to avoid damaging existing utilities. Additionally, Horizon will monitor the Contractor's jacking and boring operations to ensure that existing utilities are not damaged, and if they are encountered, coordinate field modifications to ensure that ADA compliance is maintained (e.g., if a pole must be relocated, the signal button must remain within reach for pedestrians).

6. MAINTENANCE OF TRAFFIC

A well-designed sequence of construction and temporary traffic control plan will be required to minimize disruptions to the public, likely including night work. The Contractor will not be permitted to block access to pedestrian facilities without providing temporary access along the

project corridor and intersections. Horizon will assist the Contractor, DOTD, and City of New Orleans with notifying impacted businesses and residents of the anticipated start date, duration, and impacts of the work and issuing timely lane/road closure notices. The temporary traffic control plan will need to be coordinated not only with other intersections that are part of this project, but also with other unrelated projects occurring throughout the city. Horizon will monitor the concurrent work areas and other projects to ensure that detours are properly coordinated and compounding traffic issues are avoided. Horizon will inspect the temporary traffic control signs and devices to ensure that they are correctly implemented, monitored, and maintained and notify the Contractor if any deficiencies are observed that could lead to motorist, pedestrian, and/or bicyclist confusion. During major events, such as Saints games, concerts, and conventions, adjustments may need to be made to alleviate traffic issues.

7. EXISTING TRAFFIC SIGNALS

Some of the intersections have existing traffic signals; therefore, the pedestrian signals will need to be integrated into the existing traffic signal control cabinets. Horizon will document the preconstruction condition of the traffic signal control cabinets to ensure that existing wiring is reinstalled correctly. Additionally, if existing signals need to be temporarily removed or taken out of service to facilitate installation of the pedestrian signals, Horizon will ensure that temporary measures, such as stop signs, are implemented.

STAFFING PLAN

The project includes 55 intersections; therefore, the Contractor could choose to work at multiple intersections simultaneously. As such, our Team includes many primary and backup inspectors and technicians to ensure that adequate staffing levels are provided to accommodate the Contractor's

manpower allocation, construction schedule, work hours, and other similar factors. Depending on the number of concurrent work locations, the staffing levels shown in Sections 13 and 14 can be reduced as well.

CE&I SCOPE OF WORK

Horizon fully understands the scope of work and will complete all 30 tasks listed in Attachment A of the Advertisement in accordance with project specific requirements, such as the Special Provisions and Sampling Plan, and applicable DOTD standards, procedures, and requirements, such as Consultant Contract Services Manual, Local Public Agencies Manual, Construction Contract Administration Manual, Materials Sampling Manual, Testing Procedures Manual, Quality Assurance Manuals, and EDSMs. 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 and City of New Orleans' requirements:

PRE-CONSTRUCTION PHASE

- **Submit QA/QC Plan:** Submit Horizon's QA/QC plan to DOTD.
- **HeadLight and SiteManager Access:** Set up access to HeadLight and SiteManager for all engineers and inspectors. All inspectors will be equipped with an iPad and laptop with cellular data for field access to HeadLight and SiteManager, respectively.
- **Document Review:** Review the Construction Contract, Plans, Specifications, Sampling Plan, permits, and all other applicable specifications, standards, manuals, testing procedures, and EDSMs.
- **Project Set-Up Meeting:** Meet with District 02 and City of New Orleans to review roles, responsibilities, and expectations; Entity-State

Agreement and Construction Contract; compliance goals; Construction Contract Administration Manual; HeadLight and SiteManager; Sampling Plan and QA/QC materials testing requirements; preconstruction conference schedule and agenda; progress schedule review procedure; inspection requirements; final audit checklist; partial estimates and change orders; and Notice to Proceed requirements.

- **Preconstruction Conference:** Meet with District 02; City of New Orleans; Contractor and subcontractors; utility companies; and other pertinent stakeholders in accordance with DOTD EDSM III.1.1.7. Prepare agenda and meeting minutes and distribute meeting minutes to all attendees.

CONSTRUCTION PHASE

- **General Inspection:** Continuously inspect construction operations to ensure that work is completed using approved materials in accordance with the Plans, Specifications, and change orders/field changes (if applicable).
- **TTC Inspection:** Inspect temporary traffic control signs and devices for conformance with the approved Traffic Control Plan (TCP), DOTD Standard Plans, and MUTCD.
- **Erosion Control Inspection:** Inspect erosion control devices for conformance with DOTD Standard Plans.
- **Prefabricated Materials Inspection:** Inspect prefabricated materials, such as traffic signal controller equipment and other electrical components, for any damage occurring during transportation.
- **Inspection Documentation:** All inspection observations, including photos and notes, will be recorded using HeadLight in accordance with DOTD procedures. Any deficiencies and associated corrections made by the Contractor will be documented.

- **Materials Sampling and Testing:** Obtain material samples, such as concrete cylinders, in accordance with the Sampling Plan, Materials Sampling Manual, and pertinent Quality Assurance Manuals. Log all samples, material tickets, and reports into HeadLight and SiteManager as applicable and submit samples to the DOTD District 02 Testing Laboratory for testing. Horizon has access to a qualified, third-party independent testing laboratory. If requested by DOTD, our testing laboratory will test samples in accordance with applicable DOTD testing procedures and as required by the Specifications.
- **Daily Work Records (DWRs):** Prepare detailed DWRs, including on non-working days, describing the Contractor's personnel and equipment; Horizon's personnel; completed tasks/quantities, accepted work, and nonconforming work; condition of TTC signs and devices and erosion control devices; material tickets, samples obtained, field tests performed, and field test results; utility conflicts; charging of Contract Time and weather conditions; safety violations; and significant out of the ordinary events (e.g., accidents). The Contractor will be immediately notified of any safety violations or nonconforming work. Depending on the severity of any safety violations, work will be shut down immediately to avoid further danger to the public or property damage. All DWRs will be prepared using HeadLight.
- **Clarifications of Plans and Specifications:** Verify that the Contractor has a current set of Plans and Specifications with all relevant addenda, RFIs, submittals, change orders, and other supplemental guidance. Assist the Contractor with the interpretation of the Plans and Specifications and notify the Contractor immediately of nonconforming work.

- **Permit Compliance:** Maintain copies of all permits on the project site and review the Contractor's operations for conformance with such permits.
- **Utility Relocations:** Coordinate the relocation of utilities that conflict with the work with the Contractor, respective utility company, and City of New Orleans.
- **Coordination:** Continuously coordinate with stakeholders, including the preconstruction conference attendees. Meet with DOTD and City of New Orleans when requested at their offices or on the project site. Coordinate with the Contractor to distribute lane/road closure notifications to local media outlets upon approval by DOTD and/or City of New Orleans.
- **Monthly Progress Reports:** Prepare monthly progress reports describing the construction progress to date, Contract Time elapsed, and the number and value of approved change orders.
- **Bi-Weekly Progress Meetings:** Meet with project team members, including the preconstruction conference attendees as applicable. Prepare agenda and meeting minutes and distribute meeting minutes to all attendees within five (5) days of the applicable progress meeting.
- **Requests for Information (RFIs) and Submittals:** Review RFIs and submittals and forward them to other parties, such as DOTD, City of New Orleans, and the Engineer of Record, for input if necessary. Maintain logs of all RFIs and submittals with information such as the date submitted, number, description, status, and date resolved (if applicable).
- **Email Correspondence:** Coordinate with other parties to prepare email distribution lists for different aspects of the work. Horizon will be included on all email distribution lists to allow for all email correspondence to be properly

logged into the official project record for future access by DOTD.

- **Testing Reports:** Review all testing reports and evaluate the conformance of materials to the Plans and Specifications. Testing reports, as well as notices of nonconformance if necessary, will be distributed to all relevant parties.
- **Notices of Nonconformance:** Identify work that does not conform with the Plans and/or Specifications and notify DOTD and City of New Orleans. Prepare and distribute notices of nonconformance and monitor remediation efforts to ensure that nonconforming work is repaired or replaced to the satisfaction of DOTD and City of New Orleans.
- **Baseline and Progress Schedules:** Review the Contractor's baseline schedule for conformance to the Specifications and feasibility. Review the Contractor's progress schedules to determine if they accurately reflect the work progress and identify potential delays to construction due to the sequence of the work or inadequate progress on critical path items.
- **Monthly Pay Estimates:** Verify all completed quantities, including the dates of completion. Review monthly pay estimates for conformance with the Specifications and consistency with the actual work correctly completed. Horizon's Project Engineer and inspector(s) will review completed quantities and their applicable specification provisions as part of continuous coordination between the office and field to ensure proper payment for completed work.
- **Field Changes:** Coordinate field changes with DOTD, City of New Orleans, the Engineer of Record, and the Contractor. Maintain detailed records documenting all changes or variations from the Plans and Specifications and redline Plans to document such changes/variations.

- **Change Orders:** If necessary, review change order requests to determine if they contain adequate supporting documentation and justification of additional labor, materials, equipment, tools, incidentals, overhead, and profit costs and additional contract time. Prepare description of change orders, upload change orders with backup documentation to SiteManager, and forward requests to DOTD and City of New Orleans for approval.
- **Claims:** Monitor, document, and review claims from the Contractor and provide recommendations to DOTD and City of New Orleans regarding the disposition of claims.
- **Compliance:** Review documents, such as certified payrolls and 1391 Form if applicable.

POST-CONSTRUCTION PHASE

- **Final Inspection:** Upon notification from the Contractor of project completion, perform final inspection with the Contractor, DOTD, and City of New Orleans.
- **Punchlist:** Prepare detailed punchlist indicating deficient and/or incomplete work that must be corrected and/or completed prior to final acceptance.
- **Final Acceptance:** Upon correct completion of punchlist work, issue final acceptance in consultation with DOTD and City of New Orleans in accordance with EDSM III.5.1.5.

- **As-Built Plans:** Prepare as-built plans using 746-12 Tuscan red pencil on plan sheets, noting modifications from the original plans incorporated via change order or field change.
- **Contract Materials Audit Report (2059):** Prepare Contract Materials Audit Report (2059), including summary report from HeadLight Materials, Sampling Plan, Errors and Omissions Report, Disposition of Failing Samples, Job Mix Formulas/Concrete Mix Designs (including lot percentage pay data and cores/cylinders report) as applicable, Independent Assurance Sampling and Testing report as applicable, Reinforcing Steel Bar Data as applicable, and Striping Reflectivity Test Report as applicable. Address any failed tests by indicating reasons that affected materials are acceptable (e.g., additional testing performed, change order issued, etc.).
- **Final Estimate Package:** Within 30 days of final acceptance, prepare the final estimate package and submit to DOTD's Construction Audit Section, including the schedule of work items; recap of weather and working days; all field observations/notes and DWRs; as-built plans; all project correspondence (in and out); construction layout; Contract Materials Audit Report (2059); change orders; final acceptance letter; traffic control log; and transmittal sheet.

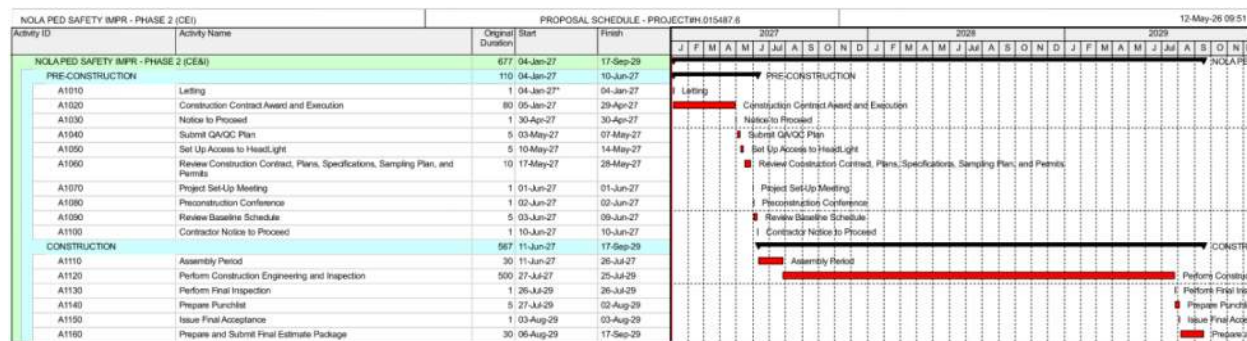


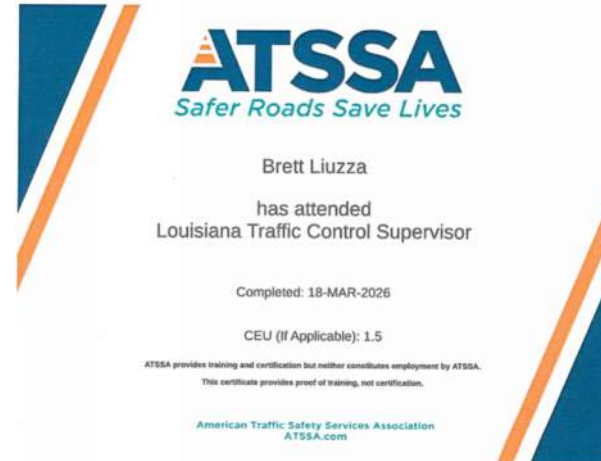
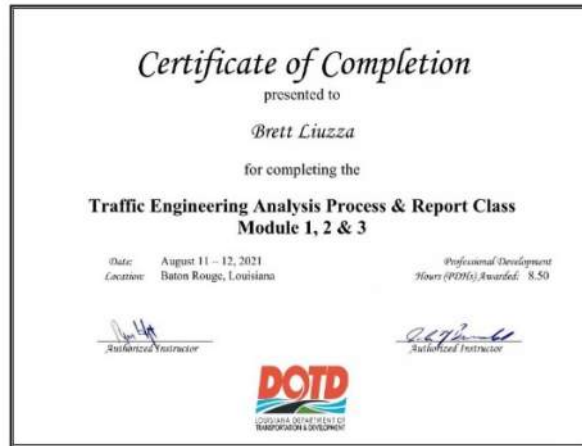
Figure 11: Preliminary Project Schedule

19. Workload:

Firm(s) <u>ALL FIRMS</u> 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. 4400030048 S. P. No. H.012867.6	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)	\$115,644
	CE&I/OV	Contract No. 4400031927 S. P. No. H.014737.6	Signal Upgrade: Sgt Alfred Dr @ Cleveland (CE&I)	\$63,585
	Road	Contract No. 4400031228 S. P. No. H.015469.5	Shreveport Pvmt Prgrm (Panel Replace)	\$66,019
	CE&I/OV	Contract No. 4400033882 S. P. No. H.016393.6	University Avenue Corridor Improvements (CE&I)	\$511,728
Wingate Engineers, LLC	CE&I/OV	State Project No. H.012370	Morrison Road Improvements – Contract Administration & RI	\$300,200
	Bridge	State Project No. H.015342	DOTD IJJA District #61- Off System Bridge Program	\$32,655
Vectura Consulting Services, LLC	CE&I/OV	Contract No. 4400020018 S. P. No. H.007160	EBR Computerized Traffic Signal, Ph VB	\$23,595
	Traffic	Contract No. 4400025299 S. P. No. H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$9,437
	Traffic	Contract No. 4400018271 S. P. No. H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
	Traffic	Contract No. 4400025299 S. P. No. H.014305	US 61: Cardinal Dr to Bert St	\$6,203
	Traffic	Contract No. 4400026026 S. P. No. H.016037	LA 1138-1 & LA 1138-2: Corridor Improvements	\$142,847
	Traffic	Contract No. 4400025299 S. P. No. H.016437.5	US 190: Wooddale to Livingston P/L Study	\$43,652

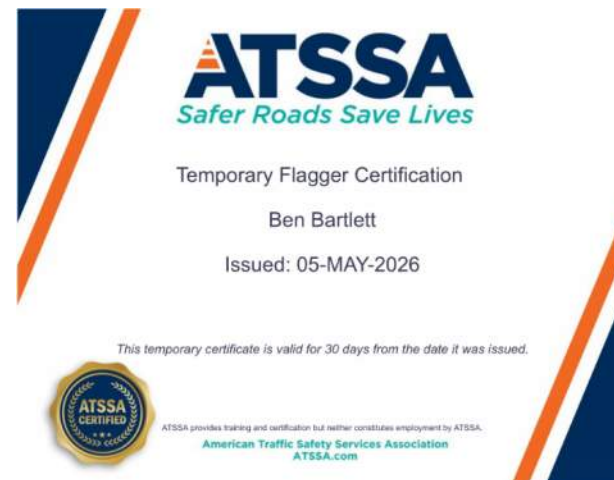
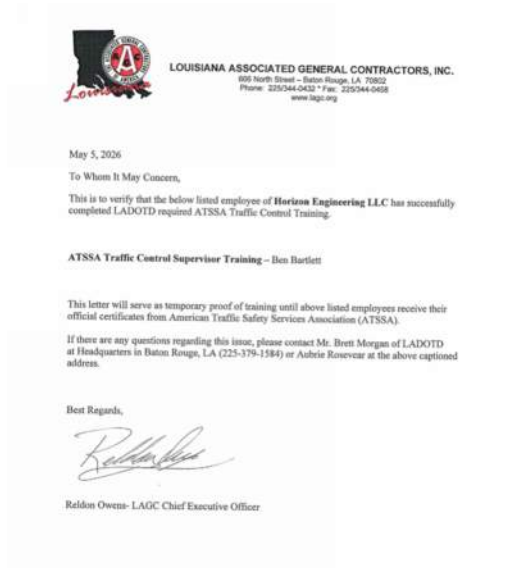
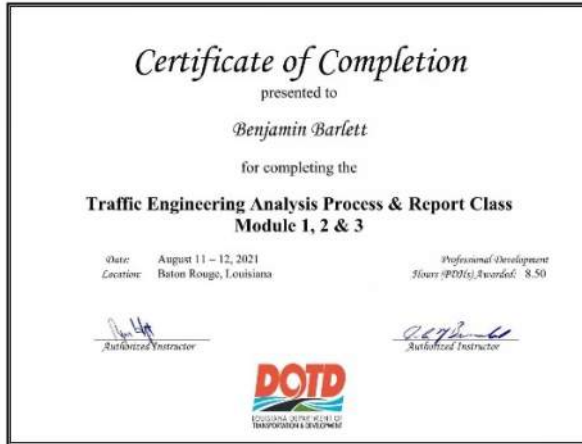
20. Certifications/Licenses:

Brett Liuzza, PE



20. Certifications/Licenses:

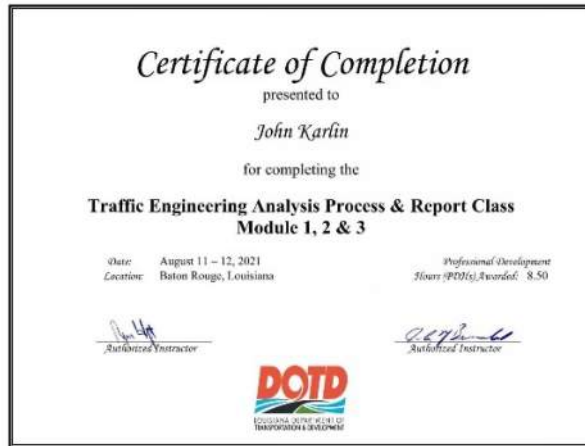
Ben Bartlett, PE, PTOE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

John Karlin, SE, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

John Karlin, SE, PE (Continued)



20. Certifications/Licenses:

Collin Gillen, PE



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.
 666 North Street - Baton Rouge, LA 70802
 Phone: 225/244-0433 • Fax: 225/244-0458
www.lagc.org

May 5, 2026

To Whom It May Concern,

This is to verify that the below listed employee of **Horizon Engineering LLC** has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Supervisor Refresher Training – Collin Gillen

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

If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Aubrie Rosevear at the above captioned address.

Best Regards,



Reldon Owens- LAGC Chief Executive Officer


American Traffic Safety Services Association
SAFER HANDS HAVE LIVES

This is to affirm that

Collin Gillen

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date <u>9/21/2022</u>	ATSSA
Exp. Date <u>9/20/2026</u>	Instructor Name <u>Kamryn Smith</u>
State Issued <u>LA</u>	Instructor Signature <u>[Signature]</u>

A1000107040
Verify at Flagger.com



State of Louisiana
Department of Transportation and Development

This certificate is presented to

Collin Gillen

for successfully completing

The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)
Training (Parts 1-9) on

May 6, 2025



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

HORIZON ENGINEERING, LLC

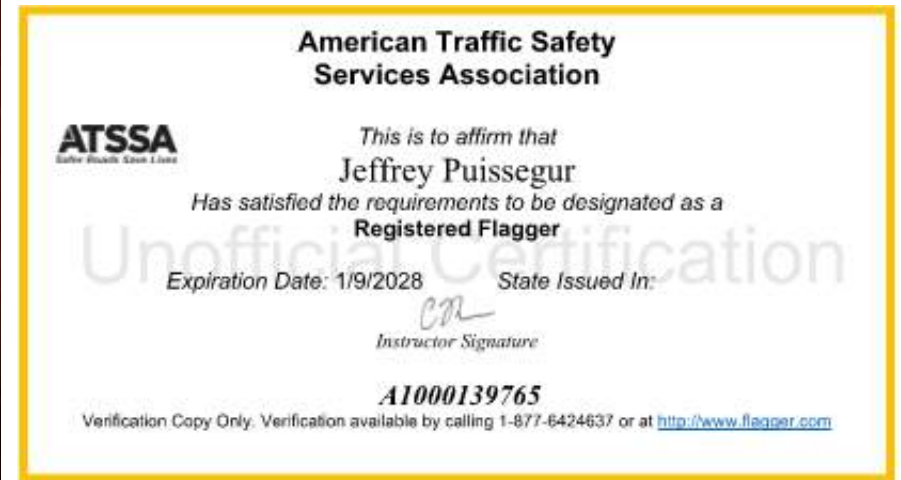
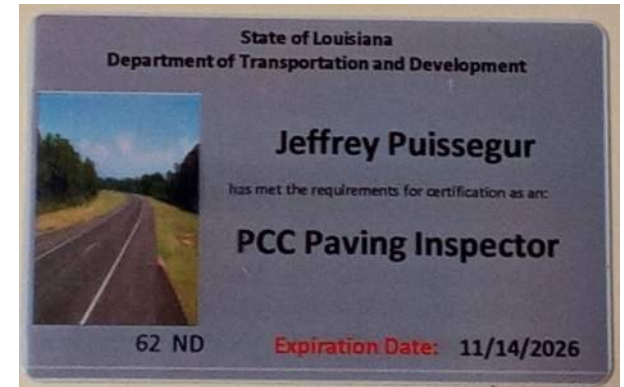
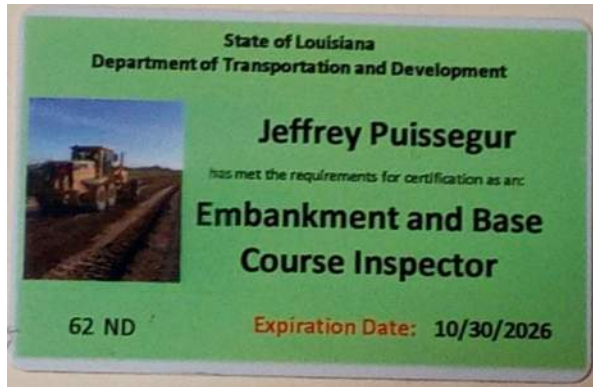
20. Certifications/Licenses:

Paul Beaulieu, EI



21. Certifications/Licenses:

Jeff Puissegur



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Keith Schulz



*Keith Schulz has completed all Embankment and Base Course certification written exams and is currently awaiting performance evaluation availability.

20. Certifications/Licenses:

Jack Burnett



*Awaiting receipt of flagger certification card in mail.

20. Certifications/Licenses:

Logan Betzer, PE



20. Certifications/Licenses:

Sheelagh Brin Ferlito, PE, PTOE



20. Certifications/Licenses:**Sheelagh Brin Ferlito, PE, PTOE (Continued)**

  	  
Certificate of Attendance Local Public Agency Qualification Program Construction, Engineering, and Inspection Module PRESENTED BY Louisiana Department of Transportation and Development Louisiana Local Technical Assistance Program & The Federal Highway Administration TO CERTIFY THAT Brin Ferlito HAS SATISFACTORILY COMPLETED 7 PROFESSIONAL DEVELOPMENT HOURS  Rudynah Capone Director, LTAP May 2nd, 2024 Date Baton Rouge, Louisiana Location	Certificate of Attendance Local Public Agency Qualification Program LPA Qualification Core Training PRESENTED BY Louisiana Department of Transportation and Development Louisiana Local Technical Assistance Program & The Federal Highway Administration TO CERTIFY THAT Brin Ferlito HAS SATISFACTORILY COMPLETED 13 PROFESSIONAL DEVELOPMENT HOURS  Rudynah Capone Director, LTAP April 30th and May 1st 2024 Date Baton Rouge, Louisiana Location

CERTIFICATE

OF COMPLETION

Fiber Optics for Intelligent Transportation Systems Level II

This is to Certify that

Sheelagh Brin Ferlito

has successfully completed the sixteen hours of hands-on training required for Level II certification. The exercises consisted of fiber optic splicing, plus cable, patch panel and closure preparation. Testing and maintenance exercises included acceptance and span testing, measuring reflections and splice losses, connector inspection and cleaning, link loss and optical power measurements, and testing and troubleshooting a fiber optic CCTV link.


 The Light Brigade
 Your Fiber Optic Resource


 FIBER OPTIC SAFETY


 MODERATOR
 May 27-28, 2010 CS100509
COURSE NUMBER AND COMPLETION DATE

CERTIFICATE

OF COMPLETION

Fiber Optics for Intelligent Transportation Systems Level I

This is to Certify that

Sheelagh Brin Ferlito

has completed two days of classroom training on the proper design, installation and testing procedures of fiber-optic intelligent transportation systems. The content consisted of instruction on physical plant including theory, components, installation and testing disciplines; system design including loss budgets, topologies, standards, systems overview, and component integration; and video transmission, real-time video, video over IP, traffic controllers and control systems, and next-generation systems.


 The Light Brigade
 Your Fiber Optic Resource


 FIBER OPTIC SAFETY

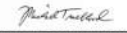

 MODERATOR
 May 25-26, 2010 CS100509
COURSE NUMBER AND COMPLETION DATE

Training Certificate

PRESENTED TO

Brin Ferlito

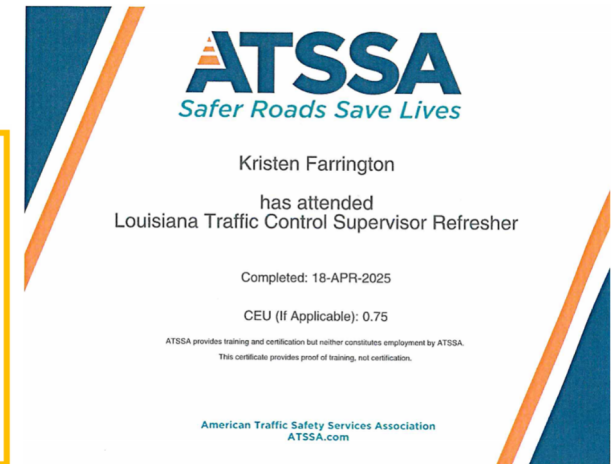
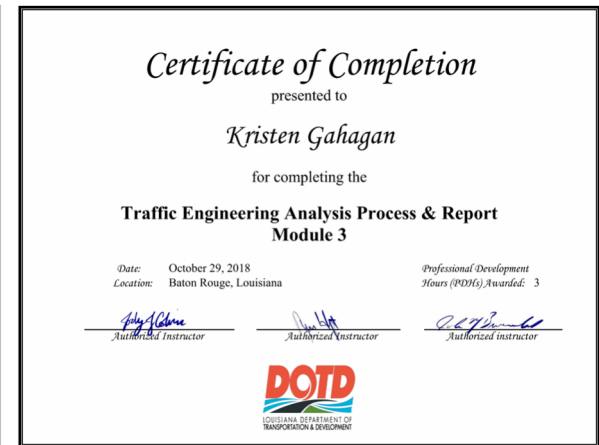
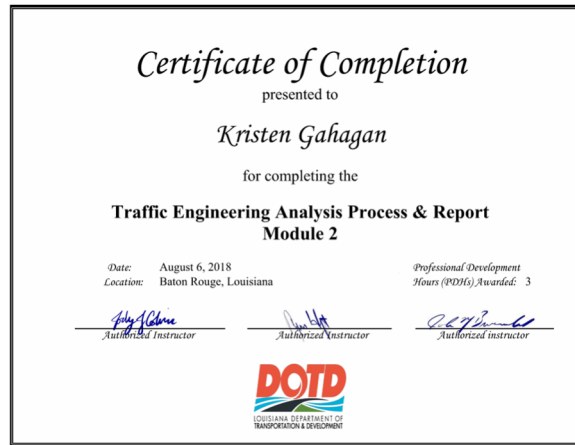
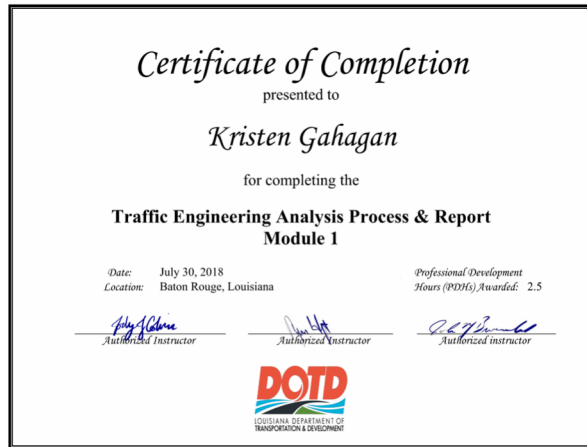
for successful completion of technical training
Naztec 2 day Engineering Course
April 28, 2010
8 PDHs


 Michael Trueblood, PE, PTOE
 Facilitator


 UNIVERSITY OF LOUISIANA
 AT LAFAYETTE


 Trafficware
 UNIVERSITY

LAPELS Continuing Professional
 Development Provider - CPD-0000281

20. Certifications/Licenses:**Kristen Farrington, PE, PTOE, RSP1**

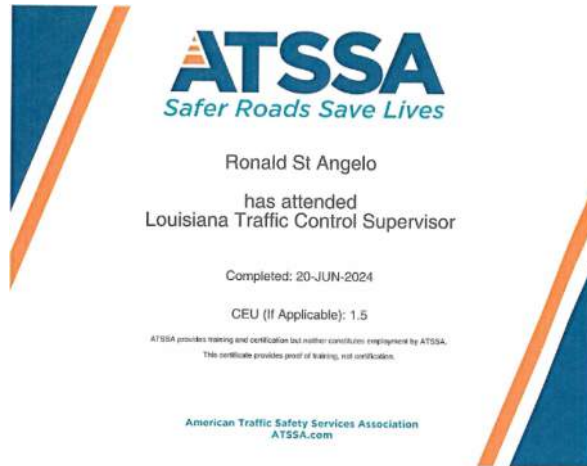
20. Certifications/Licenses:

Kristen Farrington, PE, PTOE, RSP1 (Continued)



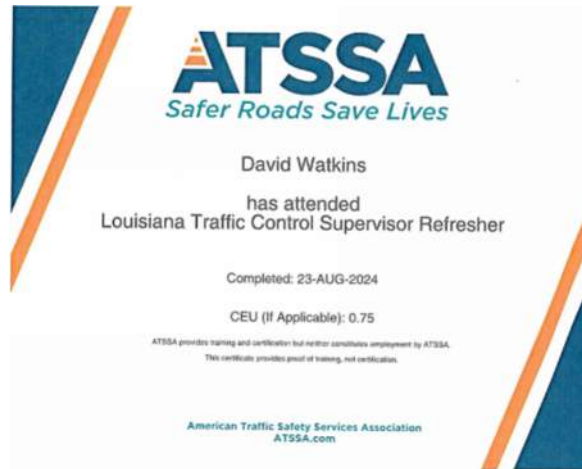
20. Certifications/Licenses:

Ronald St. Angelo



20. Certifications/Licenses:

David Watkins



20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State



Louisiana SECRETARY OF STATE NANCY LANDRY

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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

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Name	Type	City	Status
WINGATE ENGINEERS, LLC	Limited Liability Company	NEW ORLEANS	Active

Previous Names

Business: WINGATE PROFESSIONAL SERVICES LLC (Changed: 8/29/2018)
Charter Number: 42480104K
Registration Date: 12/12/2016

Domicile Address
 2378 PRENTISS AVE
 NEW ORLEANS, LA 70122

Mailing Address
 2378 PRENTISS AVE
 NEW ORLEANS, LA 70122

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 12/12/2016
Last Report Filed: 11/12/2025
Type: Limited Liability Company

Wingate Engineers, LLC

HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State (Continued)



The screenshot displays the official website of the Louisiana Secretary of State, Nancy Landry. The header includes the state seal and navigation links. The main content area shows the registration details for Vectura Consulting Services, LLC, including its name, type (Limited Liability Company), city (Baton Rouge), and status (Active). It also lists the business's previous names, charter number, registration date, and both domicile and mailing addresses. The status section indicates the company is active and in good standing, with the last report filed on 7/30/2025.

Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names
 Business: VECTURA CONSULTING SERVICES, LLC
 Charter Number: 41994609K
 Registration Date: 8/24/2015

Domicile Address
 4467 BLUEBONNET BLVD.
 SUITE A
 BATON ROUGE, LA 708099639

Mailing Address
 PO BOX 14269
 BATON ROUGE, LA 70898

Status
 Status: Active
 Annual Report Status: In Good Standing
 File Date: 8/24/2015
 Last Report Filed: 7/30/2025
 Type: Limited Liability Company

Vectura Consulting Services, LLC

HORIZON ENGINEERING, LLC

21. QA/QC Plan:

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

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Wingate Engineers, LLC	2378 Prentiss Ave New Orleans, LA 70122	Joshua Torregano, PE, MBA josh@wingateengineers.com	(504) 733-9411
Vectura Consulting Services, LLC	4467 Bluebonnet Blvd, Ste A Baton Rouge, LA 70809	Laurence Lambert, PE, PTOE, PTP llambert@vecturacs.com	(225) 938-3614

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.**