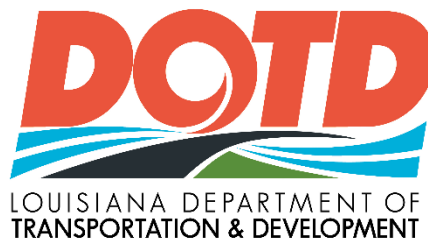


ENTITY CONTRACT NO. 4400031921  
STATE PROJECT NO. H.014643.6

LA 39: W. JUDGE PEREZ DR.  
ENHANCEMENTS (CE&I)

FOR



MAY 27, 2025

SUBMITTED BY:  
HORIZON ENGINEERING, LLC



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

# DOTD FORM: 24-102

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

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	LA 39: W. JUDGE PEREZ DR. ENHANCEMENTS (CE&I)
2. Contract Number(s) as shown in the advertisement	4400031921
3. State Project Number(s), if shown in the advertisement	H.014643.6
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	1013 N. Causeway Blvd., Suite 201 Metairie, LA 70001
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1013 N. Causeway Blvd., Suite 201 Metairie, LA 70001
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.)

HORIZON ENGINEERING, LLC

**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 27, 2025

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:**

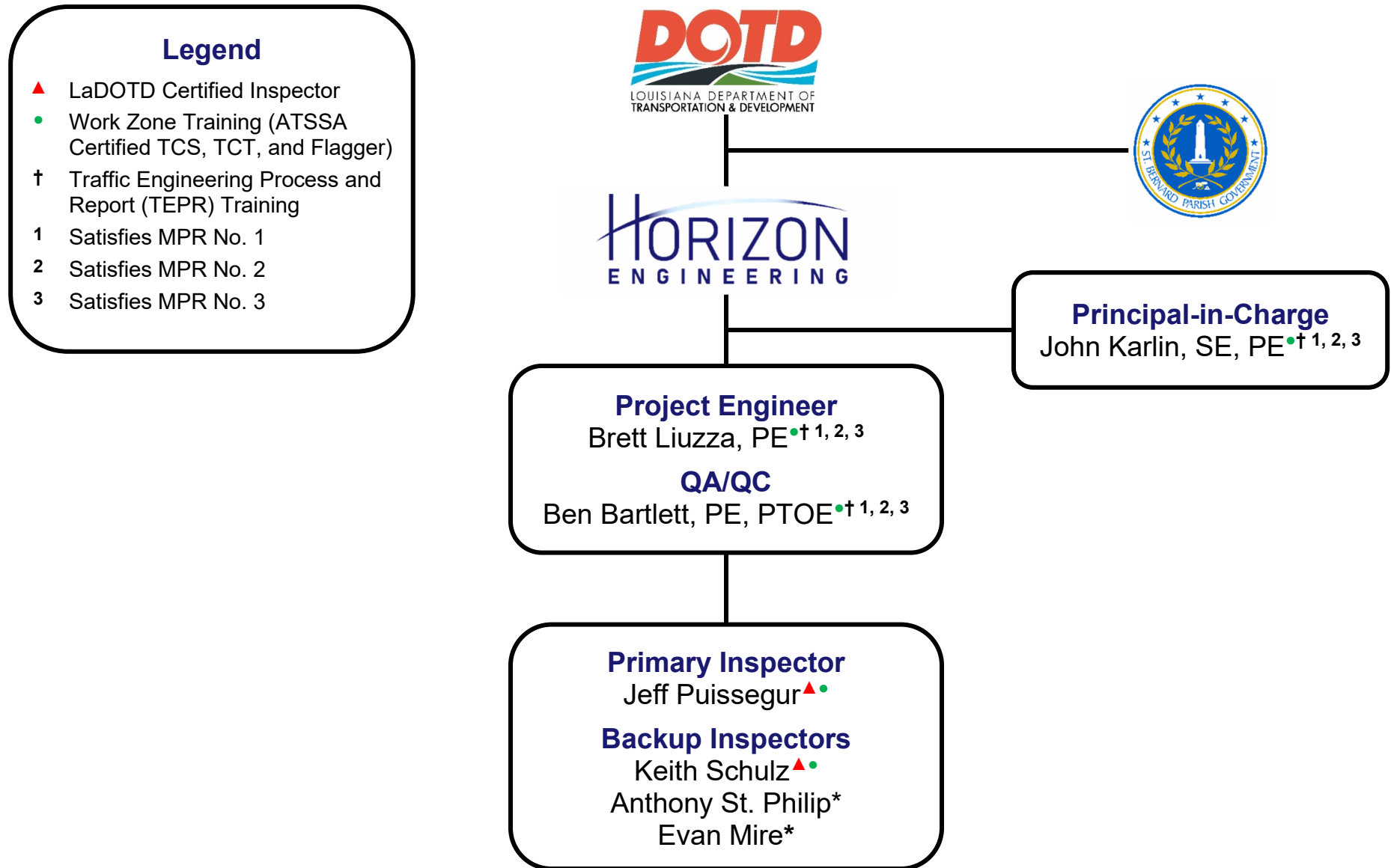
Discipline(s)	% of Overall Contract	Horizon Engineering, LLC <b>(Prime)</b>	Each Discipline must total to 100%
CE&I/OV	100%	100%	<b>100%</b>
Percent of Contract	<b>100%</b>	<b>100%</b>	<b>100%</b>

**13. Firm Size:**

Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
 <b>Horizon Engineering, LLC</b>	Principal	1	3
	Supervisor - Eng	1	3
	Engineer	1	3
	Inspector - Lead	1*	1
	Inspector - Certified	1*	1
	Inspector	2*	4

\*Based on the project's scope of work, we anticipate that only one full-time certified inspector will be required; however, we can provide one additional certified inspector and two additional uncertified inspectors 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.

14. Organizational Chart:



\*Contract Employee

**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	9/30/2025
	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
3	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028

**16. Staff Experience:**

Firm employed by <b>Horizon Engineering, LLC</b>			
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 / 9/30/2025	
Year registered	2013	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		<b>Role:</b> Project Engineer ( <b>Satisfies MPRs 1, 2, and 3</b> ) <b>Responsibilities:</b> Construction administration (including HeadLight/SiteManager duties), construction engineering, management of inspectors, and coordination with St. Bernard Parish and DOTD.	
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	<ul style="list-style-type: none"> <li>Over 16 years of construction administration and construction engineering experience, including many recent LaDOTD LPA CE&amp;I pedestrian/bicyclist facility and road improvement projects in District 02.</li> <li>Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</li> <li>Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.</li> </ul>		
03/25 – Present	<b>H.014049.6 – St. Bernard Pedestrian Improvements</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$500,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.		
07/23 – 01/24	<b>H.011779.6 – Power Blvd Median Improvements</b> <b>Owner:</b> City of Kenner (LaDOTD LPA project). <b>Scope:</b> Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. <b>Cost:</b> ≈\$3,400,000. <b>Role:</b> Lead Construction Engineer. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.		
05/23 – 01/24	<b>H.014315.6 – Grafton Drive Pavement Rehabilitation</b> <b>Owner:</b> City of Slidell (LaDOTD LPA project). <b>Scope:</b> Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. <b>Cost:</b> ≈\$1,000,000. <b>Role:</b> Project Manager and Lead Construction 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.		
10/23 – 01/24	<b>H.014317.6 – Carey St. Pavement Rehabilitation</b> <b>Owner:</b> City of Slidell (LaDOTD LPA project). <b>Scope:</b> Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. <b>Cost:</b> ≈\$970,000. <b>Role:</b> Project Manager and Lead Construction 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.		

## Brett Liuzza, PE (Continued)

07/21 – 01/24	<b>H.007273.6 – Magazine St (Leake Ave to East Drive)</b> <b>Owner:</b> City of New Orleans (LaDOTD LPA project). <b>Scope:</b> Replacement of asphalt road with PCC pavement road (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$5,900,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the road. Performed Site Manager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
09/20 – 07/22	<b>Milneburg Group B (FRC) Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps (14 blocks). <b>Cost:</b> ≈\$8,300,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
10/18 – 10/23	<b>H.007271.6 – Canal Blvd (R.E. Lee – Amethyst)</b> <b>Owner:</b> City of New Orleans (LaDOTD LPA project). <b>Scope:</b> Replacement of asphalt roadway (including curbs, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$6,800,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed 2 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to drop inlets, manholes, and other drainage structures in the roadway. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
07/13 – 04/16	<b>Jefferson Parish Submerged Roadways Program</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Evaluation of Hurricane Katrina related road damage and repair/replacement of deficient roads (85 PCC pavement streets and 8 miles of asphalt roads). <b>Cost:</b> ≈\$50,000,000 (est.). <b>Role:</b> Civil Engineer. Evaluated road damage. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, utility adjustments, and adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared plans, specifications, and opinions of probable construction cost. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
05/21 – 12/22	<b>RR122 and RR123 Marlyville-Fontainebleau Groups G and H (FRC)</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. <b>Cost:</b> ≈\$23,000,000 (est.). <b>Role:</b> Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15” to 30” RCP, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
07/13 – 05/22	<b>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)</b> <b>Owner:</b> SLFPA-E. <b>Scope:</b> Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
04/25 – Present	<b>H.012868.6 – Fortune Road Pavement Preservation</b> <b>Owner:</b> City of Youngsville (LaDOTD LPA project). <b>Scope:</b> Milling, patching, and overlay of existing asphalt road (≈1.1 miles). <b>Cost:</b> ≈\$510,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.

**16. Staff Experience:**

Firm employed by <b>Horizon Engineering, LLC</b>			
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		<b>Role:</b> Quality Assurance/Quality Control ( <b>Satisfies MPRs 1, 2, and 3</b> ) <b>Responsibilities:</b> 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	<ul style="list-style-type: none"> <li>Over 15 years of construction administration and construction engineering experience, including many recent LaDOTD LPA CE&amp;I pedestrian/bicyclist facility and road improvement projects.</li> <li>Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</li> <li>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.</li> <li>Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.</li> </ul>		
03/25 – Present	<b>H.014049.6 – St. Bernard Pedestrian Improvements</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$500,000. <b>Role:</b> QA/QC Manager. Performed QA/QC reviews of Project Engineer and Inspectors’ work, including RFI and submittal review responses and HeadLight/SiteManager data.		
05/23 – 01/24	<b>H.011779.6 – Power Blvd Median Improvements</b> <b>Owner:</b> City of Kenner (LaDOTD LPA project). <b>Scope:</b> Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. <b>Cost:</b> ≈\$3,400,000. <b>Role:</b> Project Manager and Lead Construction 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.		
10/23 – 01/24	<b>H.014317.6 – Carey St. Pavement Rehabilitation</b> <b>Owner:</b> City of Slidell (LaDOTD LPA project). <b>Scope:</b> Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. <b>Cost:</b> ≈\$970,000. <b>Role:</b> Construction 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.		

## Ben Bartlett, PE, PTOE (Continued)

03/21 – 01/24	<p><b>H.013939.6 – Veterans Blvd Transit Signal Priority</b>  <b>Owner:</b> Jefferson Parish (LaDOTD LPA project). <b>Scope:</b> Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. and Pontchartrain Blvd. and 22 Jefferson Parish Transit buses). <b>Cost:</b> ≈\$510,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders.</p>
03/19 – 09/21	<p><b>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements</b>  <b>Owner:</b> GNOEC. <b>Scope:</b> Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. <b>Cost:</b> ≈\$40,000,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Inspected temporary lane closures of over 10 miles long and provided suggested modifications to improve motorist safety. Managed 10 inspectors and 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 project closeout documentation.</p>
05/20 – 01/24	<p><b>Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue)</b>  <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). <b>Cost:</b> ≈\$19,000,000 (est.). <b>Role:</b> Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed 15” to 72” RCP drainage system, tie-ins to surrounding drainage system, asphalt pavement, concrete curb and gutter, pavement markings, traffic signals, sequence of construction, and temporary traffic control while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic. Prepared plans, specifications, and opinions of probable construction cost.</p>
08/24 – Present	<p><b>Zellwood Station Phase 3 Traffic Study and ICE</b>  <b>Owner:</b> Private. <b>Scope:</b> Traffic study and Intersection Control Evaluation (ICE) in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail and installation of a new signalized intersection. <b>Fee:</b> ≈80,000. <b>Role:</b> Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals.</p>
10/24 – 11/24	<p><b>TTC Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b>  <b>Owner:</b> Private. <b>Scope:</b> Temporary traffic control plans to facilitate bridge coating and installation of temporary works. <b>Role:</b> 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), in accordance with MUTCD, LSSRB, and DOTD Standard Plans.</p>
04/23 – 01/24	<p><b>US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study</b>  <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). <b>Fee:</b> ≈\$190,000. <b>Role:</b> Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.</p>

**16. Staff Experience:**

Firm employed by <b>Horizon Engineering, LLC</b>			
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		<b>Role:</b> Principal-in-Charge ( <b>Satisfies MPRs 1, 2, and 3</b> ) <b>Responsibilities:</b> Contract administration and coordination with St. Bernard Parish and DOTD.	
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	<ul style="list-style-type: none"> <li>Over 7 years of construction administration and construction engineering experience.</li> <li>AMPP (Formerly NACE/SSPC) Senior Certified Coatings Inspector (CIP Level 3).</li> <li>Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</li> <li>Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.</li> </ul>		
03/25 – Present	<b>H.014049.6 – St. Bernard Pedestrian Improvements</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$500,000. <b>Role:</b> Principal-in-Charge. Coordinated with St. Bernard Parish, DOTD, and the Contractor.		
07/21 – 12/22	<b>H.013897 – I-10 and I-12 College Flyover Ramp Design-Build</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> 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; and identified potential design and constructability issues.		
10/23 – 01/24	<b>H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project)</b> <b>Owner:</b> United States Army Corps of Engineers (USACE)/LaDOTD. <b>Scope:</b> Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. <b>Cost:</b> ≈\$130,000,000. <b>Role:</b> Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site; reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls; and identified potential public safety issues.		

## John Karlin, SE, PE (Continued)

04/20 – 03/22	<b>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)</b> <b>Owner:</b> SLFPA-E. <b>Scope:</b> Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Construction Engineer. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.
09/17 – 01/24	<b>Rehabilitation of Causeway Boulevard/Airline Drive Interchange</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). <b>Cost:</b> ≈\$18,000,000 completed, ≈\$41,000,000 (est.) remaining. <b>Role:</b> Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.
05/19 – 09/21	<b>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements</b> <b>Owner:</b> GNOEC. <b>Scope:</b> Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. <b>Cost:</b> ≈\$40,000,000. <b>Role:</b> Construction Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors; 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.
12/21 – 01/24	<b>Nashville Avenue Wharf “A” Substructure Repairs Phase 2 (CMAR)</b> <b>Owner:</b> Port of New Orleans. <b>Scope:</b> 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). <b>Cost:</b> ≈\$25,000,000 (est.). <b>Role:</b> Project Manager and Lead Structural Engineer. Led above water and underwater inspections. Managed 10 inspectors and 4 divers. Evaluated CMAR contractor value engineering proposals. Performed inspections. Reviewed RFIs and submittals.
11/24 – 04/25	<b>Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. <b>Cost:</b> ≈\$5,500,000. <b>Role:</b> Coating Quality Assurance Manager. Reviewed submittals, including Contractor’s quality control plan, surface preparation and coating application plans, and quality control documentation. Performed coating inspections, including visual inspections and environmental conditions, soluble salts, surface profile, and dry film thickness testing.
04/19 – 07/20	<b>St. Andrew Street Wharf Erosion Mitigation Project</b> <b>Owner:</b> Port of New Orleans. <b>Scope:</b> Installation of bulkhead consisting of 50-foot long steel sheet pile wall and reinforced concrete pile cap and PCC pavement roadway repairs along the Mississippi River (1,600 feet long). <b>Cost:</b> ≈\$3,800,000. <b>Role:</b> Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared design modifications to accommodate field conditions. Prepared change orders and project closeout documentation.

**16. Staff Experience:**

Firm employed by <b>Horizon Engineering, LLC</b>			
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		<b>Role:</b> Primary Inspector <b>Responsibilities:</b> 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	<ul style="list-style-type: none"> <li>Over 16 years of inspection experience, including many recent LaDOTD LPA CE&amp;I pedestrian/bicyclist facility and road improvement projects.</li> <li>Certified by LaDOTD in <b>Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving.</b></li> <li>Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</li> </ul>		
03/25 – Present	<b>H.014049.6 – St. Bernard Pedestrian Improvements</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$500,000. <b>Role:</b> 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.		
05/24 – 08/24	<b>H.011775.6 – US 11 &amp; US 190 Bicycle and Ped Crossings</b> <b>Owner:</b> LaDOTD. <b>Scope:</b> 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. <b>Cost:</b> ≈\$1,200,000. <b>Role:</b> Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
06/23 – 12/23	<b>H.014315.6 – Grafton Drive Pavement Rehabilitation</b> <b>Owner:</b> City of Slidell (LaDOTD LPA project). <b>Scope:</b> Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. <b>Cost:</b> ≈\$1,000,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.		

## Jeff Puissegur (Continued)

11/23 – 02/24	<p><b>H.014317.6 – Carey St. Pavement Rehabilitation</b>  <b>Owner:</b> City of Slidell (LaDOTD LPA project). <b>Scope:</b> Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. <b>Cost:</b> ≈\$970,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.</p>
05/19 – 08/20	<p><b>H.011798.6 – Airline Park Blvd (Camphor – W Napoleon)</b>  <b>Owner:</b> Jefferson Parish (LaDOTD LPA project). <b>Scope:</b> Replacement of asphalt roadway and PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps); drainage, sewer, and water improvements; and installation of drainage pump station and associated canal bank sheeting and riprap. <b>Cost:</b> ≈\$6,000,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; 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.</p>
01/22 – 02/23	<p><b>H.007273.6 – Magazine St (Leake Ave to East Drive)</b>  <b>Owner:</b> City of New Orleans (LaDOTD LPA project). <b>Scope:</b> Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$4,500,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; 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.</p>
08/24 – 11/24	<p><b>H.014642.6 – PR 929 Overlay: US 61 – Parker Rd.</b>  <b>Owner:</b> Ascension Parish (LaDOTD LPA project). <b>Scope:</b> Milling, patching, and overlay of asphalt road (≈2.4 miles). <b>Cost:</b> ≈\$1,100,000. <b>Role:</b> Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.</p>
09/16 – 02/17	<p><b>H.007277.6 – Lake Forest Boulevard</b>  <b>Owner:</b> City of New Orleans (LaDOTD LPA project). <b>Scope:</b> Replacement of PCC pavement roadway; asphalt roadway milling and overlay; and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$490,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; 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.</p>
01/13 – 04/16	<p><b>Jefferson Parish Submerged Roadways Program</b>  <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; and assisted with the preparation of project closeout documentation.</p>

**16. Staff Experience:**

Firm employed by <b>Horizon Engineering, LLC</b>				
Name	Keith Schulz		Years of relevant experience with this employer	<1
Title	Inspector		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Bachelor of Science / 2012 / Construction Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		<b>Role:</b> Backup Inspector <b>Responsibilities:</b> 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).			
06/12 – Present	<ul style="list-style-type: none"> <li>Over 12 years of inspection experience.</li> <li>Certified by LaDOTD in <b>HMA (Asphalt Concrete) Paving</b>.</li> <li>Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.</li> </ul>			
04/25 – Present	<b>H.012868.6 – Fortune Road Pavement Preservation</b> <b>Owner:</b> City of Youngsville (LaDOTD LPA project). <b>Scope:</b> Milling, patching, and overlay of existing asphalt road (≈1.1 miles). <b>Cost:</b> ≈\$510,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; and prepared redline as-built plans.			
04/21 – 12/21	<b>Milneburg Group B (FRC) Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roadway and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$7,400,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			
04/21 – 09/21	<b>Mid-City Group B Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (111 blocks). <b>Cost:</b> ≈\$24,000,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			
04/21 – 05/23	<b>Black Pearl Group B Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; and drainage, sewer, and water improvements (18 blocks). <b>Cost:</b> ≈\$6,600,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			

## Keith Schulz (Continued)

09/20 – 04/21	<b>Audubon Group A Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (89 blocks). <b>Cost:</b> ≈\$9,400,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); prepared redline as-built plans; and assisted with the preparation of project closeout documentation.
02/22 – 04/22	<b>Extension of Taxiway Golf and Taxiway Bravo</b> <b>NOAB Project No. TWY G-1234 &amp; TWY B-1235</b> <b>Owner:</b> New Orleans Aviation Board. <b>Scope:</b> Extension of Taxiway Golf to the end of Runway 11 (≈1,500 feet), extension of Taxiway Bravo to Taxiway Golf, and associated lighting and signage improvements. <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.
01/17 – 09/20	<b>Heavy Civil Construction Experience</b> <b>Scope:</b> Various heavy civil construction projects, including demolition, pile driving, earthwork, drainage, utilities, asphalt pavement, and PCC pavement. <b>Role:</b> 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	<b>Surveying Experience</b> <b>Scope:</b> Surveying for various site development, road, and drainage projects. <b>Role:</b> Survey Technician. Assisted with topographic surveying, including establishing vertical and horizontal control, obtaining elevations, and locating visible utilities.
06/12 – 01/16	<b>Residential Construction Experience</b> <b>Scope:</b> Various residential construction projects. <b>Role:</b> 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 <b>Horizon Engineering, LLC</b>				
Name	Anthony St. Philip		Years of relevant experience with this employer	<1
Title	Senior Inspector		Years of relevant experience with other employer(s)	30
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			<b>Role:</b> Backup Inspector <b>Responsibilities:</b> 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 – Ongoing	<b>RR 215: Dillard Group A &amp; B (RR031/RR032)</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> 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. <b>Cost:</b> ≈\$40,000,000. <b>Role:</b> 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	<b>Milneburg Group B (FRC) Streets</b> <b>Owner:</b> City of New Orleans. <b>Scope:</b> Replacement of asphalt roadway and drainage, sewer, and water improvements. <b>Cost:</b> ≈\$7,400,000. <b>Role:</b> 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	<b>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B)</b> <b>Owner:</b> SLFPA-E. <b>Scope:</b> Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). <b>Cost:</b> ≈\$50,000,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily 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	<b>Tidewater Road Reconstruction</b> <b>Owner:</b> Plaquemines Parish. <b>Scope:</b> 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). <b>Cost:</b> ≈\$20,000,000. <b>Role:</b> Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			

## Anthony St. Philip (Continued)

06/21 – 02/22	<b>RR133 and RR136 Pines Village Group A and Plum Orchard Group D Waterline Replacement Program</b> <b>Owner:</b> SWBNO. <b>Scope:</b> Replacement of water mains and house connections (8,000' of 8" diameter and 2,400' of 12" diameter water mains). <b>Role:</b> 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	<b>17<sup>th</sup> Street Canal Floodwall Breach Repairs (Emergency, Interim, and Permanent)</b> <b>Owner:</b> USACE. <b>Scope:</b> 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. <b>Cost:</b> ≈\$150,000,000. <b>Role:</b> 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	<b>Nashville Avenue Wharf "A" Substructure Repairs Phase 2 (CMAR)</b> <b>Owner:</b> Port of New Orleans. <b>Scope:</b> 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). <b>Cost:</b> ≈\$25,000,000 (est.). <b>Role:</b> 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 <b>Horizon Engineering, LLC</b>			
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		<b>Role:</b> Backup Inspector <b>Responsibilities:</b> 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	<b>Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Structural inspection and evaluation and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). <b>Cost:</b> ≈\$13,000,000. <b>Role:</b> 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	<b>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements</b> <b>Owner:</b> GNOEC. <b>Scope:</b> Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. <b>Cost:</b> ≈\$40,000,000. <b>Role:</b> 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	<b>Nashville Avenue Wharf “A” Substructure Repairs Phase 2 (CMAR)</b> <b>Owner:</b> Port of New Orleans. <b>Scope:</b> 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). <b>Cost:</b> ≈\$25,000,000 (est.). <b>Role:</b> 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	<b>US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study</b> <b>Owner:</b> Jefferson Parish. <b>Scope:</b> Traffic study in accordance with LADOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). <b>Fee:</b> ≈\$195,000. <b>Role:</b> Field Technician. Installed and removed volume count, turning movement count, and driveway/median opening count equipment.		

**17. Firm Experience:**

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

The St. Bernard Pedestrian Improvements project will improve 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 is currently providing 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	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, John Karlin, Jeff Puissegur, and Keith Schulz

**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)				93
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)				93

The Fortune Road Pavement Preservation project will mill, patch, and overlay approximately 1.1 miles of the existing asphalt road and install new pavement markings. Horizon is currently providing 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	Zellwood Station Phase 3 Traffic Study and ICE				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC			
Project location	Zellwood, Florida			Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com					
Services commenced by this firm (mm/yy)		08/24	Total consultant contract cost (\$1,000's)			78
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			78

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) completed a traffic study to evaluate access to the site from US 441 in accordance with Florida Department of Transportation (FDOT) requirements. Horizon's duties included:

- Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441.
- Review crash data along US 441, perform crash data analysis, and prepare collision diagrams.
- Perform traffic signal warrant analysis.
- Estimate increased traffic volume due to development of site.
- Evaluate sight distance requirements.
- Prepare conceptual layouts for multiple alternatives, including signalized intersection with new left turn lane from US 441, median openings, driveways, and adjustments to timing of adjacent traffic signals.
- Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections.
- Prepare preliminary drainage calculations.
- Coordinate with FDOT.

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

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

**17. Firm Experience:**

Firm name	<b>Horizon Engineering, LLC</b>		Discipline(s)*	CE&I/OV	
Project name	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive			Firm responsibility (prime or sub?)	Sub
Project number	2017-012A-RBP	Owner's name	Jefferson Parish		
Project location	Metairie, Louisiana			Owner's Project Manager	Matthew Zeringue
Owner's address, phone, email	1221 Elmwood Park Blvd., Ste. 802, Jefferson, LA 70123 / (504) 736-6500 / matthew.zeringue@jeffparish.gov				
Services commenced by this firm (mm/yy)	11/24	Total consultant contract cost (\$1,000's)			16
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)			15

The Causeway Boulevard/Airline Drive Interchange was originally constructed in the 1950s and consists of 8 ramps, an elevated traffic circle, and a 4-lane overpass. This project was the second phase of rehabilitation of the interchange and involved coating Ramps 6 and 7 and the Overpass, including containment system and suspended work platform installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning to remove existing coatings containing lead and other hazardous materials and provide a surface profile; and application of a three coat system consisting of an organic zinc primer, epoxy intermediate coat, and polyurethane top coat.

Horizon provided coating quality assurance services for Jefferson Parish, including review of the Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation; visual inspections; and environmental conditions, soluble salts, surface profile, and dry film thickness testing. Horizon's personnel led the overall interchange rehabilitation project while at their previous firm, including the design of this project, design of the first phase and future phases, and CE&I of the first phase completed in 2023 (Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive; ≈\$13,000,000 construction cost).

**Firm Members Involved:** John Karlin

## **18. Approach and Methodology:**

W. Judge Perez Dr. (LA 39) is a major east-west corridor through St. Bernard Parish that provides access to many businesses and neighborhoods. Although W. Judge Perez Dr. has two vehicular travel lanes in each direction and a wide median, its pedestrian and bicyclist facilities are extremely limited. Large portions of the existing sidewalks are missing between adjacent segments, have excessive cross slope, are obstructed, and/or are missing curb ramps. Additionally, there are no dedicated bicycle lanes and essentially no shoulders, making cycling this route dangerous.

State Project No. H.014643 (LA 39: W. Judge Perez Dr. Enhancements) will improve pedestrian and bicyclist facilities along approximately 1.07 miles of W. Judge Perez Dr., including new ADA compliant sidewalks and curb ramps, high visibility crosswalks, pedestrian signals, and a multi-use path in the median. In addition to this project, other improvements are planned in the area as noted in the 2024 St. Bernard Parish Bikeway & Pedestrian Plan Update, including 5 bicycle routes, 1 marked shared lane, 4 dedicated bicycle lanes, 2 buffered bicycle lanes, 3 shoulder bikeways, and 2 shared use trails tying into W. and E. Judge Perez Dr. These improvements will have a positive impact on the community by improving pedestrian and bicyclist safety, access to local businesses and neighborhoods, and overall interconnectivity of the parish.

Horizon Engineering, LLC (Horizon) is very familiar with the project area and is currently providing CE&I services for H.014049.6, St. Bernard Pedestrian Improvements, which includes a similar scope of work along E. Judge Perez Dr. (LA 39) and Paris Rd. (LA 47). Additionally, Horizon has already visited the project site and identified the following challenges that will need

to be addressed during construction to deliver a successful project.

### **1. EXISTING DRIVEWAY SLOPES**

Based on our experience from the St. Bernard Pedestrian Improvements project, many of the existing driveways have excessive slope within the sidewalk limits and need 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 they are not accounted for in the Plans and Specifications, Horizon will coordinate with St. Bernard Parish, DOTD, the Engineer of Record, and the Contractor to redesign (or design) the 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.

### **2. POTENTIAL CONFLICTS**

The available space along W. Judge Perez Dr. is limited and contains many obstructions, such as utilities (power poles, fire hydrants, etc.), catch basins, signs, and trees. The median also contains obstructions, such as trees, drainage structures, light poles, traffic signal controller cabinets, and signs. Horizon will work with the Contractor to identify potential conflicts well in advance of the start of construction. If they are not accounted for in the Plans and Specifications, Horizon will coordinate with St. Bernard Parish, DOTD, the Engineer of Record, and the Contractor to adjust sidewalk and curb ramp geometry to avoid conflicts and ensure that they are ADA compliant, as well as prepare and process any necessary change orders prior to the start of construction to avoid delays during construction.

Additionally, some intersections along W. Judge Perez Dr. are very complex, such as at Pakenham

Dr., where the median width is reduced to accommodate turn lanes. There are also many U-turns crossing the median, some of which have sharp turning radii. Horizon will ensure that crosswalks within the median area are carefully laid out such that pedestrian and bicyclist visibility is maintained.

### **3. TEMPORARY TRAFFIC CONTROL**

W. Judge Perez Dr. is a heavily trafficked corridor; therefore, a well-designed traffic control plan (TCP) will be critical to minimizing disruptions to motorists and pedestrians, including night work to accommodate installation of crosswalk pavement markings. If the Contractor plans to temporarily close any intersections during night shifts, emergency services will need to be notified and/or provisions to open the road to emergency vehicles will need to be implemented. Horizon will frequently inspect 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.

The Contractor's vehicles, equipment, and other obstructions should be positioned to maintain pedestrian and bicyclist sight lines to the greatest extent practicable. Horizon will notify the Contractor if visibility is reduced or pedestrians/bicyclists appear to have difficulties safely crossing the road so that necessary adjustments can be made.

Horizon will assist the Contractor and St. Bernard Parish with notifying impacted businesses and residents of the anticipated start date, duration, and impacts of the work and issuing timely lane/road closure notices. Horizon will also assist with continuous coordination with adjacent businesses

to facilitate temporary access if possible and minimize disruptions.

#### 4. COORDINATION

As a Local Public Agency (LPA) project, coordination with St. Bernard Parish, DOTD District 02, Contractor, Engineer of Record, and other affected stakeholders (e.g., businesses, residents, and utility companies) will be critical to ensure that all project team members are on the same page. Our Project Engineer (Brett Liuzza) and Lead Inspector (Jeff Puissegur) are currently working on H.014049.6, St. Bernard Pedestrian Improvements, which is adjacent to the project site and involves coordination with St. Bernard Parish (Donny Bourgeois) and DOTD District 02 (Justin Guilbeau). This familiarity will facilitate seamless coordination throughout the project.

We fully understand not only the project area but also the community's needs and concerns. If requested, we can assist St. Bernard Parish with public outreach related to the project. Additionally, Horizon's office is only 30 minutes from the project site; therefore, we can quickly respond to St. Bernard Parish's needs.

#### STAFFING PLAN

Horizon's Project Engineer, Brett Liuzza, will direct a primary certified inspector for the project, with one backup certified inspector and two backup uncertified inspectors also available if needed to accommodate the Contractor's manpower allocation, construction schedule, work hours, and other similar factors. He will remain in constant contact with the inspector(s) and always be available to visit the site if needed. Horizon's Primary Inspector, Jeff Puissegur, is certified by DOTD in Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving, and has worked with Brett Liuzza on many recent

DOTD LPA CE&I pedestrian/bicyclist facility and road improvement projects in District 02.

#### CE&I SCOPE OF WORK

Horizon fully understands the scope of work and will complete all 23 tasks listed in Attachment A of the Advertisement in accordance with project specific requirements, such as the Specifications 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 St. Bernard Parish and DOTD's requirements:

#### PRE-CONSTRUCTION PHASE

- **Submit QA/QC Plan:** Submit Horizon's QA/QC plan to St. Bernard Parish and 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 other applicable specifications, standards, manuals, testing procedures, and EDSMs.
- **Project Set-Up Meeting:** Meet with St. Bernard Parish's Responsible Charge and Project Manager and DOTD's Project Coordinator and District 02 Lab Engineer 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 St. Bernard Parish's Responsible Charge and Project Manager; DOTD's Project Coordinator, Compliance Office, District 02 Utility Specialist, and District 02 Lab Engineer; FHWA; Engineer of Record; 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 for any damage occurring during transportation.
- **Inspection Documentation:** All inspection observations, including photos and notes, will be recorded using HeadLight and uploaded to

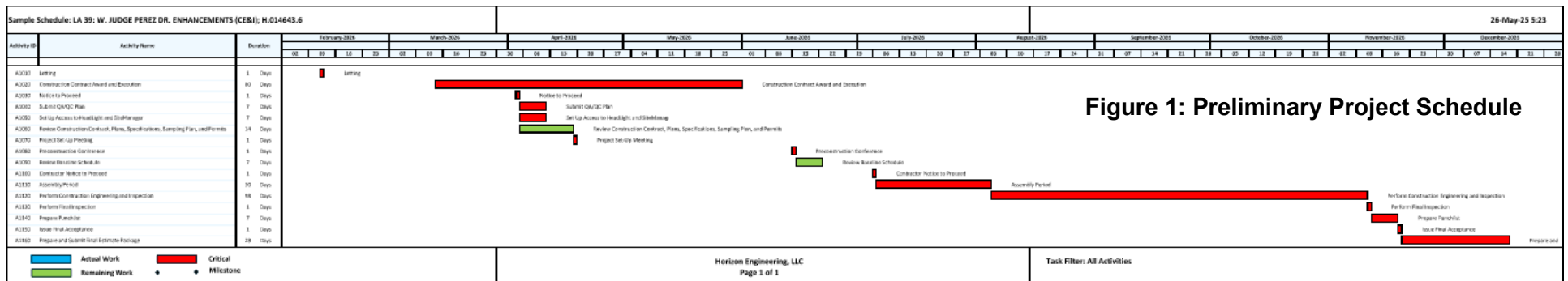
SiteManager in accordance with DOTD procedures. Any deficiencies and associated corrections made by the Contractor will be documented.

- **Materials Sampling and Testing:** Obtain material samples 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 work hours, 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 and uploaded to SiteManager.

- **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 St. Bernard Parish.
- **Coordination:** Continuously coordinate with stakeholders, including the preconstruction conference attendees. Meet with St. Bernard Parish and DOTD 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 St. Bernard Parish.

- **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 St. Bernard Parish 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 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 St. Bernard Parish. Prepare and distribute notices of nonconformance and monitor remediation efforts to ensure that nonconforming work is repaired or replaced to the satisfaction of St. Bernard Parish.
- **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 St. Bernard Parish, 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 St. Bernard Parish and DOTD for approval.
- **Claims:** Monitor, document, and review claims from the Contractor and provide recommendations to St. Bernard Parish and DOTD regarding the disposition of claims.
- **Compliance:** Review documents, such as certified payrolls and 1391 Form (Contractor's Annual EEO Report) if applicable, to ensure compliance with federal requirements.

#### POST-CONSTRUCTION PHASE

- **Final Inspection:** Upon notification from the Contractor of project completion, perform final inspection with the Contractor, St. Bernard Parish, and DOTD.
- **Punchlist:** Prepare 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 St. Bernard Parish and DOTD and in accordance with EDSM III.5.1.5.

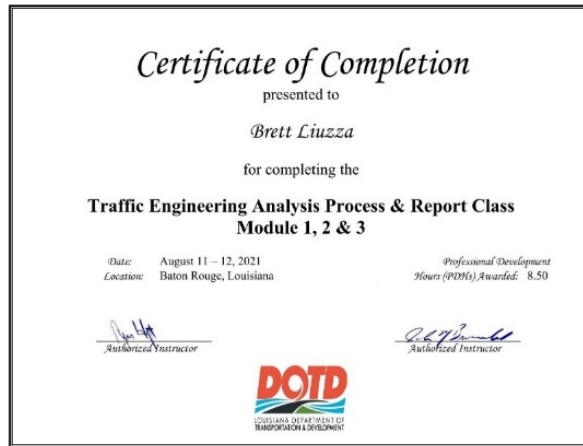
- **As-Built Plans:** Prepare as-built plans using 746-12 Tuscan red pencil on plan sheets, noting modifications from the original plans incorporated via change order or field change.
- **Contract Materials Audit Report (2059):** Prepare Contract Materials Audit Report (2059), including summary report from SiteManager 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.

**19. Workload:**

Firm(s) <b><u>ALL FIRMS</u></b> MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Horizon Engineering, LLC	CE&I/OV	Contract No. 4400029428 S. P. No. H.014049.6	St. Bernard Pedestrian Improvements (CE&I)	\$106,040
	CE&I/OV	Contract No. 4400029661 S. P. No. H.012868.6	Fortune Road Pavement Preservation (CE&I)	\$92,626
	CE&I/OV	Contract No. 4400030048 S. P. No. H.012867.6	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)	\$673,417

## 20. Certifications/Licenses:

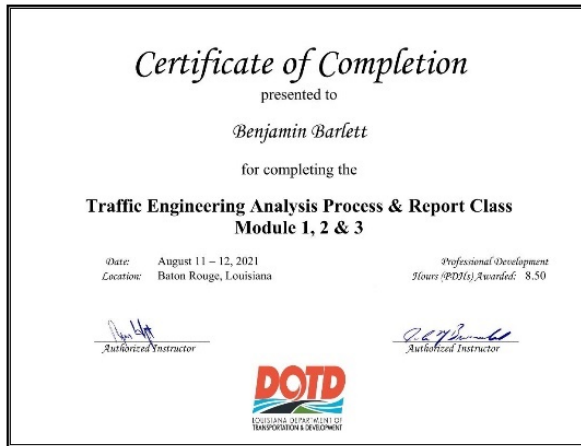
**Brett Liuzza, PE**



**HORIZON ENGINEERING, LLC**

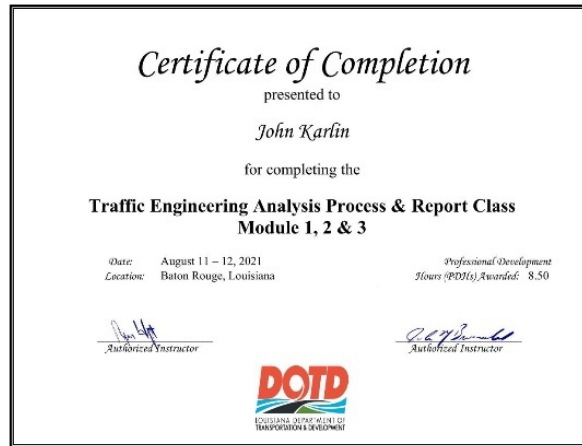
## 20. Certifications/Licenses:

### Ben Bartlett, PE, PTOE



## 20. Certifications/Licenses:

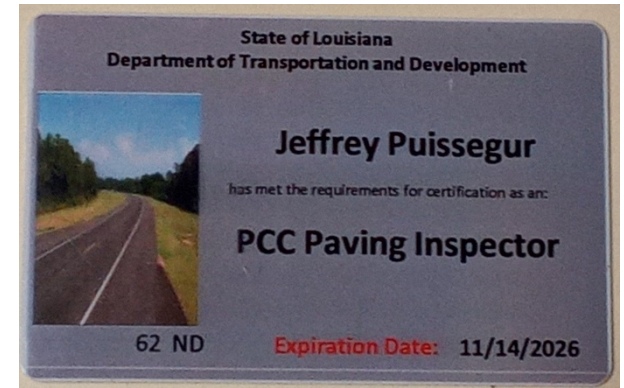
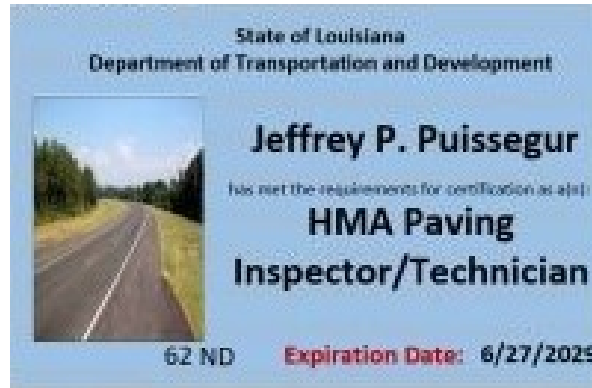
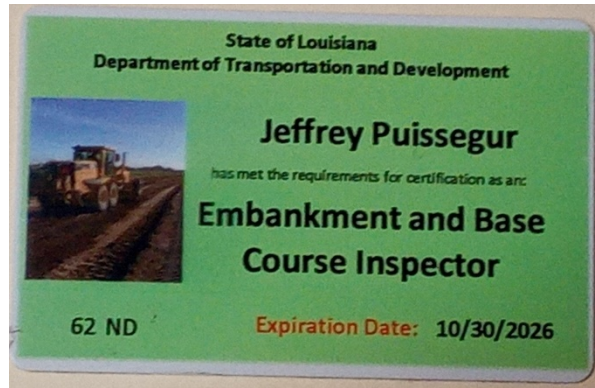
**John Karlin, SE, PE**



**HORIZON ENGINEERING, LLC**

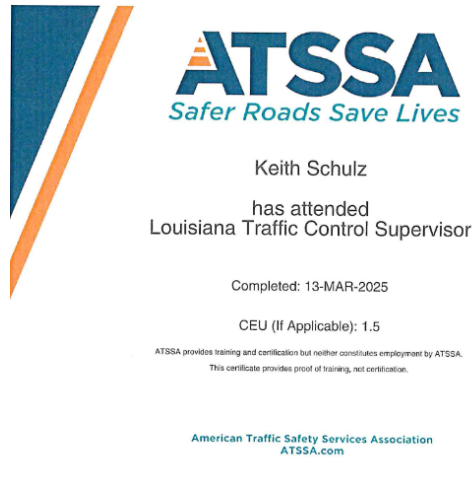
20. Certifications/Licenses:

Jeff Puissegur



20. Certifications/Licenses:

**Keith Schulz**



## 20. Certifications/Licenses:

### Firm Registration 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**

1013 N. CAUSEWAY BLVD.  
 STE 201  
 METAIRIE, LA 70001

**Mailing Address**

1013 N. CAUSEWAY BLVD.  
 STE 201  
 METAIRIE, LA 70001

**Status**

Status: Active  
 Annual Report Status: In Good Standing  
 File Date: 12/14/2023  
 Last Report Filed: 1/9/2025  
 Type: Limited Liability Company

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.

<b>Firm Name</b> <b>(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>)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>

(Add rows as needed)

**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.**