

CONTRACT NO. 4400031142
STATE PROJECT NO. H.010155.6

US 90 RAILROAD OVERPASS
SE OF LA 85 (CE&I)

FEBRUARY 6, 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	US 90 RAILROAD OVERPASS SE OF LA 85 (CE&I)
2. Contract Number(s) as shown in the advertisement	4400031142
3. State Project Number(s), if shown in the advertisement	H.010155.6
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.)

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:

February 6, 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 (Prime)	Greenman-Pedersen, Inc.	Eustis Engineering L.L.C.	C. H. Fenstermaker & Associates, L.L.C.	Each Discipline must total to 100%
CE&I/OV	95%	60%	35%	5%	0%	100%
Geotech	2%	0%	0%	100%	0%	100%
Survey	3%	0%	0%	0%	100%	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%	57%	33.25%	6.75%	3%	100%

13. Firm Size:

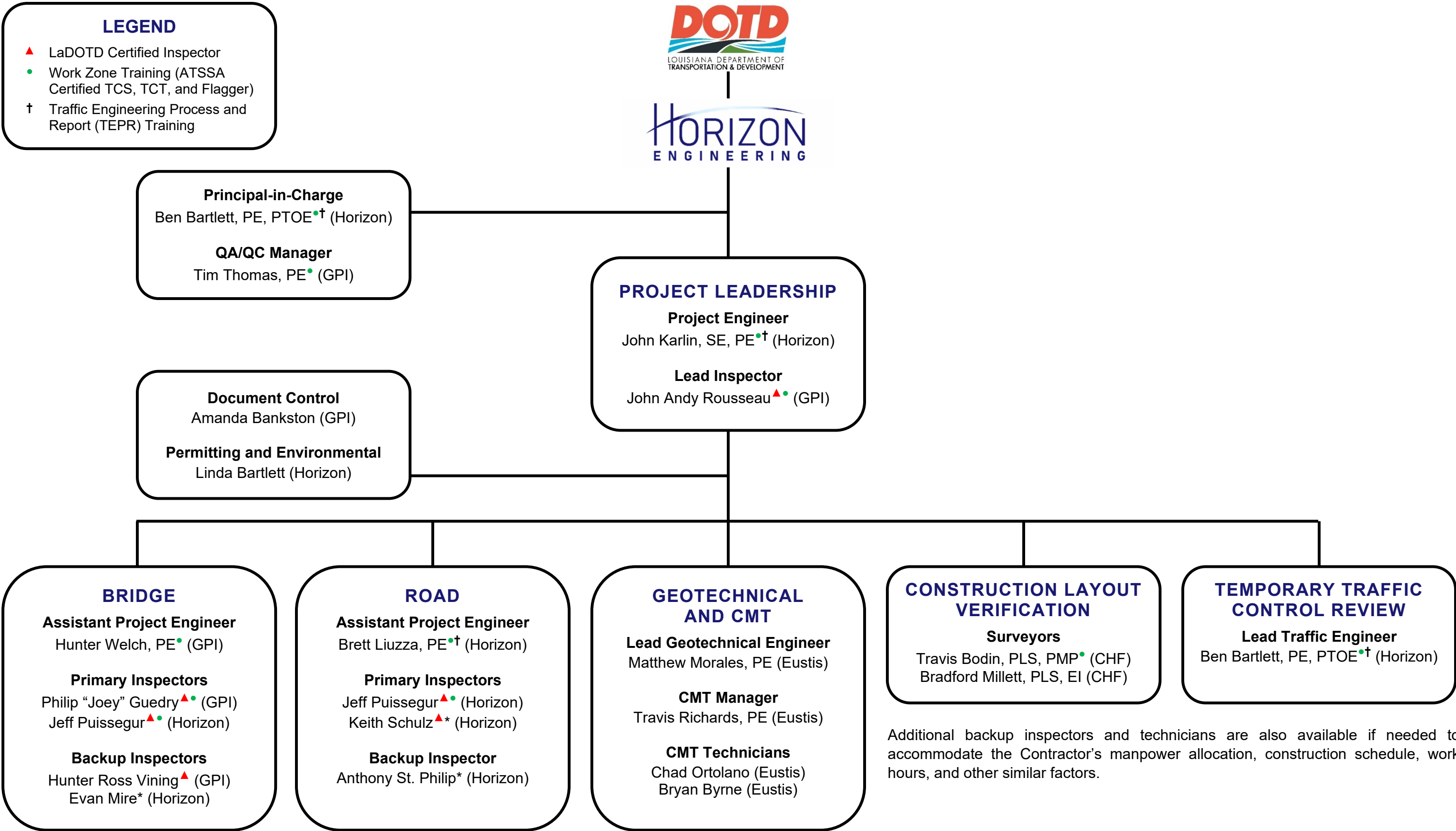
Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
 Horizon Engineering, LLC	Principal	1	3
	Supervisor - Eng	1	3
	Supervisor - Other	1	1
	Engineer	1	3
	Inspector – Lead	1*	1
	Inspector – Certified	1*	1
	Inspector	2*	4
 Greenman-Pedersen, Inc.	Supervisor - Eng	1	3
	Engineer	1	3
	Project Office Manager	1	2
	Inspector – Lead	1*	2
	Inspector – Certified	3*	9
	Inspector	1*	4
 Eustis Engineering L.L.C.	Principal	1	3
	Supervisor - Eng	2	8
	Supervisor - Other	1	8
	Engineer	0	4
	Engineer Intern	0	5
	Engineering-Aide	0	8

HORIZON ENGINEERING, LLC

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 Eustis Engineering L.L.C. (Continued)	Inspector – Certified	1*	1
	Inspector	6*	15
	Technician	6*	10
	Geologist	1	2
	Driller	1	7
 C. H. Fenstermaker & Associates, L.L.C.	Principal	1	3
	Surveyor	1	5
	Party Chief	2	14
	Instrument Man	2	7
	Rodman	2	2
	Senior Technician	1*	8
	Technician	0*	11
	Inspector – Lead	0*	2
	Inspector – Certified	0*	2
	Inspector	0*	3

*Based on the project's scope of work, we anticipate that only 4 full-time certified inspectors will be required; however, we can provide additional certified and uncertified inspectors and technicians to assist with field and office tasks, such as inspections, testing, and SiteManager duties, if necessary due to the contractor's manpower allocation, construction schedule, work hours, or other similar factors. Please see Sections 14 and 18 for additional information regarding our staffing plan for the 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	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2025
2	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2025 11/30/2026
	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
3	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2025 11/30/2026
	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2025
4	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 3/29/2025
5	Travis Richards, PE	Eustis Engineering L.L.C.	PE #30992 - Civil	LA	3/31/2025

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 / 3/31/2025 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: Project Engineer (Satisfies MPRs 1, 2, and 3) Responsibilities: Construction administration (including SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and 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	<ul style="list-style-type: none"> Over 7 years of construction administration and construction engineering experience. AMPP (Formerly NACE/SSPC) Certified Coatings Inspector (CIP Level 2). Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. 		
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; and identified potential design and constructability issues.		
09/17 – 01/24	Rehabilitation of Causeway Boulevard/Airline Drive Interchange Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). Cost: ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. Role: Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (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.		

John Karlin, SE, PE (Continued)

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: 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.
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; 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.
11/24 – Present	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: ≈\$5,500,000. 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: Construction Engineer. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.
12/21 – 01/24	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: 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; and reviewed RFIs and submittals.
04/19 – 07/20	St. Andrew Street Wharf Erosion Mitigation Project Owner: Port of New Orleans. Scope: 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). Cost: ≈\$3,800,000. Role: Project Manager and Lead Construction Engineer. Led construction engineering and inspection. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.
09/22 – 01/24	Florida Avenue Bridge Roadway, Settlement, and Paint Repairs Owner: Port of New Orleans. Scope: Rehabilitation of Florida Avenue Bridge (vertical lift bridge over IHNC). Role: Structural Engineer. Inspected superstructure of approach spans and expansion joint damage at fixed/vertical lift interface. Assisted with preparation of structural repair details to approach spans and expansion joints.

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 / 9/30/2025	
Year registered	2013	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Role: Assistant Project Engineer (Road) (Satisfies MPRs 1, 2, and 4) Responsibilities: Construction administration (including SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and 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	<ul style="list-style-type: none"> Over 16 years of construction administration and construction engineering experience. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Completed Louisiana State Civil Service CPTP SCS Cybersecurity WBT. 		
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: ≈\$4,500,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; performed Site Manager duties; coordinated construction materials testing; prepared change orders; and prepared project closeout documentation.		
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: ≈\$4,500,000. Role: Project Manager and Lead Construction Engineer. Managed 2 inspectors; 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 prepared project closeout documentation.		
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: Construction Engineer. Performed inspections; reviewed RFIs, submittals, and pay applications; performed Site Manager duties; coordinated construction materials testing; and prepared change orders.		
09/20 – 07/22	Milneburg Group B (FRC) Streets Owner: City of New Orleans. Scope: Replacement of asphaltic concrete roadway and drainage, sewer, and water improvements. Cost: ≈\$7,400,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.		

Brett Liuzza, PE (Continued)

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 Manager and Lead Construction Engineer. Managed inspectors; 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 roadway; prepared change orders; and prepared 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 Manager and Lead Construction Engineer. Managed inspectors; 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 roadway; prepared change orders; and prepared project closeout documentation.
07/13 – 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. Role: Construction Engineer. Evaluated roadway damage; performed inspections; managed inspectors; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.
05/21 – 12/22	RR122 and RR123 Marlyville-Fontainebleau Groups G and H (FRC) Owner: City of New Orleans. Scope: Roadway reconstruction, including drainage, sewer, and water lines and curbs, driveways, sidewalks and curb ramps. Cost: ≈\$23,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Designed roadway, driveway, and sidewalk geometric layout, asphaltic concrete 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; performed inspections; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.
07/13 – 05/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.
07/12 – 10/16	H.002550.6-R1 (Phase 1A) and H.009933.6 (Phase 1B) – MacArthur Interchange Completion Owner: LaDOTD. Scope: Construction of entrance/exit ramps for Westbank Expressway and relocation of frontage road and associated utilities. Cost: ≈\$42,000,000. Role: Civil Engineer. Designed roadway geometric layout, 15” to 48” RCP, 15” to 72” equivalent RCPA, 10” sewer force main relocation horizontally drilled underneath 4-lane roadway, and 8” water line relocation. Prepared plans, specifications, and opinion of probable construction cost.
05/20 – 01/24	Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ≈\$19,000,000 (est.). Role: 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	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 / 3/29/2025	
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer
Contract role(s) / brief description of responsibilities		Role: Principal-in-Charge (Satisfies MPRs 1, 2, 3, and 4) Responsibilities: Contract administration, quality assurance/quality control, and coordination with DOTD and 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).		
06/10 – Present	<ul style="list-style-type: none"> Over 15 years of construction administration and construction engineering experience. 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. Completed Louisiana State Civil Service CPTP SCS Cybersecurity WBT. 		
03/19 – 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: 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; 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.		
05/14 – 01/24	Rehabilitation of Causeway Boulevard/Airline Drive Interchange Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). Cost: ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. Role: Lead Civil Engineer and Construction Engineer. Performed hydrologic and hydraulic analysis. Designed modifications to bridge drainage system, temporary traffic control plans, pavement markings, and other related features. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; coordinated construction materials testing; assisted with development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement; assisted with development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures; prepared change orders; and prepared project closeout documentation.		

Ben Bartlett, PE, PTOE (Continued)

05/23 – 01/24	<p>H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Project Manager and Lead Construction Engineer. Led construction engineering and inspection. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; performed SiteManager duties; coordinated construction materials testing; and 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.</p>
03/21 – 01/24	<p>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 Jefferson Parish and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; reviewed RFIs, submittals, and pay applications; performed SiteManager duties; coordinated priority system testing; advised on priority system requirements and operational gaps; and prepared change orders.</p>
10/23 – 01/24	<p>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 handicap ramps. Cost: ≈\$970,000. Role: Construction Engineer. Managed inspectors; reviewed RFIs, submittals, and pay applications; reviewed construction materials testing; developed adjustments to handicap ramps based on existing site conditions; reviewed change orders; and reviewed project closeout documentation.</p>
10/23 – 01/24	<p>Relocation of East St. Bernard Highway and Associated Utilities (CMAR) Owner: Port of New Orleans. Scope: Relocation of East St. Bernard Highway and associated utilities and construction of new bridge over railroad to facilitate construction of the ≈\$1.8B Louisiana International Terminal (1.05 miles of roadway, drainage, and utilities and 1,100-foot-long bridge). Cost: ≈\$50,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Reviewed preliminary plans, drainage studies, traffic studies, and other related information and prepared gap analysis identifying critical items to be addressed between preliminary and final design. Performed preliminary design of horizontal and vertical road geometry. Prepared LaDOTD preliminary design report, including lane, shoulder, and median widths, superelevation, and other related design features; prepared value engineering proposals; evaluated CMAR contractor value engineering proposals; and coordinated with LaDOTD, CMAR contractor, and other stakeholders.</p>
04/23 – 01/24	<p>US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$190,000. Role: Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.</p>
08/24 – 12/24	<p>Zellwood Station Phase 3 Traffic Study Owner: Private. Scope: Traffic study in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail. Fee: ≈50,000. Role: Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals.</p>

16. Staff Experience:

Firm employed by		Greenman-Pedersen, Inc.		
Name	Timothy D. Thomas, P.E.		Years of relevant experience with this employer	9
Title	Project Engineer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			B.S. / 2004 / Civil Engineering, Louisiana Tech University	
Active registration number / state / expiration date			PE 34762 / Louisiana / 9-30-2025; PE 98671 / Florida / 2-28-25	
Year registered	2008	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Quality Assurance/Quality Control	
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 time specified in the applicable MPR(s).			
19 years of experience	Tim is GPI’s Manager of Construction Engineering, Inspection and Coating Services in Louisiana which includes project engineering, contract administration, management and oversight. His background includes 11 years of service as a DOTD Project Engineer for District 61- Baton Rouge. His diverse highway and bridge construction experience of varying complexity and scope includes new construction and rehabilitation of complex & major concrete and steel bridge structures, Interstate & major highway reconstruction, structural coating systems, moveable bridge rehabilitation and replacement (electrical and mechanical) , high-early strength concrete, heat straightening & welding, carbon fiber reinforced polymer repair systems, highmast lighting, new intersection signal systems, ITS, utility coordination and relocation, and the containment and abatement of hazardous materials.			
12/2023 - Present	LADOTD – H.011965 – LA 47: IWGO Bridge Rehabilitation (HBI), Orleans Parish, Project Engineer. This project includes major structural rehabilitation and cleaning & painting of the concrete and steel superstructure and substructure of the LA 47 “Green Bridge” crossing the Intracoastal Waterway Gulf Outlet in District 02. Work includes main truss structural and bearing rehabilitation, structure jacking, heat straightening, and concrete rehabilitation with fiber reinforced systems (FRP), new navigational lighting systems . Duties includes include project engineering; contract administration; and responsibilities normally required by a DOTD Project Engineer’s Office to ensure project completeness and acceptance according to the contract, plans and specifications.			
06/2019 – Present	LADOTD Design-Build Project – H.011670 – I-10/Loyola Interchange – Jefferson Parish, Assistant Resident Engineer. Mr Thomas serves as assistant resident engineer for this project by providing support to the DOTD Project Manager and prime OV firm in all necessary engineering and related services for Construction Support for the administration of the Design-Build contract on behalf of DOTD, along with managing the implementation of the Project’s Construction Quality Assurance Program (CQAP). His duties include review and oversight of the installation of precast concrete piles, erecting of structural steel tub and precast/prestressed concrete LG girders, installation of stay-in-place (SIP) forms; analysis and review of in-place girder camber; interchange lighting, ITS, and signals ; review of the CPM project schedule, responding to RFI’s, issuing & resolving NCRs, coordinating & review of utility relocations, and providing field engineering and support to the certified inspectors.			

09/2021 – Present	LADOTD PROJECT – H.001234 – LA 1: Port Allen Canal Bridge (Phase 1), West Baton Rouge, Assistant Project Engineer This project includes the construction of a new steel and concrete girder LA 1 bridge over the Port Allen Lock Canal connecting to the Mississippi River in District 61. This project, also, includes MSE retaining walls, Portland cement concrete and asphalt roadways, lighting, ITS, and drainage. Duties include project engineering; contract administration; and responsibilities normally required by a DOTD Project Engineer's Office to ensure project completeness and acceptance according to the contract, plans and specifications.
11/16-07/22	LADOTD Project – H.002281 - LA 66: Big Bayou Sara Bridge Rehabilitation (Historic Bridge), West Feliciana Parish, Project Engineer Mr. Thomas is the project engineer for this project that includes the structural steel rehabilitation of the pony trusses, installation of new steel girders, replacement of the concrete deck and approaches, cleaning and painting the structural steel and concrete piers, and the installation of scour protection. Duties include project engineering; contract administration; and responsibilities normally required by a DOTD Project Engineer's Office to ensure project completeness and acceptance according to the contract, plans and specifications.
05/2017-10/2020	LADOTD – H.012343 - LA 70: Mississippi River Bridge Phase 3 – St. James Parish, Project Engineer. Full CE&I services under the Statewide 4400005410 Retainer Contract. This project includes the structural rehabilitation of the structural steel superstructure and substructure of the LA 70: Sunchine Bridge approaches and truss. Duties include project engineering; contract administration; and responsibilities normally required by a DOTD Project Engineer's Office to ensure project completeness and acceptance according to the contract, plans and specifications.
04/16-06/19	H.009479 – LA 1: West Larose Vertical Lift Bridge Rehabilitation, Lafourche Parish. Mr. Thomas serves as Project Manager and technical support for this project which included the full mechanical, electrical, and structural rehabilitation of the existing LA 1 – West Larose Lift Span Movable Bridge .
01/05 - 4/16	Louisiana DOTD Project Engineer (District 61/Gang 216 – 01/2013 to 03/2016) & Assistant Project Engineer (District 61/Gang 206 – 01/2005 to 01/2013). Duties included those normally required by a DOTD Project Engineer for highway and bridge construction projects in the Ascension, Assumption, St. James, St. John the Baptist, West Baton Rouge, Iberville, and Pointe Coupee Parish areas in District 61 – Baton Rouge. Reviewed and verified construction field records of daily construction and operations to ensure that all work performed is in accordance with the plans and specifications. Responsible for projects of varying size and complexity on major structures and roadways on Interstate 10 and Mississippi River Bridge crossings. Projects included moveable bridge and equipment rehabilitation (electrical and mechanical); structural steel construction, rehabilitation, and fabrication; electrical lighting & signaling/ITS;
03/14 – 11/14	LADOTD Project H.011245 – LA 77: Grosse Tete Bridge Emergency Repairs, Iberville Parish, Project Engineer (DOTD). Mr. Thomas was the project engineer and technical support for the repairs to this swing span moveable bridge . Major project scope operations included: Removal of damaged bridge and fender system; installation of steel pipe piles; cast in place concrete pile cap and slab span; repair of damaged steel swing span; evaluation and repair of electrical and mechanical bridge systems; installation of timber fender system.
01/09 – 08/09	LADOTD Project 231-01-0059 – LA 70: Pierre Part Bay Swing Bridge, Assumption Parish, Project Engineer (DOTD). Mr. Thomas was the project engineer and technical support for the rehabilitation to the swing span movable bridge . Major project scope operations included: removal and replacement of the bridge steel roadway deck, mechanical and electrical rehabilitation.

16. Staff Experience:

Firm employed by		Greenman-Pedersen, Inc.	
Name	Hunter Welch, PE	Years of experience with this firm/employer	2
Title	Construction Engineer	Years of experience with other firm(s)/employer(s)	5
Degree(s) / Years / Specialization		B.S., Civil Engineering, Louisiana Tech University, 2017	
Active registration number / state / expiration date		Louisiana PE: 45876 / 03/31/2026	
Year registered	2019	Discipline	
Contract role(s) / brief description of responsibilities		Assistant Project Engineer (Bridge)	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc.		
7 years of experience	<p>Mr. Welch has over 7 years of experience in the bridge and highway construction industry. As Field Engineer, he is currently responsible for the oversight of CE&I projects including the assignment and coordination of inspection staff. His background includes time as a project engineer and quality manager for a bridge and highway construction contractor as well as working as a field engineer consulting for LADOTD with GPI. His experience includes the quality control and schedule management of bid-build and design-build highway and bridge construction projects of varying complexity and scope including the construction and expansion of major and minor structural concrete and steel bridges, asphalt concrete paving, portland cement concrete paving and patching, soil cement and lime stabilization, electrical lighting and signaling, major drainage systems, and traffic control. He has diversified experience in in complex roadway layouts including traffic circles and diverging diamond interchanges; specification review; utility coordination; working with state & local police departments; and conducting constructability reviews on highway transportation plans. He has spent years maximizing project efficiency, minimizing impacts to the travelling public, and ensuring the final product meets quality standards.</p>		
05/2024 - Present	<p>LADOTD – H.010960 – LA 30 Roundabouts @ Tanger Mall & I-10, Ascension Parish, Assistant Project Engineer. This project consists of the construction of 3 roundabouts on LA30 near and at the I-10 interchange at LA 30 in Ascension Parish. The major components of this project are the construction of new drainage structures, Class II Base Course, Subgrade Treatment, Asphalt Concrete Pavement, Portland Cement Concrete Pavement, and related work. His duties include CE&I oversight; change order execution; contractor CPM schedule review; coordination of inspection staff; RFI and submittal review; collaboration between LADOTD and the contractor; and ensuring all components of the project are completed in accordance with the contract, plans, and specifications.</p>		
04/2023 - Present	<p>LADOTD – H.011965 – LA 47: IWGO Bridge Rehabilitation (HBI), Orleans Parish, Assistant Project Engineer. This project includes major structural rehabilitation and cleaning & painting of the concrete and steel superstructure and substructure of the LA 47 "Green Bridge" crossing the Intracoastal Waterway Gulf Outlet in District 02. Work includes main truss structural and bearing rehabilitation, structure jacking, heat straightening, and concrete rehabilitation with fiber reinforced systems (FRP). Duties includes include project engineering; contract administration; and responsibilities normally required and in support of a DOTD Project Engineer's Office to ensure project completeness and acceptance according to the contract, plans and specifications.</p>		

06/2022 - 04/2023	Louisiana DOTD Project – H.001234 - LA 1: Port Allen Canal Bridge Replacement Phase 1 (Historic Bridge), West Baton Rouge Parish, Field Engineer. Hunter Welch is the field engineer for this project that includes the construction of a new major steel and concrete bridge over the Port Allen Lock canal connecting to the Mississippi River. In addition to the construction of a new bridge, this project includes the construction of MSE retaining walls, load transfer platform, Portland cement concrete, and asphalt roadways, ITS and signs, and drainage. His duties included CE&I oversight; contract administration; assignment and coordination of inspection staff; acceptance of materials; scheduling; surveying; coordinating with LADOTD, contractors, and the public; traffic control; and any duties necessary to ensure project completeness and acceptance according to the contract, plans and specifications.
02/2020 - 06/2022	Louisiana DOTD Design/Build Project – H.011670 – I-10/Loyola Interchange – St. Jefferson Parish. Quality Manager. Hunter Welch was a quality manager for the prime contractor for the project. This project consists of the construction of twin elevated ramps over I-10 to the New Orleans International Airport, widening I-10 between Loyola and Williams Boulevard, and the construction of the first Diverging Diamond Interchange (DDI) in Louisiana. As leader of the quality team for the contractor building this Design-Build project, his responsibilities included generating requests for information to the client and the design engineers; resolution of non-conformance reports; working with schedulers to incorporate quality control and hold points into the workplans; developing quality control checklists to be incorporated into the construction quality management plan; and conducting pre-activity meetings with construction managers, inspectors, and engineers to give detailed plans explaining how each construction activity will be completed safely and meet all standards and specifications.
06/2017 - 02/2020	Louisiana DOTD Project – H.002622 – LA 616 (Arkansas Rd) Widening and Roundabouts – Ouachita Parish, Project Engineer. Hunter Welch was the project engineer for the prime contractor on this project that includes the reconstruction and widening of Arkansas Rd from two lanes to four lanes with a turning lane; the addition of sidewalks and extensive curb and gutter work for the length of the project; the construction of four traffic circles; demolition of the existing wooden bridge; and nearly seven miles of underground drainage in residential and rural areas. As project engineer, Hunter was tasked with creating and updating the CPM schedule and daily work plans for all work crews; tracking all man-hours, equipment hours, and quantities; planning construction and traffic swaps to minimize negative affects to the travelling public; reviewing/correcting shop drawings; tracking time and material for multiple force account operations; communicating with local authorities to update upcoming activities and traffic pattern changes; coordinating with utility companies; and ensuring all activities were completed safely while adhering to the contractual standards and specifications. He was at the forefront of innovative construction practices including the use of completely precast catch basins in place of those with cast-in-place tops, using new equipment technologies utilizing total station and custom attachments to improve construction efficiency and safety, and incorporating drones into the planning and review of construction activities.

16. Staff Experience:

Firm employed by		Greenman-Pedersen, Inc.	
Name	John Andy Rousseau	Years of relevant experience with this employer	4
Title	Certified Lead Inspector	Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Louisiana Specific Traffic Control Technician / 04-2028 ATSSA Louisiana Specific Traffic Control Supervisor / Renewed on 04-2024 LADOTD Certified Structural Concrete Inspector / 05-22-2026 LADOTD Certified Asphalt Concrete Paving Inspector / 04/2027 LADOTD Certified Asphalt Plant Inspector/Technician / 07-2027 LADOTD Authorized Field Tester LADOTD Authorized Density Tester LADOTD Authorized Profilograph Evaluator LADOTD Authorized Profilograph Operator	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Lead Inspector	
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 time specified in the applicable MPR(s).		
06/2021 - Present	LADOTD – H.001234 - LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) West Baton Rouge Parish, Lead Inspector. This project includes the construction of a new steel and concrete girder LA 1 bridge over the Port Allen Lock Canal connecting to the Mississippi River in District 61. Project scope includes PCCP paving, prestress concrete girders, steel plate girders, pile driving, structural concrete footings, piers, and deck, drainage, MSE walls. Duties include Quality Assurance inspection of the contractor’s work. Oversight of other inspectors. Directly involved in all testing/sampling of materials used on project. Maintaining daily construction records with Headlight.		
11/20 – 06/21	LaDOTD. Project - H.011670 – I-10/Loyola Interchange Improvements Design-Build Certified Construction Inspector for OV Firm. His duties include inspection of precast concrete piles, erecting of structural steel tub and precast/prestressed concrete LG girders, inspection of high-strength bolt installation & tightening; installation of stay-in-place (SIP) forms; placement of concrete approach slabs; reinforced concrete bridge piers; precast reinforced concrete box installation. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily HeadLight/SiteManger reports for all activities. Client: LADOTD, Contact: Timothy Nickel, (225) 379-1110		

1/20 – 11/20	LADOTD Project – H.002281 - LA 66: Big Bayou Sara Bridge Rehabilitation (Historic Bridge), West Feliciana Parish Certified Construction Inspector Full CE&I services under the Statewide 4400005410 Retainer Contract. This project includes the structural steel rehabilitation of the pony trusses, installation of new steel girders, replacement of the concrete deck and approaches, cleaning and painting the structural steel and concrete piers, and the installation of scour protection. Duties include all QA on all aspect of the project such as: structural concrete and deck replacement. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily SiteManager reports for all activities. Client: LaDOTD. Contact: Dane LeCoq, (225) 683-5548
01/20 – 08/20	LADOTD Project – H.012343 - LA 70: Mississippi River Bridge Phase 3 – St. James Parish Inspector Full CE&I services under the Statewide 4400005410 Retainer Contract. This project that includes the inspection of structural rehabilitation of the structural steel superstructure and substructure, replacement of finger joints, and replacement of the top chord safety handrail of the main truss of the Mississippi River Sunshine Bridge. Duties include all QA on all aspects of projects such as: concrete and steel substructure & superstructure rehabilitation. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily SiteManager daily reports for all activities. Client: LaDOTD. Contact: Scott Lobell, (225) 675-5320.
11/2012-12/2019	Coastal Bridge LLC. – Baton Rouge Quality Control Assistant Manager Performed duties as QC for Coastal Bridge including daily lab testing for various LADOTD, Parish and Private clients.
05/2012-10/2012	Waskey Bridge, LNC. – Baton Rouge Quality Control Performed duties as QC for Waskey Bridge including gradation and moisture content tests, as well as sampling and testing for slump, air, and temperature.
09/1981 - 10/2011	LADOTD Construction Engineer Tech. 7 – Baton Rouge, Construction Engineer Technician Over the course of Mr. Rousseau's time as a LADOTD Construction Engineer Technician his duties varied. Assigned to supervise and inspect work in the field consisting of inspecting bridge construction, asphalt and concrete roadway construction, drainage installation, cement treated and limestone bases on major projects. Perform as a Supervisor in charge on a project where I compute estimates and quantities daily and monthly. I compute final estimate for the project, also help with the preparations of the plans changes for control payments to contractors and put together the 2059's at the end of the project. Perform and or supervise the samples of materials for projects, able to interpret samples procedures and tests results, and to ensure compliance with DOTD specification and sample plan, and to read and interpret blueprints. Consult daily with contractors on issues on the project, phasing of work, traffic control, also making decisions to resolve problems with all the issues at hand.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Jeff Puissegur		Years of relevant experience with this employer
Title	Senior Inspector		<1
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 (Bridge and Road) and Backup Lead 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	<ul style="list-style-type: none"> Over 16 years of inspection experience, including many recent LaDOTD LPA CE&I road projects. Certified by LaDOTD in PCC Paving, Embankment and Base Course, and HMA (Asphalt Concrete) Paving Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. 		
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; 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.		
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: ≈\$4,500,000. 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; 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.		
07/16 – 05/20	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 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.		

Jeff Puissegur (Continued)

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. Role: 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.
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: 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 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; 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.
11/23 – 02/24	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: 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.
09/16 – 02/17	H.007277.6 – Lake Forest Boulevard Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of 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; 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.
01/21 – 12/21	Milneburg Group B (FRC) Streets Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$7,400,000. 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; 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.

16. Staff Experience:

Firm employed by		Greenman-Pedersen, Inc.	
Name	Philip "Joey" Guedry	Years of relevant experience with this employer	3
Title	DOTD Certified Lead Inspector	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA LA State Specific Traffic Control Supervisor / 5-2027 ATSSA Certified Flagger / 07-2027 LADOTD Structural Concrete Inspector / 4-2028 LADOTD PCC Paving Inspector / 10-21-2024 LADOTD Embankment and Base Course Inspector / 07-2028 LADOTD Asphalt Paving Inspector/Technician / 04-2028 LADOTD Authorized Density Tester LADOTD Authorized Concrete Field Tester SSPC Level 1 Bridge Coatings Inspector / 06-2026	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Primary Inspector (Bridge)	
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 time specified in the applicable MPR(s).		
04/2023-Present	LADOTD – H.011965 – LA 47: IWGO Bridge Rehabilitation (HBI), Orleans Parish, Lead Inspector. This project includes major structural rehabilitation and cleaning & painting of the concrete and steel superstructure and substructure of the LA 47 "Green Bridge" crossing the Intracoastal Waterway Gulf Outlet in District 02. Duties includes quality assurance inspection of structural steel rehabilitation, cleaning and painting operations, and concrete patching of the existing structure, oversight of other inspectors, sampling/testing of materials, and maintaining daily construction records with Headlight. Client: LaDOTD. Contact: Justin Guilbeau (504) 253-6102		
09/19- 03/2023	LaDOTD. Project - H.011670 – I-10/Loyola Interchange Improvements Design-Build. Certified Construction Inspector for OV Firm. His duties include inspection of precast concrete piles, erecting of structural steel tub and precast/prestressed concrete LG girders, inspection of high-strength bolt installation & tightening; installation of stay-in-place (SIP) forms; placement of concrete approach slabs; reinforced concrete bridge piers; precast reinforced concrete box installation. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily HeadLight/SiteManger reports for all activities. Client: LADOTD, Contact: Timothy Nickel, (225) 379-1110		

05/19-09/19	LaDOTD H.012343.6 Sunshine MRB La70 Phase III Rehab Donaldsonville LA. Certified Construction Inspector - Full CE&I services under the Statewide 4400005410 Retainer Contract. This project includes the inspection of structural rehabilitation of the structural steel superstructure and substructure, replacement of finger joints, and replacement of the top chord safety handrail of the main truss of the Mississippi River Sunshine Bridge. Duties include all QA on all aspects of project such as: concrete and steel substructure & superstructure rehabilitation. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily SiteManager reports for all activities. Client: LaDOTD. Contact: Scott Lobell, (225) 675-5320.
05/19 – 09/19	LADOTD Project – H.002281 - LA 66: Big Bayou Sara Bridge Rehabilitation (Historic Bridge), West Feliciana Parish, Certified Construction Inspector Full CE&I services under the Statewide 4400005410 Retainer Contract. This project includes the structural steel rehabilitation of the pony trusses, installation of new steel girders, replacement of the concrete deck and approaches, cleaning and painting the structural steel and concrete piers, and the installation of scour protection. Duties include all QA on all aspect of the project such as: structural concrete and deck replacement. Directly involved in all testing/sampling of materials used on project. Maintaining daily coating inspection reports as well as daily SiteManager reports for all activities. Client: LaDOTD. Contact: Dane LeCoq, (225) 683-5548
09/15 – 05/19	Quality Control Technician, Coastal Bridge Inc. Performed Quality Control inspections and testing of installed materials for multiple Louisiana DOTD projects. Duties included field sampling and testing of installed HMA paving and patching, in-place soil cement and stone base courses.
2012 – 2015	Louisiana DOTD Engineering Technician 1 to 4. Served as construction inspector for LADOTD District 61/Gang 206 for the construction activities of that office. Duties included field inspection of contractor's work for construction contracts of varying scope and sizes, documented field activities in SiteManager and other documentation, measured installed quantities and recorded in field books and SiteManager, perform field sampling and testing of materials to be incorporated in construction projects, assisted higher level field technicians and engineers in project inspections. Projects included HMA paving & patching, structural concrete, subsurface drainage, and structural steel rehabilitation. Contact: Aaron Elisar, (225) 474-2022

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		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		Role: Primary Inspector (Road) 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	<ul style="list-style-type: none"> Over 12 years of inspection experience, including many road projects. Certified by LaDOTD in HMA (Asphalt Concrete Paving) (successfully completed all written exams and performance evaluation with District 62 by 2/5/2025 and is currently awaiting processing of paperwork by DOTD for certification card) 		
04/21 – 12/21	Milneburg Group B (FRC) Streets Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$7,400,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.		
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); and prepared redline as-built plans.		
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); and 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; and assisted with the preparation of project closeout documentation.		

Keith Schulz (Continued)

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); and 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 Greenman-Pedersen, Inc.				
Name	Hunter Ross Vining		Years of relevant experience with this employer	2
Title	Certified Construction Inspector		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Major in Management with Minor in Safety Technology		
Active registration number / state / expiration date		LADOTD Certified Structural Concrete Inspector Certified Traffic Flagger OSHA 10 OSHA 30		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Backup Inspector (Bridge)		
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).			
04/22-Present	LaDOTD – H.001234 – LA 1: Port Allen Canal Bridge Replacement (HBI), Construction Inspector (GPI) This project that includes the construction of a new major steel and concrete bridge over the Port Allen Lock canal connecting to the Mississippi River. Duties include quality assurance inspection of pile driving, structural concrete substructure and superstructure, base course, and HMAC paving. Client: LaDOTD			
05/23 – 01/24	LaDOTD – H.011965 – LA 47: IWGO Bridge Rehabilitation (HBI), Orleans Parish, Certified Inspector. This project includes major structural rehabilitation and cleaning & painting of the concrete and steel superstructure and substructure of the LA 47 “Green Bridge” crossing the Intracoastal Waterway Gulf Outlet in District 02. Duties includes quality assurance inspection of structural steel rehabilitation, cleaning and painting operations, and concrete patching of the existing structure, sampling/testing of materials, and maintaining daily construction records with Headlight. Client: LaDOTD. Contact: Justin Guilbeau (504) 253-6102			
06/20-04/22	LaDOTD H.011670 Loyola Drive at I-10 Interchange Improvements Kenner LA. Quality Control Inspector (Gilchrist Construction) (6/20-4/22) - This project consists of the construction of twin elevated ramps over I-10 to the New Orleans International Airport, widening I-10 between Loyola and Williams Boulevard, and the construction of the first Diverging Diamond Interchange (DDI) in Louisiana. Duties included quality control inspection of structural concrete, pile driving, steel tub girders, and drainage systems and structures. Directly involved in all testing/sampling of materials used on project. Client: LaDOTD			

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)	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			Role: Backup Inspector (Road) 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 – Ongoing	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) Streets Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$7,400,000. 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 (Bridge) 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		Greenman-Pedersen, Inc.	
Name	Amanda Bankston		Years of relevant experience with this employer
Title	Contract Support Specialist		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		LADOTD Specialty Areas in: Asphalt Pavement & Excavation and Embankment	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Document Control	
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).		
13 years of experience	<p><i>Ms. Bankston has 12 years of experience as Contract Support Specialist for GPI's Baton Rouge operations her primary responsibilities are to collect, review, and maintain project documentation and records of a project to ensure compliance with State and Federal requirements and contract specifications including the review of contractor payrolls and EEO compliance. She is experienced in the assembly of final LADOTD project documentation and has completed many project closeouts packages successfully on the first submittal. Ms. Bankston served as an Office Manager for a LADOTD Project Engineer's office from 2014 to 2018, Ms. Bankston. Knowledgeable in Department procedures and methods, her experience includes the generation and review of partial estimates in SiteManager, fuel, and asphalt adjustments, assembling sampling plans and 2059s, tracking material samples and tests, and maintaining stockpile payments.</i></p>		
12/2022 - Present	<p>LADOTD – H.011965 – LA 47: IWGO Bridge Rehabilitation (HBI), Orleans Parish, Ms. Bankston's responsibilities include generating the monthly partial estimate, reviewing contractor payrolls, monthly invoices for LADOTD, and checking over monthly expense reports. Ms. Bankston also does SiteManager sample IDs for this project. She also is assembling the final project documentation package and 2059 for LADOTD submittal.</p>		
12/2021-Present	<p>Project H.010724 – Pecan Island Rd. over the Chenal, Pointe Coupee Parish, Ms. Bankston's responsibilities include generating the monthly partial estimate, reviewing contractor payrolls, monthly invoices for LADOTD, and checking over monthly expense reports. Ms. Bankston also does SiteManager sample IDs for this project. She also is assembling the final project documentation package and 2059 for LADOTD submittal.</p>		
10/2021 – 4/24	<p>H.010000 – US 171: Calcasieu River Bridge Repairs (HBI), Calcasieu Parish, Ms. Bankston's responsibilities include checking over expense reports, monthly invoices for LADOTD, and organizing employee lodging. Ms. Bankston also does SiteManager sample IDs for this project.</p>		
9/2021 – 11/22	<p>H.003370 – I-20/I220 Interchange Improvements and Barksdale AFB Access Design-Build, Bossier Parish Ms. Bankston's responsibilities include checking over expense reports, monthly invoices for LADOTD, and organizing employee lodging. Ms. Bankston also does SiteManager sample IDs for this project.</p>		
08/2018 – 10/20	<p>H.012343-Sunshine Bridge Phase III Ms. Bankston's responsibilities include generating the monthly partial estimate, monthly invoices for LADOTD, and checking over monthly expense reports. She also is assembling the final project documentation package and 2059 for LADOTD submittal.</p>		

08/2018 – 07/22	H.002281-Bayou Sara Bridge Rehab Ms. Bankston's responsibilities include generating the monthly partial estimate, reviewing contractor payrolls, monthly invoices for LADOTD, and checking over monthly expense reports. Ms. Bankston also does SiteManager sample IDs for this project. She also is assembling the final project documentation package and 2059 for LADOTD submittal.
10/2018 – 04/2019	H.012343 – CHANGE ORDER 3 – LA 70. Emergency Repairs to Sunshine Bridge, St. James Parish, Office Manager (10/18 – 4/19). This emergency repair project to the Sunshine Bridge was added by change order to the H.012343 Project. The bridge main span was critically damaged by an allision of a passing river vessel to the lower truss chord requiring the full closure of the bridge to vehicular traffic. Duties included review and organization of force account records including daily inspection records, material reports, invoices, and other related documentation and has assisted the DOTD legal counsel in assembling, summarizing, and submitting repair documentation. Client: LADOTD. Contact: Scott Lobell, (225) 675-5320.
01/2019- 6/2020	H.011484- US 80: Texas Street Bridge Ms. Bankston's responsibilities include checking over expense reports, monthly invoices for LADOTD, and organizing employee lodging. Ms. Bankston also does SiteManager sample IDs for this project.
05/2015–06/2016	H.010598- Derrick Road Bridge, Office Manager (DOTD). Ms. Bankston's responsibilities included setting up the preconstruction meeting and project packet. Started the project folder where she oversaw all the documents for the project. Did the monthly partial estimate as well as reviewed contractor payrolls. Assisted in the 2059 being completed and turned in for approval. Completed the final estimate and the final change order. Assembled and delivered the final project package needed for Construction Audit including all the original signed change orders, correspondence, signed As-builts, 2059, field books, and any job specific documents for the project.
10/2015–10/2017	H.010653- LA 986 Sidewalks, Office Manager (DOTD). Ms. Bankston's responsibilities included setting up the preconstruction meeting and project packet. Started the project folder where she oversaw all the documents for the project. Did the monthly partial estimate as well as reviewed contractor payrolls. Assisted in the 2059 being completed and turned in for approval. Completing the final estimate and the final change order. Assembled and delivered the final project package needed for Construction Audit including all the original signed change orders, correspondence, signed As-builts, 2059, field books, and any job specific documents for the project.
05/2015–12/2015	H.011736- US 190 Tree Trimming, Office Manager (DOTD). Ms. Bankston's responsibilities included setting up the preconstruction meeting and project packet. Started the project folder where she oversaw all the documents for the project. Did the monthly partial estimate as well as reviewed contractor payrolls. Assisted in the 2059 being completed and turned in for approval. Completing the final estimate and the final change order. Assembled and delivered the final project package needed for Construction Audit including all the original signed change orders, correspondence, signed As-builts, 2059, field books, and any job specific documents for the project.
06/2016–07/2018	H.011224- US 190 Guardrail Office Manager (DOTD). Ms. Bankston's responsibilities included setting up the preconstruction meeting and packet. Started the project folder where she oversaw all the documents for the project. Did the monthly partial estimate for this project as well as reviewed contractor payrolls.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Linda Bartlett		Years of relevant experience with this employer	1
Title	Senior Environmental Consultant		Years of relevant experience with other employer(s)	49
Degree(s) / Years / Specialization			Bachelor of Science / 1975 / Chemical Engineering	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Role: Permitting and Environmental Responsibilities: Review permits, environmental clearance documents, and other related information to ensure construction complies with federal, state, and local laws, rules, regulations, and ordinances.	
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).			
07/75 – Present	<ul style="list-style-type: none">• 50 years of facility environmental support, process and project engineering, operations, management and environmental consulting.• Experience in air, water and waste compliance and permitting.• Expertise in air quality including Clean Air Act (CAA) Title V and Prevention of Significant Deterioration (PSD) permitting, compliance management and environmental personnel training and development.			
02/23 – Present	Alpha Olefins Plant Construction and Refinery Conversion to Chemicals Owner: Confidential Chemical Manufacturer 1. Scope: Environmental regulatory support for multi-billion dollar suite of chemical plant construction projects. Cost: ≈\$250,000. Role: Senior Environmental Consultant. Providing permitting strategy, regulatory applicability and communication tools converting refinery to chemicals production including greenhouse gas mitigation. Evaluating impact of current and proposed National Emission Standards for Hazardous Air Pollutants (NESHAP) and New Source Performance Standards (NSPS). Developing air permit compliance action list for project execution.			
08/21 – 08/22	Chemical Plant Hazardous Air Pollutant Standards Review Owner: Confidential Chemical Manufacturer 2. Scope: Evaluated impact of National Emission Standards for Hazardous Air Pollutants (NESHAP) on plant operations and compliance. Cost: ≈\$520,000. Role: Project Manager. Led a project team of six for NESHAP compliance with new regulations for a chemical producer transitioning from area source to major source status.			
01/16 – 06/19	Calcasieu Pass and Plaquemines Liquefied Natural Gas Projects Clean Air Act Permitting Owner: Venture Global LNG. Scope: Clean Air Act (CAA) Title V and Prevention of Significant Deterioration (PSD) permit applications. Cost: ≈\$3,500,000. Role: Project Manager. Led CAA Title V and PSD permitting for two liquefied natural gas plants including power and concrete batch facilities (\$14 billion capital) with a team of twenty. Facilities include Class I, Class II, and Hazardous and Louisiana Toxic Air Pollutants major source considerations and modeling. Provided agency liaison with Louisiana Department of Environmental Quality (LDEQ) permit writers and management.			

Linda Bartlett (Continued)

01/09 – 08/13	<p>Petrochemical Complex Environmental Manager Owner: Motiva Enterprises / Shell Chemical Company. Scope: Refinery and two Olefins plants; environmental compliance and capital project support. Cost: ≈\$6,000,000 per year. Role: Environmental Manager. Led environmental support team of ten with annual budget of \$6 million. Provided permitting for capital projects, turnarounds, and plant changes with emerging regulations (e.g. NSPS Ja). Managed permitting for capital budget of \$300 to \$400 million per year with aggressive schedule (environmental contractor budget of \$2 million). Provided agency negotiations and customer interface (management, engineers, business planning, and operations). Combined Shell and Motiva environmental departments. Representative on Louisiana Midcontinent Oil and Gas Association (LMOGA) Refinery Environmental Manager's Committee. Developed and executed strategic compliance plans/projects for new regulations and Consent Decrees. Streamlined management and customer interface tools. Facilitated environmental leadership team. Led interface team during Environmental Protection Agency (EPA)/LDEQ inspections and internal audits including Shell Control Framework. Coordinated five ongoing CAA 114 responses (NSR and flare focused) including agency negotiations. Provided permitting negotiations, e.g. butadiene Ambient Air Quality Standards exceedance. Led development of Norco Manufacturing Complex Environmental Awareness Training (Shell Executive Vice President award nomination).</p>
---------------	---

16. Staff Experience:

Firm employed by Eustis Engineering L.L.C.			
Name	Travis R. Richards, P.E.		Years of relevant experience with this employer
Title	Vice President of Testing and Senior Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Graduate Certificate / 2018 / Coastal Engineering Master of Science / 2017 / Engineering Master of Science / 2015 / Engineering Management Bachelor of Science / 1998 / Civil Engineering	
Active registration number / state / expiration date		License No. 30992 / Louisiana / 3-31-2025	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Richards is responsible for the quality oversight of technical functions/performance of the soil mechanics' laboratory testing. As a Professional Engineer in Civil Engineering registered in Louisiana, with more than five years' experience and comparable experience in the testing and acceptance of construction materials on LaDOTD projects, Role 5 of the Minimum Personnel Requirements in this Advertisement.	
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).		
03/20 – 03/2025 (Estimated)	LaDOTD, I-10 and I-12 College Drive Flyover Ramp Design-Build Project (B0646): Major features of this project include a flyover ramp exit to College Drive, a modified exit from I-12 West, and a parallel, separated at-grade ramp along I-10 West to the existing College Drive Interchange. Services for this project included undisturbed borings, auger borings, and cone penetration tests. Eustis Engineering also provided laboratory testing including Atterberg limits tests, hydrometer analyses, and one-dimensional consolidation tests. Design services are being provided for seven different major project features. Geotechnical design project features include driven pile and drilled shaft foundation design, slope stability analyses, embankment evaluations, roadway pavement design, and developing load test programs. Eustis Engineering witnessed the bi-directional static load test on the test/job shaft to confirm job shaft embedments. We also performed dynamic pile testing (DPT) with our pile driving analyzer (PDA) and performed signal matching on these data to confirm driven pile embedments on piles installed during Phases 1 and 2. Mr. Richards provided quality review of the laboratory testing services and the CPT results.		
01/21 – Ongoing	LaDOTD, Bayou Barataria Bridge Replacement, Jefferson Parish, Louisiana (24515.00-.03): The goal of this project is a full replacement of the Bayou Barataria Bridge. Eustis Engineering obtained relevant permits and land access, and drilled 24 borings over water, marsh, and pavement. Geotechnical analyses include vertical and lateral pile analyses, pile group settlement, ground settlement, settlement surcharge/remediation, retaining wall recommendations, slope stability, and pavement design. Mr. Richards oversaw the laboratory testing services and reporting. He adjusted the gINT® database/library to allow for LaDOTD requested formatting and report generation to complete the data report. He has also been involved with quality control oversight of the construction phase service testing and reporting.		

08/18 – 11/18	LaDOTD, Girder Span Bridge Repairs, Earhart Expressway and Clearview Parkway Interchange, Metairie, Louisiana (23954): This project included quality control inspections and testing of concrete and grout, as well as a special inspector for high strength grout. Mr. Richards was Project Manager for this work.
---------------	---

16. Staff Experience:

Firm employed by Eustis Engineering L.L.C.			
Name	Matthew K. Morales, P.E.		Years of relevant experience with this employer
Title	Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Bachelor of Science / 2008 / Civil Engineering		
Active registration number / state / expiration date	38211 / Louisiana / 9-30-2025		
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Mr. Morales routinely performs design analyses and reviews the geotechnical aspects of plans and specifications for local/municipal and state government projects, federal projects, and industrial clients. He is familiar with regulations, policies, procedures, and standards for these various stakeholders. Mr. Morales will meet Minimum Personnel Requirement No. 5. He is a registered professional engineer in the State of Louisiana with over ten years of geotechnical engineering experience involving Louisiana soils and bridge structures and including the testing and acceptance of construction materials on LaDOTD Projects and similar projects.		
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).		
01/21 - Ongoing	LaDOTD - Bayou Barataria Bridge Replacement, Jefferson Parish, Louisiana (24515.00-.03): The goal of this project is a full replacement of the Bayou Barataria Bridge. Eustis Engineering obtained relevant permits and land access, and drilled 24 borings over water, marsh, and pavement. Geotechnical design analyses include vertical and lateral pile capacity with and without scour, pile group settlement, ground settlement, settlement surcharge/remediation, retaining wall recommendations, slope stability, and pavement design. Engineering during construction (EDC) includes Wave Equation Analysis of Piles (WEAP) driveability, dynamic pile testing with signal matching, and development of a vibration monitoring plan. Mr. Morales has been responsible for performing internal reviews of the engineering analyses, the geotechnical data report, and the geotechnical design report completed for this project. He is also leading the EDC efforts.		
03/20 - Ongoing	LaDOTD, I-10 and I-12 College Drive Flyover Ramp Design-Build Project, East Baton Rouge Parish, Louisiana (B0646): Services for this project included undisturbed borings, auger borings, and cone penetration tests. Eustis Engineering also provided laboratory testing including Atterberg limits tests, hydrometer analyses, and one-dimensional consolidation tests. Design services are being provided for seven different major project features. Mr. Morales is the geotechnical design engineer for all project features, which include driven pile and drill shaft foundation design, slope stability analyses, retaining wall design, embankment evaluations, roadway pavement design, and developing load test programs. Eustis Engineering evaluated the results of the bi-directional load test performed on a drilled shaft, performed dynamic pile testing with signal matching to verify pile load capacity estimates, and reviewed installation logs of the production shafts and piles. Mr. Morales’ responsibilities on this project include performing engineering design work for the project features in a timely manner, allowing construction operations to progress with minimal delays. He has reviewed submittals and test results for the subgrade layer and pavement base aggregates.		

06/22 – 01/24	<p>LaDOTD – I-10/City Park Bridge Replacement (24821.00-.01): Eustis Engineering performed a geotechnical peer review for the proposed City Park crane trestle piles for the I-10/City Park Bridge Replacement project in Baton Rouge, Louisiana. In order to perform the peer review, Eustis Engineering was furnished Kiewit’s design memorandum which outlined the design assumptions associated with the trestle bridge design performed by Kiewit. After authorization, Eustis Engineering was requested to perform independent geotechnical engineering analyses as part of this review. The limited geotechnical analyses included development of axial pile load capacity curves and lateral load analyses of the proposed pile groups to compare with the analyses performed by Kiewit. Eustis Engineering also performed dynamic pile tests (DPTs) on five job piles for the project. As Project Manager, Mr. Morales spent approximately 70 hours performing analyses for this review and continuing leadership through the DPT portion of the project.</p>
04/16 – 03/17	<p>Baton Rouge City-Parish Government – Sanitary Sewer Overflow Program (BTRSSO), Pointe-Marie Regional Pump Station and Force Main Tie-In, Baton Rouge (East Baton Rouge Parish), Louisiana (B0367): Eustis Engineering provided construction materials testing services for this East Baton Rouge project. Our construction materials testing services included soil mechanics laboratory tests to evaluate the moisture density relationship of the proposed fill materials to establish the Proctor curves. We then conducted nuclear density testing in the field to verify conformance to the project specifications. Our certified technicians also sampled concrete during placement and molded cylinders for compressive strength testing in accordance with LaDOTD TR 226. Mr. Morales provided oversight of the field and laboratory operations, scheduling and reporting operations as the engineer in responsible charge.</p>
11/23 - Ongoing	<p>LaDOTD – LA Highway 415 to Essen Lane on I-10 and I-12, Phase I: West of Washington Street to Essen Lane, Phase I, Segment 01: West of Washington Street to Acadian Thruway, Route I-10, West and East Baton Rouge Parish, Louisiana (B0771): Eustis Engineering is providing Quality Assurance testing for DOTD’s CE&I on a portion of this CMAR project. Concrete cylinders molded in the field by the construction inspectors on the self-consolidating concrete are being delivered to our laboratory for cutting, capping and compressive strength testing. Classification and compaction testing are also being performed in our laboratory on proposed backfill materials. Classification testing on sand backfill includes sieve testing to develop a particle size distribution curve. Compaction testing in the laboratory on sand backfill followed TR 418 (Method A). Mr. Morales has provided quality checks on the testing and reporting operations for this project.</p>

16. Staff Experience:

Firm employed by Eustis Engineering L.L.C.				
Name	Chad M. Ortolano		Years of relevant experience with this employer	11
Title	Senior CMT Technician		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			High School Graduate / 2007	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Ortolano will provide a variety of CMT services for this project as needed. He is an ACI-certified concrete field-testing technician, has NICET CMT certifications in Soil, Asphalt, and Concrete (Level II for all), and holds a HAZMAT Certification for Nuclear Gauges.	
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).			
01/21 – Ongoing	LaDOTD - Bayou Barataria Bridge Replacement, Jefferson Parish, Louisiana (24515.00-.03): The goal of this project is a full replacement of the Bayou Barataria Bridge. Eustis Engineering obtained relevant permits and land access, and drilled 24 borings over water, marsh, and pavement. Geotechnical design analyses include vertical and lateral pile capacity with and without scour, pile group settlement, ground settlement, settlement surcharge/remediation, retaining wall recommendations, slope stability, and pavement design. Engineering during construction (EDC) includes Wave Equation Analysis of Piles (WEAP) driveability, dynamic pile testing with signal matching, and development of a vibration monitoring plan. Mr. Ortolano logged piles in support of this effort.			
03/20 – Ongoing	LaDOTD, I-10 and I-12 College Drive Flyover Ramp Design-Build Project, East Baton Rouge Parish, Louisiana (B0646): Services for this project included undisturbed borings, auger borings, and cone penetration tests. Eustis Engineering also provided laboratory testing including Atterberg limits tests, hydrometer analyses, and one-dimensional consolidation tests. Design services are being provided for seven different major project features. The project features include driven pile and drill shaft foundation design, slope stability analyses, retaining wall design, embankment evaluations, roadway pavement design, and developing load test programs. Eustis Engineering evaluated the results of the bi-directional load test performed on a drilled shaft, performed dynamic pile testing with signal matching to verify pile load capacity estimates, and reviewed installation logs of the production shafts and piles. Mr. Ortolano performed fieldwork as well as put in many hours in the laboratory performing tests.			

16. Staff Experience:

Firm employed by Eustis Engineering L.L.C.				
Name	Bryan E. Byrne		Years of relevant experience with this employer	24
Title	Senior CMT Technician		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			Associate of Applied Science / 1999 / Electrical Engineering	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Byrne has the skills to assist the various departments of Eustis Engineering. His primary duty is as a senior construction materials testing technician. He routinely performs in-place nuclear density testing of soils and aggregates associated with construction projects. He logs the installation of deep foundations (driven piles, augered piles and drilled shafts). He performs concrete inspections and testing, including special inspections. He also leads the operation and testing of floor flatness.	
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).			
01/21 - Ongoing	LaDOTD - Bayou Barataria Bridge Replacement, Jefferson Parish, Louisiana (24515.00-.03): The goal of this project is a full replacement of the Bayou Barataria Bridge. Eustis Engineering obtained relevant permits and land access, and drilled 24 borings over water, marsh, and pavement. Geotechnical design analyses include vertical and lateral pile capacity with and without scour, pile group settlement, ground settlement, settlement surcharge/remediation, retaining wall recommendations, slope stability, and pavement design. Engineering during construction (EDC) includes Wave Equation Analysis of Piles (WEAP) driveability, dynamic pile testing with signal matching, and development of a vibration monitoring plan. Alongside his typical duties of CMT Technician, Mr. Byrne assisted in the laboratory during this effort.			
03/20 - Ongoing	LaDOTD, I-10 and I-12 College Drive Flyover Ramp Design-Build Project, East Baton Rouge Parish, Louisiana (B0646): Services for this project included undisturbed borings, auger borings, and cone penetration tests. Eustis Engineering also provided laboratory testing including Atterberg limits tests, hydrometer analyses, and one-dimensional consolidation tests. Design services are being provided for seven different major project features. The geotechnical design features include driven pile and drill shaft foundation design, slope stability analyses, retaining wall design, embankment evaluations, roadway pavement design, and developing load test programs. Eustis Engineering evaluated the results of the bi-directional load test performed on a drilled shaft, performed dynamic pile testing with signal matching to verify pile load capacity estimates, and reviewed installation logs of the production shafts and piles. In support of this large effort, Mr. Byrne rolled limits and processed samples in our laboratory during testing processes.			

16. Staff Experience:

Firm employed by	C. H. Fenstermaker & Associates, L.L.C.		
Name	Travis Bodin, MBA, PLS, PMP	Years of relevant experience with this employer	20
Title	Vice President, Survey and Mapping	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	B.S. / 2004 / Industrial Technology MBA / 2021 / Business Administration		
Active registration number / state / expiration date	5067 / LA / 03-31-2026		
Year registered	2011	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Fenstermaker Principal; ATSSA TCS, TCT, Flagger		
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).		
<p>Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.</p>			
05/19 – 03/21	<p>S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary surveys, established control, processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the ~0.75 miles Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD right-of-way maps along with COGOWIN legal descriptions were created. Mr. Bodin is serving as Project Principal and providing QA/QC for this project.</p>		
04/15 - 02/19	<p>Coach Williams Boulevard Extension (Calcasieu Parish, LA) The Coach Williams Boulevard Extension in Calcasieu Parish, LA is a \$20 million project that involves the design of a 3-mile roadway. The new roadway is a 2-lane open ditch typical section, which features a roundabout, a railroad crossing, and a Sabine River Authority Canal crossing. The project passes through several wetland areas. Mr. Bodin was the Project Manager and Lead Surveyor, responsible for coordinating the abstracting, topographic survey, and generation of all right of way and servitude plats.</p>		
08/14-06/18	<p>Corbello Road Bridge Replacement (Calcasieu Parish, LA) Fenstermaker contracted Fenstermaker to provide professional engineering services related to the replacement of the bridge located on Corbello Road approximately 0.79 miles north of the intersection of Hwy 3059. Fenstermaker performed a property and topographic survey as required for the design of the project. Other survey work included identifying existing utilities, and establishing a baseline for Horizontal Control. Mr. Bodin directed the utility marking and coordination, processed data, oversaw field crew tasks, created right-of-way plats, reviewed the final topographic base map (TBM), and reviewed property legal descriptions.</p>		



04/12-09/13	Baker Canal Bridge (US 61) (East Baton Rouge Parish, LA) As a subconsultant to Huval and Assoc., Inc, Fenstermaker's responsibilities were to survey the existing project extents for the creation of an accurate DTM of the project area, create construction plans, demolition of the existing bridge, and construction of a detour bridge.
11/18-05/19	Farm Road Bridges Project (Calcasieu Parish, LA) Fenstermaker was contracted by Calcasieu Parish Police Jury to provide professional engineering services related to the replacement of two (2) bridges located on Farm Road. Mr. Bodin assisted with survey crew coordination, the review of data collection and boundary surveys.
11/17-04/18	I-10: Texas State Line–E. of Coone Gully – Roadway Lighting (Calcasieu Parish, LA) As a sub, Fenstermaker provided surveying services on this project, which entailed widening 10.5 miles of I-10 to six lanes from the Texas state line to east of LA 108, replace and widen 10 bridges, and replace the eastbound weigh-in-motion system. Fenstermaker performed a utility location survey for subsurface and above-ground utilities and a Mobile LiDAR Survey to capture 3D topographic data including existing ground and hard surfaces. Fenstermaker collected data on existing drainage structures, communication towers, billboard signs, trees, other overhead structures, and on the edge of the existing roadway/pavements. Mr. Bodin was responsible for QA/QC of survey, as well as data review and reporting related to LiDAR.
01/13-03/13	I-20 Drainage Canal Bridge Survey As a subconsultant to Huval and Assoc., Inc, Fenstermaker's responsibilities were surveying the existing extents of the project area and locating existing drainage, road, and utilities in the area for creation of a CAD file, Digital Terrain Model (DTM), and Microstation deliverables.
08/11-04/12	Jackson Street Bridge Topographic Survey-Red River (Rapides Parish, LA) Fenstermaker was a subconsultant to Huval and Assoc., Inc. Fenstermaker's responsibilities included surveying, generating plats for the existing right of way, and drafting construction drawings for an access road and right of way maps for the proposed right of way takes. Mr. Bodin worked as the survey crew coordinator coordinating the survey crews, created the right of way maps required for the project and was the Surveyor of Record for the project.
03/10-09/18	Lebesque Road Bridge Replacement and Road Reconstruction (Lafayette Parish, LA) Fenstermaker was contracted by Lafayette Consolidated Government to provide the design of the replacement of Lebesque Bridge and Lebesque Road Reconstruction. Mr. Bodin served as survey principal and provided oversight of survey crew coordination, right-way and boundary surveys, title research, utility coordination, topographic and bathymetric surveys, and the processing of survey data.
04/13-10/20	Acadiana Regional Airport Access Road (Iberia Parish, LA) This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-foot extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Bodin served as Project Surveyor.
03/19-ongoing	Calcasieu Parish Regional Watershed Modeling and Planning (Calcasieu Parish, LA) Fenstermaker provided surveying services within the project area in support of the modeling efforts for the project. The survey tasks consisted of the collection of roadside ditch inverts, cross drains, high and low cords on existing bridge decks, along with documentation of the existing conditions of the crossings. Mr. Bodin served as the survey director on this project, overseeing all survey tasks and ensuring all data is collected was in conformance with FEMA survey standards.

16. Staff Experience:

Firm employed by	C. H. Fenstermaker & Associates, L.L.C.		
Name	Bradford Millett, PLS, EI	Years of relevant experience with this employer	11
Title	Surveyor	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2014 / Civil Engineering		
Active registration number / state / expiration date	PLS 5245 / LA / 03-31-2025 ATSSA TCS, TCT, Flagger		
Year registered	PLS – 2020	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Surveyor		
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).		
<p>Ms. Millett is a Professional Land Surveyor whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies, and Surveying Divisions.</p>			
05/15-08/17	<p>Coach Williams Drive Extension & Roundabout (Calcasieu Parish, LA) This project consisted of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This roadway design project was complex because construction impacted approximately 5.7 acres of jurisdictional wetlands, crossed over abandoned borrow pits, crossed the Sabine River Irrigation Canal, and crossed an operating railroad spur. This project included 3-miles of new 2-lane roadway with sidewalks and intersection improvements including a roundabout and turning lanes. Fenstermaker was the prime on this project and was responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. Fenstermaker also conducted the surveying required to design the road. Ms. Millett’s responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.</p>		
05/19 – 03/21	<p>S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary field surveys, established control, processed data, reviewed title reports, established property boundaries and mapped encumbrances for the approximately 0.75-mile Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD Right of Way maps along with COGOWIN legal descriptions were created. Ms. Millett served as the Project Manager.</p>		
02/22-ongoing	<p>Spanish Trail Industrial Park Access Road (St. Martin Parish, LA) Fenstermaker provided professional engineering and survey services to extend Lake Talon Road to LA 182 (Old Spanish Trail Highway) with an at-grade intersection in St. Martin Parish. Fenstermaker assisted the Parish with all planning efforts including preparing a traffic study, planning and coordinating with the BNSF railroad facility providing topographic survey services, preparing construction plans, preparing and submitting all required permits, and providing construction administration and inspection services. Fenstermaker managed subconsultants for traffic study and geotechnical investigation services. Ms. Millett oversaw the topographic survey tasks, coordination with BNSF railway for survey services, submitted LA One Call tickets for utility coordination, and processed and reviewed survey data.</p>		



07/13-09/17	Kaliste Saloom Road Widening, Ambassador Caffery Pkwy to E. Broussard Rd, (Lafayette Parish, LA) Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of Lafayette. The project included drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews.
02/18-02/23	Farm Road Bridges Project (Calcasieu Parish, LA) Fenstermaker was contracted by Calcasieu Parish Police Jury to provide professional engineering services related to the replacement of two (2) bridges located on Farm Road. Ms. Millett worked with the project engineer to complete the project control establishment and topographic survey required for this project.
06/23-ongoing	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 (Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, St. Mary, and Vermilion Parishes, LA) LADOTD selected Fenstermaker to provide all necessary engineering services required for development plans for the replacement of 14 bridges in District 03. Fenstermaker's services include researching eligible structures, coordinating with local stakeholders, and selecting structures for inclusion in the IIJA Off-System Bridge Program. Ms. Millett coordinated tasks for the survey field crews, processed collected survey data, reviewed boundary and topographic data, reviewed control sketches, and prepared survey deliverables for LADOTD.
04/16-09/18	Lebesque Road Bridge Replacement and Road Reconstruction (Lafayette Parish, LA) Fenstermaker was contracted by Lafayette Consolidated Government to provide the design of the replacement of Lebesque Bridge and Lebesque Road Reconstruction. Ms. Millett served as the lead surveyor, providing survey crew coordination, utility coordination, boundary surveys and right-of-way plats.
01/17-03/21	Sasol Chemicals (USA) LLC - Road Traffic Intersection Improvements (USA) LLC (Calcasieu Parish, LA) This project involved several intersection improvements on existing State Routes and in unincorporated areas of Calcasieu Parish to mitigate additional traffic from an LNG facility expansion. It involved roadway and drainage improvement design, as well coordination with the necessary agencies for QC reviews and permitting. Ms. Millett was responsible for quality control of maps and legal documentation, coordinating field crews, placing Louisiana One Call tickets for utility coordination, and preparing survey packets.
12/19-12/21	LA 675 Roundabout and Acadiana Regional Airport Access Road (Iberia Parish, LA) This project includes the design of a new roundabout at the intersection of LA 675, US 90 Frontage Road, and the Acadiana Regional Airport Access Road. Ms. Millett served as Lead Surveyor responsible for the topographic and boundary surveys, as well as the development and review of right of way maps.
11/22-ongoing	IDIQ Contract for Louisiana Watershed Initiative (LWI)–Region No. 6 Fenstermaker is contracted as a subconsultant for this unprecedented project that will manage the future flood risk in Louisiana through watershed-based solutions. Through TO 1, Fenstermaker is identifying, collecting, and analyzing available data, and stakeholder and agency coordination. Fenstermaker has acquired channel surveys and hydraulic structure data from existing models, studies, engineering drawings, as-built drawings, and through coordination with local, regional, state, and federal agencies. Fenstermaker is responsible for converting all acquired data to the project datum and confirming the validity of information compared to current field conditions to complete a data gap analysis. Ms. Millett served as the Survey Project Manager.
07/13-08/21	Apollo Road (LA 93) Ext to Dulles Dr. (Lafayette Parish, LA) Fenstermaker performed all topographic surveying of cross streets and road tie-ins, cross sections for the purpose of an existing elevation DTM, and locations of all parcel boundaries effected by the proposed right of way. Ms. Millett created the plats for the acquisition of servitudes and right of ways.

17. Firm Experience:

Firm name	Horizon Engineering, LLC		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)			15 (est.)
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			14 (est.)

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

Horizon is currently providing coating quality assurance services for Jefferson Parish, including review of the Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation; visual inspections; and environmental conditions, soluble salts, surface profile, and dry film thickness testing. Horizon's personnel led the overall interchange rehabilitation project while at their previous firm, including the design of this project, design of the first phase and future phases, and 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

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Independent Technical Review of Lakefront Airport Pump Station Temporary Retaining Structure Design				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	RNGD			
Project location	New Orleans, Louisiana			Owner's Project Manager	Stephen Abadie	
Owner's address, phone, email	1730 Tchoupitoulas Street, New Orleans, LA 70130 / (504) 620-8022 / sabadie@rngd.com					
Services commenced by this firm (mm/yy)		05/24	Total consultant contract cost (\$1,000's)			22
Services completed by this firm (mm/yy)		11/24	Cost of consultant services provided by this firm (\$1,000's)			22

Horizon Engineering, LLC (Horizon) performed an independent technical review (ITR) of the Lakefront Airport pump station temporary retaining structure (TRS) design. The TRS is required to facilitate construction of an approximately 123'x43'x28' deep reinforced concrete reservoir for a future 600 CFS pump station. The TRS is used to stabilize a 45' deep excavation in soft clays outside of flood protection prior to construction of the seal slab and reservoir. Horizon reviewed the TRS design and calculations and associated plans, specifications, geotechnical report, and construction phase geotechnical investigation information. Horizon prepared independent calculations for approximate TRS force effects and TRS components, including sheeting, walers, and struts, and a report summarizing the independent technical review. Horizon also performed ITRs of revised TRS designs.

Firm Members Involved: John Karlin and Ben Bartlett

17. Firm Experience:

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

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) prepared a conceptual planning study to investigate the subdivision of the site, drainage requirements, and improvements to access from US 441; prepared final plans and specifications; and is currently awaiting permit reviews. Horizon's duties include:

- Review of site zoning information/maps, topographic and boundary surveys, traffic studies, and geotechnical investigations and reports.
- Preparation of preliminary site plans illustrating potential configurations of commercial lots within the site.
- Hydrologic and hydraulic modeling, analysis, and design to determine subsurface drainage and detention pond requirements for multiple configurations of the site.
- Coordination with the Florida Department of Transportation (FDOT), Federal Aviation Administration (FAA), St. Johns River Water Management District, Orange County, and City of Apopka.
- Investigation of potential improvements to access from US 441, including the feasibility of widening the existing shared driveway and adding new driveways, turn lanes, and/or a signalized intersection.
- Coordination and relocation of utilities.
- Permitting assistance.
- Preparation of final plans and specifications, including site grading; subsurface drainage and detention pond; widening of existing asphalt pavement driveway, new Portland Cement Concrete (PCC) pavement driveway, concrete curbs, sidewalks, curb ramps, and pavement markings; potential signalized intersection and associated median modifications; and other miscellaneous features.
- Construction support.

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

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Zellwood Station Phase 3 Traffic Study				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)			54
Services completed by this firm (mm/yy)		12/24	Cost of consultant services provided by this firm (\$1,000's)			54

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.

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

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	CE&I/OV	
Project name	Temporary Traffic Control Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Royal Bridge Inc.		
Project location	Metairie, Louisiana			Owner's Project Manager	Emmanuel Chrysakis
Owner's address, phone, email	3601 Alt 19 North, Palm Harbor, FL 34683 / (727) 934-6042 / emmanuel@royalbridgeinc.com				
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)			8
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)			8

The Causeway Blvd./Airline Dr. Interchange was originally constructed in the 1950s and consists of 8 ramps, a 4-lane overpass, and an elevated traffic circle. Horizon Engineering, LLC prepared temporary traffic control (TTC) plans to facilitate the coating of Ramps 6 and 7 and the Overpass and installation of associated temporary works, such as containment systems and work platforms. The TTC plans include lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). The TTC plans were prepared in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

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

17. Firm Experience:

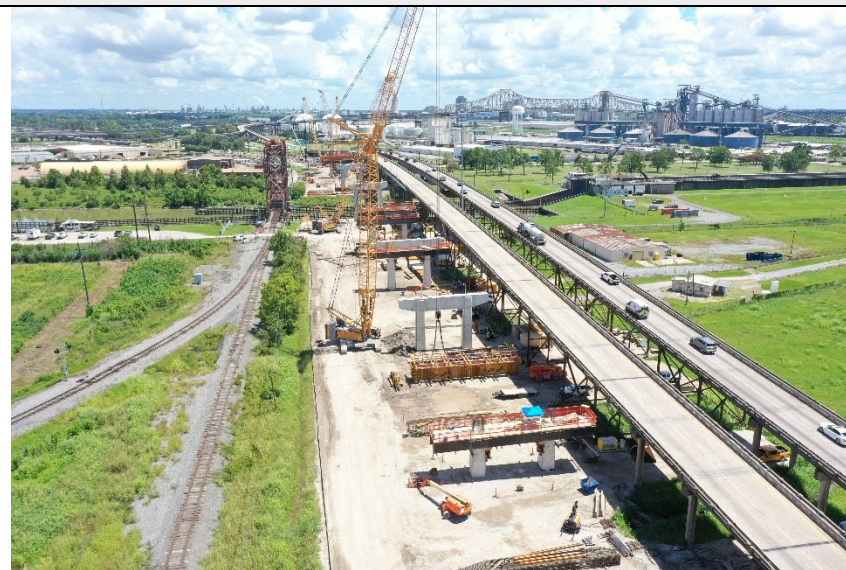
Firm name	Greenman-Pedersen, Inc.		Discipline(s)*	CE&I/OV
Project name	LA1: Port Allen Canal Bridge Replacement Phase 1 HBI CE&I		Firm responsibility (prime or sub?)	Sub
Project number	H.001234	Owner's name	Louisiana Department of Transportation	
Project location	West Baton Rouge Parish	Owner's Project Manager	Brian Delatte	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804, 225-379-1823, brian.delatte@la.gov			
Services commenced by this firm (mm/yy)	12/20	Total consultant contract cost (\$1,000's)	\$7,376	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$4,380	

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

The LA 1: Port Allen Canal Bridge Replacement project is a major crossing that effects traffic flow through West Baton Rouge Parish and can significantly impact traffic flow on Interstate 10 and Baton Rouge. The project location directly impacts the Port of Baton Rouge, Port Allen Locks, the Union Pacific Railroad Yard, and major industrial corridor.

Located in Port Allen, the project's scope includes the construction of a new LA 1 southbound bridge over the Intracoastal Canal with new PCC approach roadway, reconstruction of Ernest Wilson Dr. into the Port of Baton Rouge, and at grade railroad crossings. The new LA 1 southbound bridge will consist of LG-72 & LG- 78 PPC Girders spans, hunched steel plate girder main spans, column bents and pile footings. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.

As part of the CE&I team, GPI is providing project engineering and inspection services for the construction of the new bridge. GPI is providing the day-to-day inspection, quality assurance, field sampling & testing, HEADLIGHT/SiteManager report entry; contract administration; review of submittals. Inspections include pile driving; structural concrete of the mass concrete footings, columns, and caps; lime treated subgrade and road reconstruction; HMAC paving; PCC Paving; Precast Concrete; Concrete Deck Placement; and Installation and Painting of New Steel Girders

**GPI Members Involved:**

Tim Thomas, P.E., Andy Rousseau, Hunter Welch, P.E., Amanda Bankston, Stephen Gerhardt, Hunter Vining, Jason Reinecke

17. Firm Experience:

Firm Name	Greenman-Pedersen, Inc.			Discipline(s)*		CE&I/OV	
Project Name	LA 66 – Big Bayou Sara Bridge Rehabilitation (HBI)					Firm responsibility (prime or sub?)	Prime
Project Number	H.002281		Owner’s Name	LaDOTD			
Project Location	West Feliciana Parish			Owner’s Project Manager		Dane Lacoq	
Owner’s address, phone, email		6232 LA 19 McManus, LA 70720; (225)683-5548; Dane.Lacoq@LA.GOV					
Services commenced by this firm (mm/yy)		12/16	Total consultant contract cost (\$1,000’s)				\$1,055
Services completed by this firm (mm/yy)		07/22	Cost of consultant services provided by this firm (\$1,000’s)				\$446

As Prime, GPI is providing Construction Inspection, Contract Administration, Project Engineering, and Coatings Inspection services for the rehabilitation of the Big Bayou Sara Bridge. This Historic Bridge Rehabilitation project includes the rehabilitation of the steel pony truss spans, replacement of the concrete deck, cleaning and painting the structure, and construction of a diversion bridge. This project required the preservation of the historical appearance of the bridge requiring the contractor to utilize wooden formwork for the concrete deck. GPI is also providing the day-to-day inspection, quality assurance, SiteManager reports, traffic control review, measurement of quantities, conformance to the specifications, and other related construction management duties. Performed inspections of all surface preparation and cleanliness, measurements of anchor profile using Press-O-Film tape per ASTM D4417, Method C, inspection of each paint coat for completeness and measure dry film thicknesses per SSPC PA 2, checking production equipment for proper operation and effectiveness of oil and water filters, and assembling daily reports of all field operations, conditions, and measurements. GPI also recorded, sampled, entered in to SiteManager, and submitted for testing all paint batches and assure proper storage, mixing, and application of all coatings.



As Sub, G.E.C., Inc. provided environmental monitoring services including performing pre and post project soil contamination sampling, air quality sampling by TSP monitoring and conducting visible emission assessments of the containment system during potential lead emission activities, review the contractor's worker safety and environmental protection plans. GEC monitored, reviewed, and documented the contractor's hazardous waste handling, storage, labeling, and disposal operations while tracking and maintaining Recycling/Disposal Certificates.

Firm Members Involved:

GPI: Tim Thomas, P.E., Andy Rousseau, Amanda Bankston, Bob Boagni, P.E., and Joey Guedry

17. Firm Experience:

Firm Name	Greenman-Pedersen, Inc.				Discipline(s)*		CE&I/OV	
Project Name	LA 47: IWGO Bridge Rehabilitation (HBI)					Firm responsibility (prime or sub?)		Prime
Project Number	H.011965			Owner’s Name	LaDOTD			
Project Location	Orleans Parish				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)			11/22	Total consultant contract cost (\$1,000’s)				
Services completed by this firm (mm/yy)			Ongoing	Cost of consultant services provided by this firm (\$1,000’s)				

As prime, GPI is providing Project Engineering, Contract Administration, Construction and Coatings Inspection services for the cleaning & painting and major structural rehabilitation of the existing LA 47: "Green Bridge" crossing the Intracoastal Waterway Gulf Outlet in District 02. Work includes rehabilitation of the concrete slab spans, concrete girder spans, steel girder approach spans, and main truss span. Bridge bearing rehabilitation, structure jacking, relocation of the existing expansion joints, and replacement of structural steel components. GPI's services include full construction engineering, contract engineering, inspection, and oversight of the contractor's structural rehabilitation and cleaning and painting operations. This includes the review and Quality Assurance of the painting contractor's coatings Quality Control Program, inspection of containment installation, provide expert coatings consulting and recommendations for RFI responses, and ensuring contractor compliance with LADOTD Specification 811 and Special Provisions. GPI reviews of the contractor's work plans, shop drawings, and quality control plans.



As Sub, G.E.C., Inc. providing environmental monitoring services and assisting GPI in the Quality Assurance of the paint contractor's Hazardous Material Quality Control Program. G.E.C. services include performing pre and post project soil contamination sampling, air quality sampling by TSP monitoring and conducting visible emission assessments of the containment system during potential lead emission activities, review the contractor's worker safety and environmental protection plans. GEC monitors, reviews, and documents the contractor's hazardous waste handling, storage, labeling, and disposal operations while tracking and maintaining Recycling/Disposal Certificates.

Firm Members Involved:

GPI: Tim Thomas, P.E., Phillip "Joey" Guedry, Bob Boagni, P.E., Hunter Welch, P.E., Jason Reinecke, Aaron, Speisman, John Vojtaskovic, Amanda Bankston

17. Firm Experience:

Firm name	Eustis Engineering L.L.C.			Discipline(s)*	Geotech and Other (CMT)	
Project name	I-10 and I-12 College Drive Flyover Ramp Design-Build Project				Firm responsibility (prime or sub?)	Sub
Project number	B0646	Owner's name		LaDOTD Through Boh-G.E.C., Inc. Design-Build Team		
Project location	East Baton Rouge Parish, Louisiana			Owner's Project Manager		Sherri LeBas, P.E.
Owner's address, phone, email		8282 Goodwood Boulevard, Baton Rouge, Louisiana, 225-612-4107, slebas@gecinc.com				
Services commenced by this firm (mm/yy)		03/20	Total consultant contract cost (\$1,000's)			\$635
Services completed by this firm (mm/yy)		03/25 (estimated)	Cost of consultant services provided by this firm (\$1,000's)			\$635 (to date)

This ongoing project includes a variety of interchange improvements to I-10 West and College Drive including a flyover ramp exit to College Drive in advance of the I-10 and I-12 West merge; a modified exit from I-12 West to College Drive; and a parallel, separated at-grade ramp along I-10 West to the existing College Drive Interchange.

Eustis Engineering L.L.C. completed an exploration of the site to supplement available data comprising ten undisturbed borings, eight cone penetration tests, and fourteen auger or direct push borings. Soil mechanics laboratory tests performed on collected samples consisted of natural water content, unit weight, one-point unconsolidated undrained triaxial compression shear, Atterberg liquid limits and plastic limits, grain size sieve analyses, hydrometer analyses, and one-dimensional consolidation tests. These data were published in a GEOT-01 Geotechnical Exploration Data Report that was reviewed by the State of Louisiana, Department of Transportation and Development (LaDOTD) to confirm compliance with their design requirements.

The design services included developing separate geotechnical design reports for each of seven major project features, specifically a sound barrier/noise-wall; the roadway (mainline and exit ramps); the Ward Creek Bridge widening; the I-10 Westbound Bridge over I-12, including driven piles and drilled shafts; retaining and/or Mechanically Stabilized Earth (MSE) walls at modified bridge abutments; box culverts or flumes for site drainage; high mast lighting, Intelligent Transportation Systems (ITS); and other miscellaneous features. GEOT-09 is the design report for the roadway. This report included evaluation of temporary and permanent asphaltic concrete pavements as well as temporary and permanent Portland Cement Concrete pavements. The LaDOTD provided reviews of draft and final reports and verified design standards were met. Separate reports were issued for evaluation of temporary and permanent slopes along existing drainage features adjacent to the roadway. We are also participating in weekly progress meetings with the project design team and with the project stakeholders. Design review meetings are conducted as part of the quality review process. Construction is currently ongoing.

Engineers involved with this project include **Travis R. Richards, P.E.; Matthew K. Morales, P.E.; Chad M. Ortolano; and Bryan E. Byrne.**

17. Firm Experience:

Firm name	Eustis Engineering L.L.C.	Discipline(s)*	Geotech and Other (CMT)
Project name	Bayou Barataria Bridge Replacement		Firm responsibility (prime or sub?) Sub
Project number	24515.00-.03	Owner's name	LaDOTD
Project location	Jefferson Parish, Louisiana	Owner's Project Manager	Kristy H. Smith, P.E.
Owner's address, phone, email	5080 Florida Boulevard, Baton Rouge, Louisiana 70806, 225-929-9133, kristy.smith2@la.gov		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost (\$1,000's)	\$1,405
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,008

The existing Bayou Barataria Bridge is proposed to be replaced with a new structure set to be 963 feet long and supported by 13 pile bents comprising square, precast concrete piles. An unequal, 183-ft long arm swing span is proposed between Bents 6 and 8 to provide a horizontal channel clearance of 85 feet within Bayou Barataria. Mill and overlay of existing pavements along portions of LA Highways 45 and 3257 are planned. Portions of these highways will also be raised and widened, and approximately 1 mile of LA Highway 45 will be shifted 30 feet to the east into the marsh.

For this project, Eustis Engineering obtained the relevant Coastal Use Permits for the marsh as well as the roadway and marine locations. We also obtained necessary land access permissions. Drilling comprised 24 soil borings. Of these, 20 were ***drilled over marsh or water*** to depths ranging between 100 to 200 feet below the mudline. The remaining four were drilled to depths of 20 feet through existing pavements to evaluate proposed drainage structures and provide recommendations for mill and overlay of existing pavement sections to be incorporated into the final design.

Geotechnical design analyses completed by our design team included vertical and lateral pile analyses, pile scour capacity analyses, and pile group settlement in accordance with AASHTO Load Resistance Factor Design requirements. Additional analyses were performed to evaluate ground settlement, settlement surcharge/remediation programs, retaining wall recommendations, slope stability, and pavement design. Deliverables for the design phase included boring logs, geotechnical data reporting, geotechnical design reporting, and an electronic boring log data file. Eustis Engineering is currently contracted as a prime geotechnical consultant to complete engineering during construction and as a subcontractor to perform selected construction materials testing services. We have completed a Wave Equation Analysis of Piles (WEAP) driveability study and are performing dynamic pile testing on the monitor piles and selected job piles. We have also developed and implemented a vibration monitoring plan and have reviewed surcharge operations to date. Testing services have included logging the installation of driven square precast concrete piles.

Engineers involved with this project include **Travis R. Richards, P.E.; Matthew K. Morales, P.E.; Chad M. Ortolano; and Bryan E. Byrne.**

17. Firm Experience:

Firm name	Eustis Engineering L.L.C.	Discipline(s)*	Geotech
Project name	I-10/City Park Bridge Replacement		Firm responsibility (prime or sub?) Sub
Project number	24821.00-.01	Owner's name	LaDOTD through Kiewit/Boh, AJV
Project location	East Baton Rouge Parish, Louisiana	Owner's Project Manager	Neil Hickok, P.E.
Owner's address, phone, email	3867 Plaza Tower Drive, Baton Rouge, LA 70816, 504-827-7616, nhickok@bohbro.com		
Services commenced by this firm (mm/yy)	06/2022	Total consultant contract cost (\$1,000's)	\$37
Services completed by this firm (mm/yy)	01/2024	Cost of consultant services provided by this firm (\$1,000's)	\$31.5

Eustis Engineering performed a geotechnical peer review for the proposed City Park crane trestle piles for the I-10/City Park Bridge Replacement project in Baton Rouge, Louisiana. In order to perform the peer review, Eustis Engineering was furnished Kiewit's design memorandum which outlined the design assumptions associated with the trestle bridge design performed by Kiewit. After authorization, Eustis Engineering was requested to perform independent geotechnical engineering analyses as part of this review. The limited geotechnical analyses included development of axial pile load capacity curves and lateral load analyses of the proposed pile groups to compare with the analyses performed by Kiewit. Eustis Engineering also performed dynamic pile tests (DPTs) on five job piles for the project.

Matthew K. Morales, P.E., served as Project Manager for this effort.

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*		Survey	
Project name	Coach Williams Drive Extension & Roundabout			Firm responsibility (prime or sub?)		Prime
Project number	Not applicable		Owner's name		Calcasieu Parish Police Jury	
Project location	Calcasieu Parish, LA			Owner's Project Manager		Allen Wainwright, P.E.
Owner's address, phone, email		1015 Pithon Street, Lake Charles, LA 70601, (337) 721-3700, awainwright@calcasieu.gov				
Services commenced by this firm (mm/yy)			04/2015	Total consultant contract cost (\$1,000's)		\$3,264
Services completed by this firm (mm/yy)			03/2024	Cost of consultant services provided by this firm (\$1,000's)		\$2,345

Project Description

Fenstermaker served as the prime consultant on this \$18.4 million, multidisciplinary project consisting of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). This road is approximately 3 miles in length and was designed as a 2-lane open ditch urban collector. The construction included a new roundabout at the intersection of Coach Williams Drive and Old Spanish Trail.

This roadway design project was complex because construction impacted approximately 5.7 acres of jurisdictional wetlands, crossed over abandoned borrow pits, crossed the Sabine River Irrigation Canal, and crossed **an operating railroad spur**. This project included 3-miles of new 2-lane roadway with sidewalks and intersection improvements including a roundabout and turning lanes.

Fenstermaker performed environmental assessments prior to roadway design, drainage design, pavement design, and the geometrics of the road. This included performing quality assurance and quality control on the wetland delineation data, report preparation, and permitting. The Environmental Division also secured the USACE Jurisdictional Determination and USACE Permits for jurisdictional wetland and water impacts.

Fenstermaker's Survey Division provided topographic surveying services, generated the right-of-way and servitude plats, and coordinated abstracting. Additionally, Fenstermaker's team of inspectors provided construction inspection services.

Key Personnel: Travis Bodin | Bradford Millett



Roundabout under construction



Extension under construction

17. Firm Experience:

Firm name	C. H. Fenstermaker & Associates, L.L.C.		Discipline(s)*	Survey	
Project name	Spanish Trail Industrial Park Access Road			Firm responsibility (prime or sub?)	Prime
Project number	Not applicable	Owner's name	St. Martin Parish Government		
Project location	St. Martin Parish, LA		Owner's Project Manager	Wes Dupuis	
Owner's address, phone, email	3326 Groom Road, Baker, LA 70714, (225) 778-0300, rbond@cityofbakerla.com				
Services commenced by this firm (mm/yy)	10/2022	Total consultant contract cost (\$1,000's)			\$383
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$383

Project Description

A large personal protective equipment plant, with over 1200 employees, was developed on Lake Talon Road in Broussard, LA. This plant had one entrance and an exit onto US 90, currently under construction. The single entry/exit and long-term construction currently underway on US 90 prompted the need for a secondary connection east to LA 182 (Old Spanish Trail Highway) in St. Martin Parish, LA. Fenstermaker provided professional engineering and survey services to extend Lake Talon Road to LA 182 (Old Spanish Trail Highway) with an at-grade intersection. The design will remove the existing two-lane asphalt pavement roadway on LA 182 and replace it with two through-lanes and two auxiliary lanes of asphalt pavement and will remove an existing asphalt pavement cul-de-sac on Lake Talon Road and replace it with a two-lane asphalt pavement roadway. Various improvements to the existing drainage system are also included in the project's design.

The two-lane asphalt roadway is paralleled by a BNSF railway, approximately 40 feet west of Old Spanish Trail Highway, and was required to cross the BNSF Railway at-grade to intersect with LA 182. Due to the proximity of the railroad to LA 182 and anticipated frequency of heavy trucks, the horizontal alignment of LA 182 was required to shift further east and a portion of LA 182 to be fully reconstructed. Auxiliary lanes were also added to LA 182 to accommodate turning movements. Fenstermaker assisted the Parish with all planning efforts including preparing a traffic study, planning and coordinating with the BNSF railroad facility providing **topographic survey services**, preparing construction plans, preparing and submitting all required permits, including LADOTD permits, and providing construction administration and inspection services. Fenstermaker managed a team of subconsultants for the traffic study and geotechnical investigation services. Additionally, Fenstermaker prepared a hydraulics report summarizing the analysis and calculations associated with the roadway project. Existing drainage conditions in the area were also evaluated as part of the design.

Key Personnel: Bradford Millett



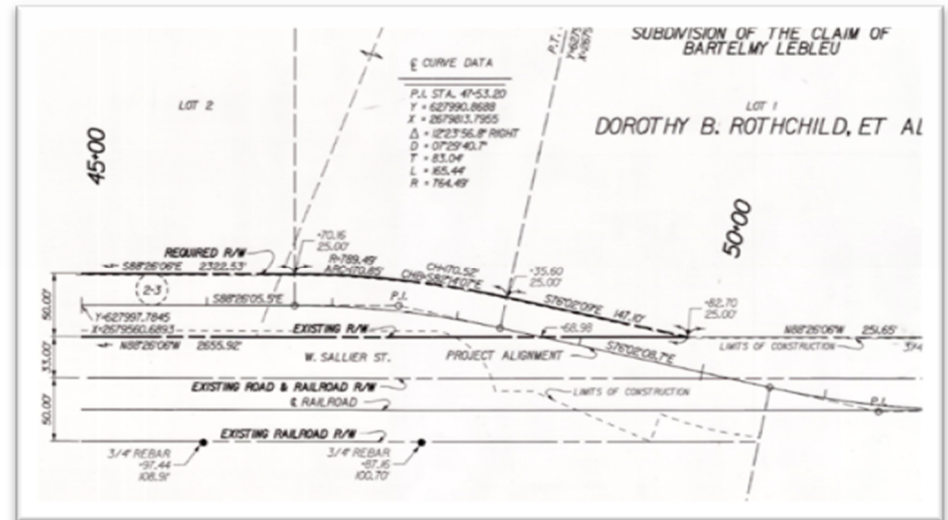
17. Firm Experience:

Firm name	C. H. Fenstermaker. & Associates, L.L.C.		Discipline(s)*		Survey	
Project name	Port of Lake Charles Rail Lead Rail Relocation Right of Way Maps			Firm responsibility (prime or sub?)		Prime
Project number	Not applicable	Owner's name	Port of Lake Charles Harbor & Terminal District			
Project location	Calcasieu Parish, LA			Owner's Project Manager	Shaunna Davis	
Owner's address, phone, email		1611 West Sallier Street, Lake Charles, LA 70601 (337) 439-3538 sdavis@portlc.com				
Services commenced by this firm (mm/yy)		05/19	Total consultant contract cost (\$1,000's)			\$72.32
Services completed by this firm (mm/yy)		07/21	Cost of consultant services provided by this firm (\$1,000's)			\$72.32

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

Project Description: Fenstermaker completed the boundary field survey, established control, post-processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the approximately 0.75-mile Railroad Relocation for the Lake Charles Harbor & Terminal District in Lake Charles, Louisiana. LA DOTD survey feature codes were utilized for this project, and LA DOTD Right of Way maps along with COGOWIN legal descriptions were created. The maps followed the specifications set forth in the LA DOTD Location & Survey manual in conjunction with directions from LA DOTD agents. Maps went through LA DOTD's internal review process and have been accepted for final recordation.

Key Personnel: Travis Bodin | Bradford Millett



18. Approach and Methodology:

State Project No. H.010155 (US 90 Railroad Overpass SE of LA 85) will upgrade approximately 1.07 miles of US 90 to interstate standards, including construction of a PPC girder bridge over the existing rail spur servicing the Enterprise Sugar Mill and improvements to the frontage roads. This project will significantly improve safety by eliminating the existing railroad crossing to provide free flow traffic conditions and improve access for the oil industry and ports from Houston to New Orleans by contributing to US 90's eventual conversion into the future I-49 South. Horizon Engineering, LLC (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. COORDINATION

Coordination with DOTD District 03, Contractor, Engineer of Record (Shread-Kuyrkendall & Associates), and other affected stakeholders [e.g., M. A. Patout & Son (Enterprise Sugar Mill and PEC), Delta Biofuel, and utility companies] will be critical to minimizing disruptions to the public and affected stakeholders' operations (see Figure 1). Prior to the start of construction, our Team will perform a comprehensive constructability review to identify and proactively address potential issues that could lead to costly change orders and delays during construction. We will coordinate the relocation of affected utilities, such as the overhead powerlines crossing US 90 to PEC, ideally without disrupting service. In addition to active construction projects, many other projects along or tying into US 90 near the project site are anticipated to let during this project, such as H.015823 – US 90 (WB): LA 83 – LA 85, H.015273 – US 90: LA 92 – LA 14, and H.009892 – US 90 Fr: Extension to LA 329. Horizon will coordinate with DOTD in advance of these projects, as well as with the respective contractors during these projects, to ensure that all

contractors are aware of the other nearby work and identify potential interoperability issues between the different maintenance of traffic strategies.



Figure 1: Enterprise Sugar Mill and Delta Biofuel (Top) and PEC (Bottom)

2. MAINTENANCE OF TRAFFIC

A well-designed sequence of construction and temporary traffic control plan will be required to minimize disruptions to the public and affected stakeholders. Horizon will assist the Contractor and DOTD with notifying the public and impacted stakeholders of the anticipated start date, duration, and impacts of the work and issuing timely lane/road closure notices, as well as inspect the temporary traffic control signs and devices to ensure that they are correctly implemented, monitored, and maintained. Prior to redirecting traffic onto the frontage roads to facilitate construction, access will need to be provided by constructing new exits or using the existing LA 85 exits. If new exits are constructed, culverts and other drainage measures must be implemented and adequate sight distance must be available for LA 85 overpass traffic heading southeast. The frontage roads will also likely need to be converted to one-way traffic and improved (patched, milled, and overlaid and/or widened) to accommodate the higher traffic volume and loads (see Figure 2).

Horizon will assist with continuous coordination with stakeholders to minimize disruptions to driveway access and rail traffic. Horizon will also ensure that the existing frontage road railroad warning signals remain operational after removal of the existing US 90 signals and that railroad flaggers are used when necessary to facilitate safe operations near the railroad (e.g., pile driving near the railroad and installation of girders crossing the railroad).



Figure 2: Frontage Roads

3. CONSTRUCTION LAYOUT

An accurate construction layout is critical to avoiding costly and time-consuming corrective work, such as refabrication of precast components. Our Team will verify the Contractor's construction layout at key milestones, such as initial staking, pile driving, bent cap placement, and deck placement, to ensure that any necessary adjustments, such as pile extensions, riser height modifications, and haunch modifications, are made prior to construction of subsequent affected work. Our Team has two survey crews committed to this project and additional crews available if necessary to quickly complete spot checks without delaying the Contractor's operations.

4. BRIDGE CONSTRUCTION

Even if the construction layout is accurate, subsequent pile driving issues (e.g., mispositioned

or misaligned piles) can require major rework, such as bent modifications and girder fabrication adjustments. Our Team will verify that piles are located within required tolerances and assist with the performance of pile load tests (static and dynamic) to ensure that design loads are achieved. If requested, our Team will perform independent geotechnical investigation and/or analysis to help DOTD, the Engineer of Record, and the Contractor address pile driving, earthwork, and other related geotechnical related constructability issues. Construction tolerances and variations between actual and estimated PPC girder prestress can require adjustments to fabrication details. Our Team will verify required girder lengths based on the constructed locations of risers and notify the Contractor if modifications are required prior to fabrication. Our Team will also verify actual fabricated girder dimensions and camber to determine whether haunch adjustments are necessary to attain the required deck elevations and slopes. The nearest permanent concrete batch plant is approximately 30 minutes away; therefore, a temporary plant, such as the one currently being used northwest of the project site, may be necessary to facilitate large concrete placements. Prior to deck placement, our Team will review the Contractor's placement sequence to ensure that the necessary placement rates can be achieved. We will also ensure that the Contractor performs a dry run of the deck screed to identify any potential problem areas.

5. ROAD CONSTRUCTION

The quality of construction of PCC and asphalt roads has a major impact on their durability, longevity, and rideability. Common factors that must be considered are:

- Cracking, potholes, and other similar localized failures typically occur due to underlying base issues, such as poor compaction and inadequate drainage. Our Team will review the borrow pit testing reports, verify that approved materials

are delivered to the site, and inspect base installation and compaction (including performing soil density testing).

- Cracking shortly after concrete placement typically occurs due to improper panel aspect ratios/joint spacing, inadequate contraction joint depth, and too much time elapsing between concrete set and saw cutting of contraction joints. Horizon will verify joint layouts prior to concrete placement and verify that contraction joints are saw cut to adequate depths as soon as PCCP has set sufficiently, preferably within approximately 4 hours.
- Cracking, separation, and other similar deterioration along PCCP joints typically occur due to misaligned dowels, poor concrete consolidation, and debris filling joints. Horizon will verify that dowels are properly aligned perpendicular to joints, inspect concrete placement to verify that concrete is sufficiently consolidated, and verify that joints and interfaces between existing and new PCCP are prepared/cleaned prior to installation of joint filler and/or sealant and concrete placement.
- Excessive roughness and unevenness can negatively impact rideability and typically occur due to improper screed and paver settings. Horizon will verify that elevations and slopes conform to the Plans, verify that the Contractor performs a dry run of the screed, and verify that the Contractor operates the screed and paver properly.

6. DRAINAGE AND ENVIRONMENTAL

During construction, the existing drainage ditches will be affected, and possibly obstructed, by temporary detour roads, laydown yards, and new features; therefore, temporary culverts or bypass pumps will likely be required to maintain drainage. Additionally, a detailed Stormwater Pollution Prevention Plan (SWPPP) must be implemented to avoid damaging the adjacent sugar cane fields.

Horizon will review the existing drainage maps, design drainage maps, SWPPP, permits, and other related information and perform hydrologic and hydraulic analyses if necessary to verify that drainage is maintained.

CE&I SCOPE OF WORK

Horizon fully understands the scope of work and will complete all 31 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. Horizon will implement the following approach and methodology, which highlights the major tasks required but is not all-inclusive, to complete the project safely, correctly, on time, and in accordance with DOTD's requirements:

PRE-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, sampling/testing procedures, and EDSMs.
- **Project Set-Up Meeting:** Meet with DOTD's Project Coordinator and District 03 Lab Engineer to review roles, responsibilities, and expectations; 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 DOTD's Project Coordinator, Compliance Office, District 03 Utility Specialist, and District 03 Lab Engineer; FHWA; Engineer of Record; Contractor and subcontractors; utility companies; and M. A. Patout & Son (Enterprise Sugar Mill and PEC), Delta Biofuel, 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.
- **Precast Materials Inspection:** Inspect precast materials, such as girders and piles, 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, 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 03 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. Perform field tests, such as soil density testing, in accordance with the Testing Procedures Manual and pertinent Quality Assurance Manuals.

- **Daily Work Records (DWRs):** Prepare detailed DWRs, including on non-working days, describing the Contractor's personnel and equipment; our Team'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.
- **Pile Construction Logs:** Obtain pile construction logs from the Contractor and review them for conformance with LSSRB Section 804.03.3 and consistency with DWRs and inspectors' field notes. Input data into pile driving log spreadsheet and submit spreadsheet to DOTD.
- **Construction Layout Verification:** Establish horizontal and vertical control and verify the Contractor's construction layout. Notify the Contractor immediately of discrepancies between elevations of constructed components

and the Plans and assist the Engineer of Record, Contractor, and DOTD with development and implementation of corrective plans of action.

- **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 DOTD.
- **Coordination:** Continuously coordinate with stakeholders, including the preconstruction conference attendees. Meet with 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 DOTD.
- **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 the Engineer of Record, for input if necessary.

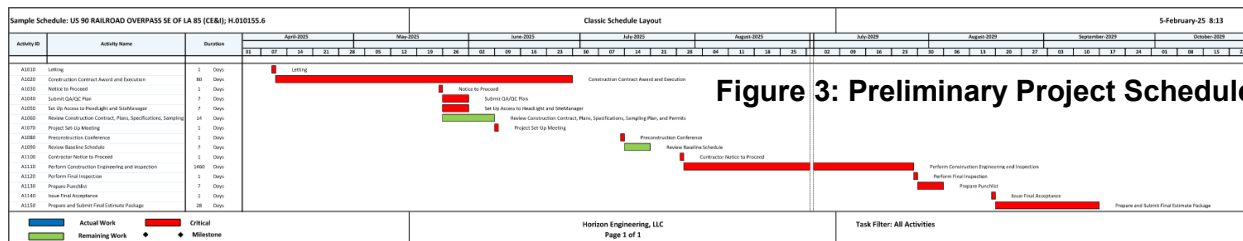
Maintain logs of all RFIs and submittals with information such as the date submitted, number, description, status, and date resolved (if applicable).

- **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. Prepare and distribute notices of nonconformance and monitor remediation efforts to ensure that nonconforming work is repaired or replaced to the satisfaction of DOTD.
- **Baseline and Progress Schedules:** If requested, assist DOTD with their review of the Contractor's baseline schedule for conformance to the Specifications and feasibility. If requested, assist DOTD with their review of 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. Our Team's Project Engineer and inspectors 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, 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 for approval.
- **Claims:** Monitor, document, and review claims from the Contractor and provide recommendations to 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 and DOTD.
- **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 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 60 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) <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	N/A	N/A	N/A	N/A
Greenman-Pedersen, Inc.	CE&I/OV	Contract 44-27615; SPN H.015409.6	I-10 MRB over LA 1 & M.P. Railroad Repair Phase I	\$266,451
	CE&I/OV	Contract 44-18899; SPN H.004791	LA23: Belle Chasse Bridge and Tunnel (HBI) (<i>sub to Volkert</i>)	\$52,676
	CE&I/OV	Contract 44-5410; SPN H.012343.6	LA 70 Mississippi River Bridge Phase III	N/A
	CE&I/OV	Contract 44-23897; SPN H.011965.6	LA 47: IWGO Bridge Rehabilitation (HBI) (CE&I)	\$2,237,069
	CE&I/OV	Contract 44-5410; SPN H.009479.6	W. Larose Vertical Lift Bridge Rehab., Route LA 1	\$103,757
	CE&I/OV	Contract 44-6762; SPN H.012739.6	I-20 Mississippi River Bridge at Vicksburg	\$71,809
	CE&I/OV	Contract 44-6762; SPN H.002281.6	Big Bayou Sara Bridge Rehabilitation Route LA 66, West Feliciana Parish	\$12,606
	CE&I/OV	44-17006; SPN H.011670.6	I-10 Loyola Interchange Improvements (<i>sub to G.E.C</i>)	N/A
	CE&I/OV	Contract 44-23074; SPN H.010724	Pecan Island Bridge (<i>sub to G.E.C.</i>)	\$56,840
	CE&I/OV	44-19550; SPN H.001234.6	LA 1: Port Allen Canal Bridge Replacement (Phase 1) (HBI) (CE&I) (<i>sub to RCL</i>)	N/A
	CE&I/OV	44-28884; SPN H.003931	Calcasieu River Bridge (HBI) (<i>sub to G.E.C.</i>)	\$1,772,219
	CE&I/OV	44-23074; SPN H.010960	LA 30 Roundabout (<i>sub to G.E.C.</i>)	\$526,047
	CE&I/OV	Contract 44-19680; SPN H.013897.6	O/V for College Dr. Flyover Ramp I-10/I-12 West (<i>sub to Volkert</i>)	\$5,477
	CE&I/OV	Contract 44-24113; SPN H.003047.6	Pecue Lane/I-10 Interchange (<i>sub to RCL</i>)	\$553,138
	CE&I/OV	Contract 44-27615; SPN H.014588.6	I-20: Orange St Overpass Repair	\$64,410

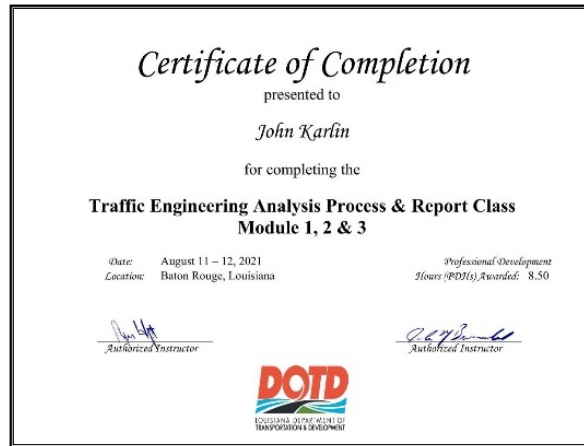
Greenman-Pedersen, Inc. (Continued)	CE&I/OV	Contract 44-26587; SPN H.001779.6	Jimmie Davis Bridge (LA 511) (HBI) <i>(sub to Volkert)</i>	\$2,424,700
Eustis Engineering L.L.C.	Geotech	IDIQ Contract No. 4400019017, Task Order No. 3 S.P. No. H.015028.6. F.A.P. No. H015028. Purchase Order No. 2000730393	Louisiana, State of - Department of Transportation and Development, LA 302: Bayou Barataria Bridge Replacement, Phase 1, Engineering During Construction, Jefferson Parish, Louisiana, Eustis Engineering Project No. 24515.01	\$75,904
	Geotech	IDIQ Contract No. 4400019017. Task Order No. 5. S.P. No. H.011970.5 F.A.P. No. H011970.5. Purchase Order No. 2000866641	Louisiana, State of - Department of Transportation and Development (LaDOTD), Bayou Terrebonne Bridges, LA Highway 182 Houma (Terrebonne Parish), Louisiana, Eustis Engineering Project No. 25303	\$35,101
	Geotech	IDIQ Contract No. 4400019017. Task Order No. 6. S.P. No. H.015050.5 F.A.P. No. H015050. Purchase Order No. 2000866630	Louisiana, State of - Department of Transportation and Development (LaDOTD), Bridge Replacement and Embankment Widening, Gravolet Road Over Drainage Canal, Braithwaite (Plaquemines Parish), Louisiana, Eustis Engineering Project No. 25305	\$22,531
	Geotech	IDIQ Contract No. 4400019017. Task Order No. 8. S.P. No. H.015909 F.A.P. No. H015909. Purchase Order No. 2000899470	Louisiana, State of - Department of Transportation and Development (LaDOTD), Bayou Macon Bridge Replacement, U.S. Highway 80, Delhi (Richland Parish), Louisiana, Eustis Engineering Project No. 25396	\$108,201
	Geotech	S.P. No. H.013897. F.A.P. No. H013897. Boh Portion 20274-026	Louisiana, State of - Department of Transportation and Development, I-10 and I-12 College Flyover Ramp Design- Build Project, East Baton Rouge Parish, Louisiana, Project No. B0646	\$9,350
	Geotech	LADOTD Contract No. 4400021740. S.P. No. H.004100.6. F.A.P. No. H004100. 11265001.000 I- 10 CMAR	Louisiana, State of - Department of Transportation and Development, I-10: LA Highway 415 to Essen Lane on I- 10 and I-12, Phase I: West of Washington Street to Essen Lane, Phase I, Segment 01: West of Washington Street to Acadian Thruway, Route I-10, West and East Baton Rouge Parish, Louisiana, Eustis Engineering Project No. B0771	\$46,200
C. H. Fenstermaker & Associates, L.L.C.	Environmental	Contract No. 4400025625 State Project No. H.014622.2	St. Nazaire Rd Ext: LA 96 – Corne Rd	\$245,475

C. H. Fenstermaker & Associates, L.L.C. (Continued)	Environmental	Contract No. 4400027474	Task Order No. 1 MS4 Permitting Support East Baton Rouge Parish District 61	\$5,915
	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 / Renaud Roundabout	\$167,950
	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Elenor Road Over Coulee	\$56,050
	Bridge	Contract No. 4400025023 State Project No. H.015335	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Puma Road Over Coulee	\$100,200
	Bridge	Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Beiber Road Over Nezpique Bayou	\$63,900
	Bridge	Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Mullins Road Over Tate Bayou	\$57,300
	Bridge	Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave Over Coulee	\$57,200
	Bridge	Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Andover Road Over Indian Bayou Lateral	\$76,627
	Bridge	Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee PKWY. Over Coulee	\$99,000
	Bridge	Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Solid Wastewater Road Over Bayou Boeuf	\$58,500
	Bridge	Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Phillip Street Over Drainage Bayou	\$74,750
	Bridge	Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$71,919

C. H. Fenstermaker & Associates, L.L.C. (Continued)	Bridge	Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Adam Guidry Road Over Coulee	\$136,850
	Bridge	Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$74,872
	Bridge	Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Aristide Road Over Coulee	\$75,000
	Bridge	Contract No. 4400025023 State Project No. H.015517	Infrastruzcture Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$139,700

20. Certifications/Licenses:

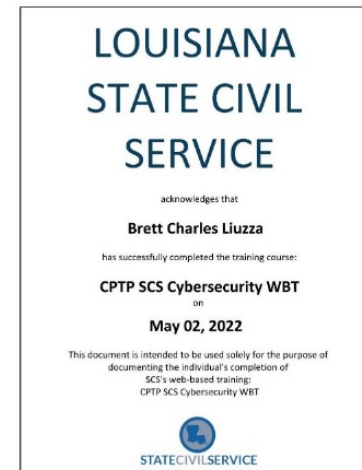
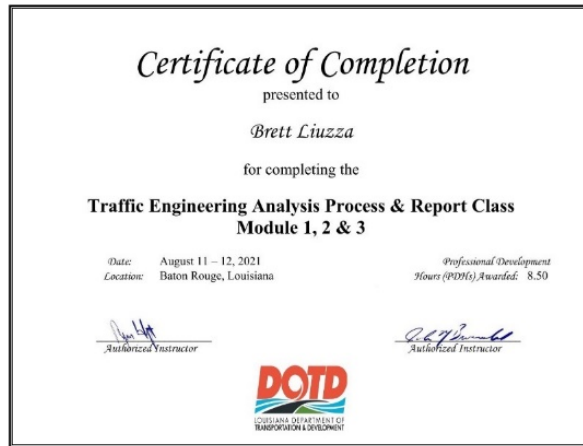
John Karlin, SE, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

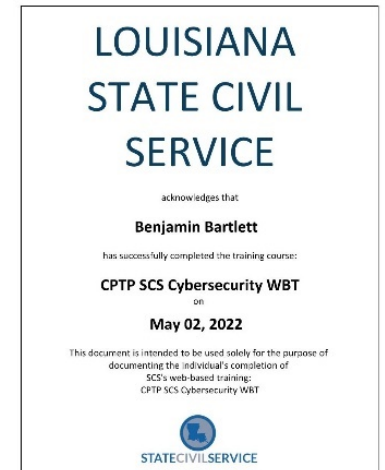
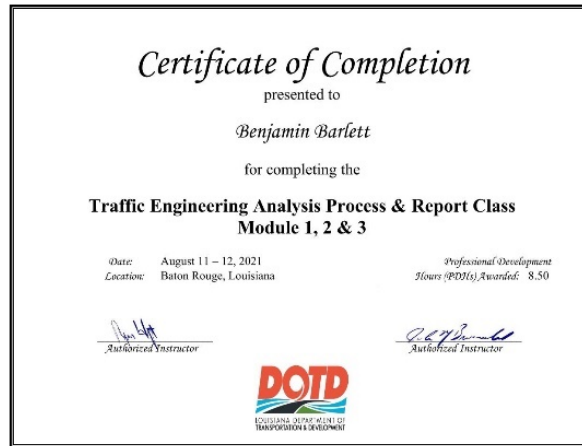
Brett Liuzza, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Ben Bartlett, PE, PTOE



20. Certifications/Licenses:

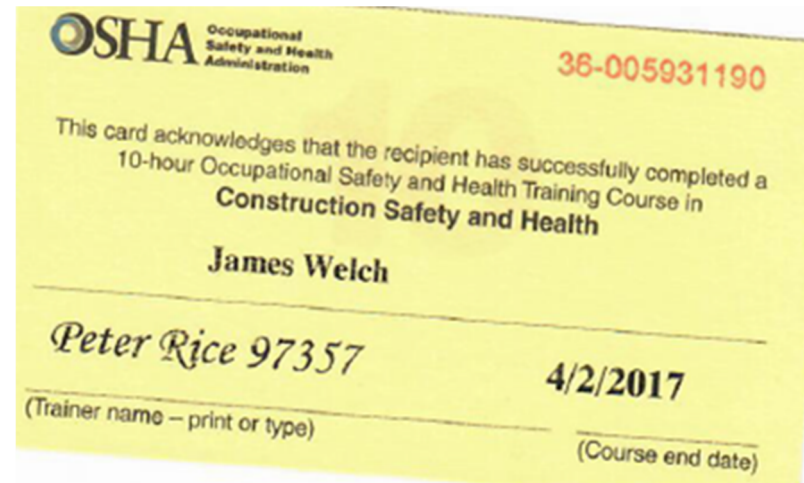
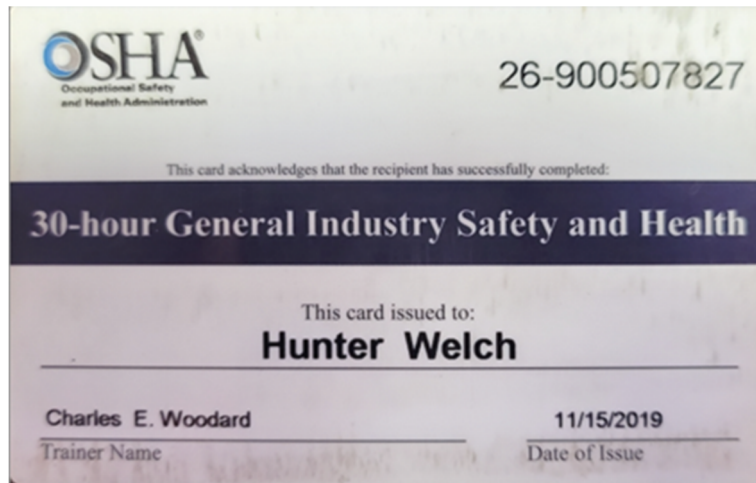
Timothy Thomas, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Hunter Welch



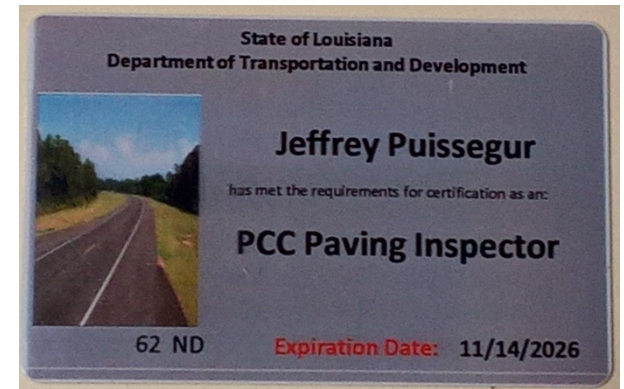
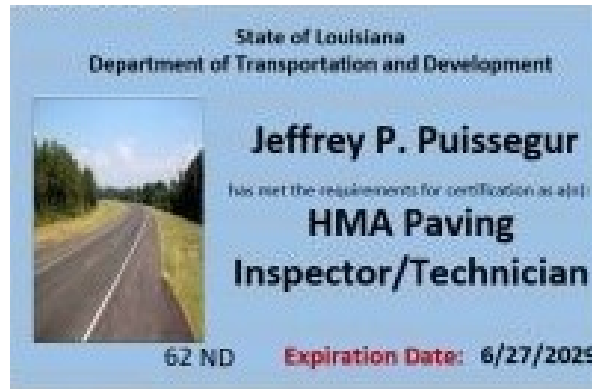
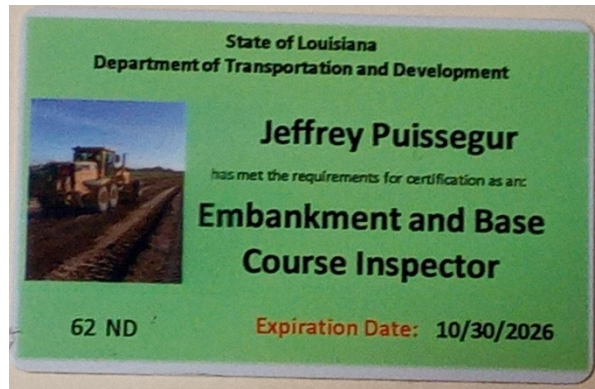
20. Certifications/Licenses:

John Andy Rousseau



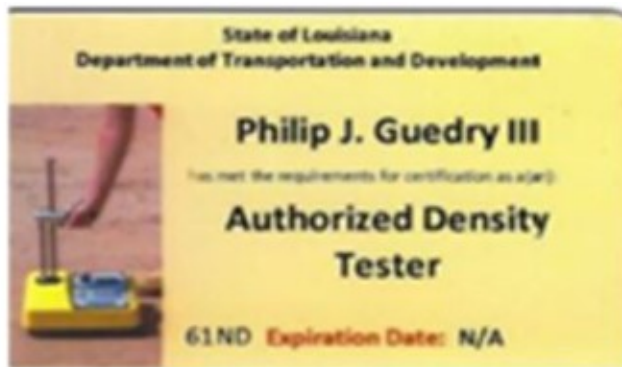
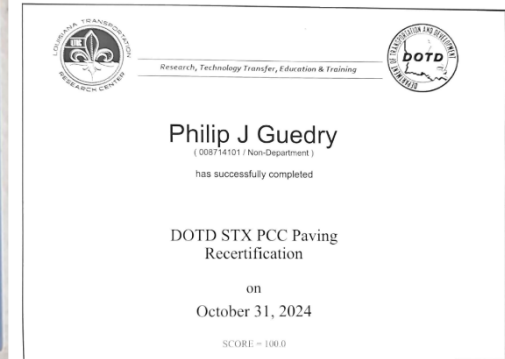
20. Certifications/Licenses:

Jeff Puissegur



20. Certifications/Licenses:

Philip “Joey” Guedry



20. Certifications/Licenses:

Philip “Joey” Guedry (Continued)



20. Certifications/Licenses:

Keith Schulz

*Successfully completed all written exams and performance evaluation for DOTD HMA (Asphalt Concrete) Paving certification with District 62 by 2/5/2025 and is currently awaiting processing of paperwork by DOTD for certification card.

20. Certifications/Licenses:

Hunter Ross Vining



20. Certifications/Licenses:

Travis Bodin, PLS, PMP



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State



LOUISIANA
SECRETARY OF STATE
NANCY LANDRY

HOME

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) | [Subscribe to Electronic Notification](#) | [Print Detailed Record](#)

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


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

Domicile Address
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



LOUISIANA
SECRETARY OF STATE
NANCY LANDRY

HOME

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) | [Subscribe to Electronic Notification](#) | [Print Detailed Record](#)

Name	Type	City	Status
GREENMAN-PEDERSEN, INC.	Business Corporation (Non-Louisiana)	BABYLON	Active

Previous Names
Business: GREENMAN-PEDERSEN, INC.
Charter Number: 34516637F
Registration Date: 1/23/1996

Domicile Address
325 W. MAIN ST.
BABYLON, NY 11702

Mailing Address
325 W. MAIN ST.
BABYLON, NY 11702

Principal Business Office
325 W. MAIN ST.
BABYLON, NY 11702

Registered Office in Louisiana
201 RUE BEAUREGARD, STE. 202
LAFAYETTE, LA 70508

Principal Business Establishment in Louisiana
501 LOUISIANA AVENUE
BATON ROUGE, LA 708025921

Status
Status: Active
Annual Report Status: In Good Standing
Qualified: 1/23/1996
Last Report Filed: 12/30/2024
Type: Business Corporation (Non-Louisiana)

Greenman-Pedersen, Inc.



LOUISIANA
SECRETARY OF STATE
NANCY LANDRY

HOME

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) | [Subscribe to Electronic Notification](#) | [Print Detailed Record](#)

Name	Type	City	Status
EUSTIS ENGINEERING L.L.C.	Limited Liability Company	METAIRIE	Active

Previous Names
EUSTIS ENGINEERING SERVICES, L.L.C. (Changed: 3/31/2016)
Business: EUSTIS ENGINEERING L.L.C.
Charter Number: 36251453K
Registration Date: 8/17/2006

Domicile Address
3011 28TH STREET
METAIRIE, LA 700026019

Mailing Address
C/O GWENDOLYN P. SANDERS
3011 28TH ST.
METAIRIE, LA 700026019

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 8/17/2006
Last Report Filed: 7/22/2024
Type: Limited Liability Company

Eustis Engineering L.L.C.



LOUISIANA
SECRETARY OF STATE
NANCY LANDRY

HOME

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) | [Subscribe to Electronic Notification](#) | [Print Detailed Record](#)

Name	Type	City	Status
C. H. FENSTERMAKER & ASSOCIATES, L.L.C.	Limited Liability Company	LAFAYETTE	Active

Previous Names
C. H. FENSTERMAKER & ASSOCIATES, INC. (Changed: 12/31/2011)
Business: C. H. FENSTERMAKER & ASSOCIATES, L.L.C.
Charter Number: 33922270K
Registration Date: 8/10/1982

Domicile Address
135 REGENCY SQUARE
LAFAYETTE, LA 70508

Mailing Address
P.O. BOX 52106
LAFAYETTE, LA 70505

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 8/10/1982
Last Report Filed: 7/17/2024
Type: Limited Liability Company

C. H. Fenstermaker & Associates, L.L.C.

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:

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
Greenman-Pedersen, Inc.	201 Rue Beauregard, Ste. 202 Lafayette, LA 70508	Tim Thomas, PE tthomas@gpinet.com	(225) 906-5109
Eustis Engineering L.L.C.	3011 28 th Street Metairie, LA 70002	Gwendolyn Sanders, PE gsanders@eustiseng.com	(504) 834-0157
C. H. Fenstermaker & Associates, L.L.C.	135 Regency Square Lafayette, LA 70508	Travis Bodin, PLS, PMP travisb@fenstermaker.com	(337) 237-2200

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.**