

CONTRACT NO. 4400034601

**IDIQ CONTRACT FOR CONSTRUCTION
ENGINEERING AND
INSPECTION SERVICES (CE&I)
STATEWIDE WITH MAJORITY OF WORK
IN DISTRICT 62**

FOR



MARCH 31, 2026

SUBMITTED BY:
HORIZON ENGINEERING, LLC



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

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR CONSTRUCTION ENGINEERING AND INSPECTION SERVICES (CE&I) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 62
2. Contract Number(s) as shown in the advertisement	4400034601
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Horizon Engineering, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0007715
6. Prime consultant mailing address	110 Veterans Memorial Blvd, Ste 430 Metairie, LA 70005
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	110 Veterans Memorial Blvd, Ste 430 Metairie, LA 70005
8. Name, title, phone number, and email address of prime consultant's contract point of contact	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com

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

HORIZON ENGINEERING, LLC

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.



Signature above shall be the same person listed in Section 9:

March 31, 2026

Date:

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

Firm(s):

N/A

Firm(s)' %:

N/A

12. Discipline Table:

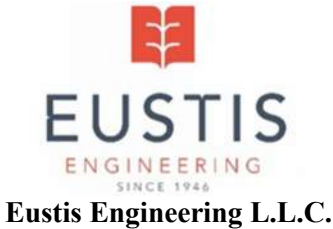
Discipline(s)	% of Overall Contract	Horizon Engineering, LLC (Prime)	Greenman-Pedersen, Inc.	Hardesty & Hanover, LLC	Thompson Engineering, Inc., of Louisiana	Eustis Engineering L.L.C.	Each Discipline must total to 100%
CE&I/OV	100%	51%	15%	15%	15%	4%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	51%	15%	15%	15%	4%	100%

13. Team Size:

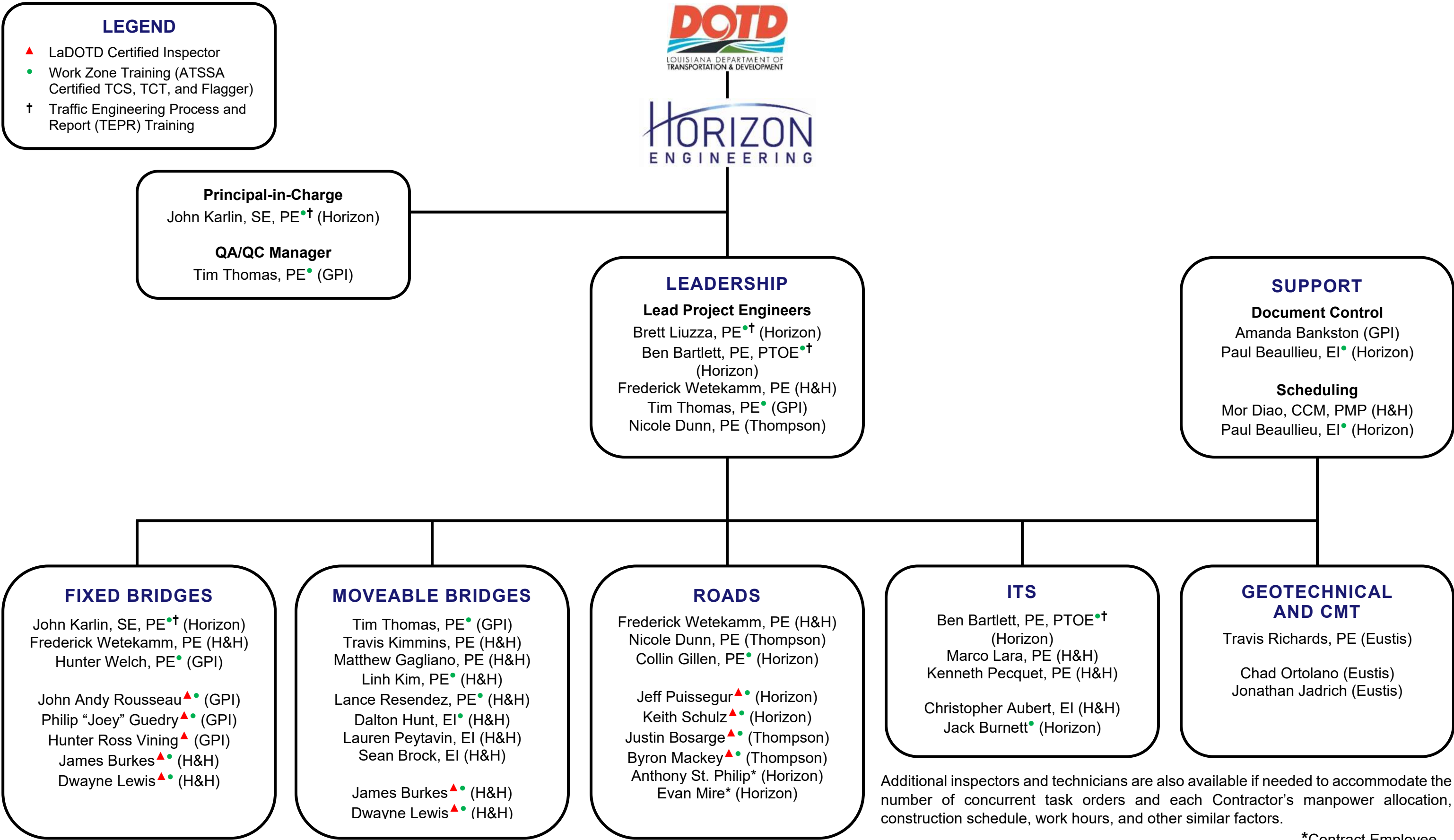
Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	3
	Supervisor - Eng	1	3
	Supervisor - Other	1	1
	Engineer	2	4
	Engineer Intern	1	2
	Project Office Manager	1	1
	Inspector - Lead	1	1
	Inspector - Certified	1	2
	Inspector	2	5
	Inspector - Bridge	0	1
	Supervisor - Eng	1	4
	Engineer	1	2
	Project Office Manager	1	2
	Inspector - Lead	1	2
	Inspector - Certified	1	2
	Inspector	1	6

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)
 Hardesty & Hanover, LLC	Principal	1	2
	Supervisor - Eng	3	4
	Supervisor - Other	1	2
	Engineer	4	6
	Engineer Intern	4	6
	Inspector - Lead	1	1
	Inspector - Certified	1	1
	Administrative	1	2
 Thompson Engineering, Inc., of Louisiana	Principal	1	15
	Supervisor – Engineer	1	16
	Engineer	4	80
	Engineer Intern	0	2
	Inspector – Lead	1	20
	Inspector – Certified	3	31
	Inspector	3	210
	Surveyor	0	18
	Technician	2	78
	Planner	0	3
	Administrative	1	36
	Clerical	1	36

HORIZON ENGINEERING, LLC

Firm name	DOTD Job Classification	Number of personnel <u>committed to this</u> contract *	Total number of personnel available in this DOTD Job Classification (if needed)
Thompson Engineering, Inc., of Louisiana (Continued)	Accountant	1	13
	Principal	2	3
	Supervisor - Eng	2	9
	Supervisor - Other	2	7
	Engineer	1	5
	Engineer Intern	1	6
	Engineering-Aide	2	5
	Geologist	1	2
	Inspector - Certified	1	1
	Inspector	6	13
	Technician	6	9
	Driller	1	8
	CADD Technician	1	1
	Clerical	3	11
	Accountant	1	3

14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026
2	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026
3	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2027
4	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 – Civil	LA	3/31/2028
5	Timothy D. Thomas, PE	Greenman-Pedersen, Inc.	PE #34762 – Civil	LA	9/30/2027
	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 – Civil	LA	3/31/2028
6	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
	Marco Lara, PE	Hardesty & Hanover, LLC	PE #44115 – Electrical	LA	3/31/2028
	Kenneth Pecquet, PE	Hardesty & Hanover, LLC	PE #47471 – Electrical	LA	9/30/2027
7	Timothy D. Thomas, PE	Greenman-Pedersen, Inc.	PE #34762 – Civil	LA	9/30/2027
	Travis Kimmins, PE	Hardesty & Hanover, LLC	PE #43676 – Mechanical	LA	3/31/2026
	Matthew Gagliano, PE	Hardesty & Hanover, LLC	PE #37500 – Mechanical	LA	3/31/2027

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Brett Liuzza, PE		Years of relevant experience with this employer	2
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			Bachelor of Science / 2008 / Civil Engineering	
Active registration number / state / expiration date			37753 / LA / 9/30/2027	
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Role: Project Engineer (Satisfies MPRs 1, 2, 3, and 4) Responsibilities: Construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/08 – Present	- Nearly 20 years of construction administration and construction engineering experience, including many recent LaDOTD CE&I projects in District 62. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.			
05/23 – 01/24	H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. Cost: ≈\$1,000,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.			
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. Cost: ≈\$970,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.			
10/25 – Present	H.014737.6 – Signal Upgrade: Sgt Alfred Dr @ Cleveland Owner: City of Slidell (LaDOTD LPA project). Scope: Replacement of existing wire mounted traffic signals and installation of new crosswalks and pedestrian signals. Cost: ≈\$380,000. Role: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, submittals, and pay applications.			
07/23 – 01/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Assistant Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed Site Manager duties. Coordinated construction materials testing. Prepared change orders.			

Brett Liuzza, PE (Continued)

03/25 – Present	H.014049.6 – St. Bernard Pedestrian Improvements Owner: LaDOTD. Scope: Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Cost: ≈\$500,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.
07/21 – 01/24	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the road. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
10/18 – 10/23	H.007271.6 – Canal Blvd (R.E. Lee – Amethyst) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water, improvements. Cost: ≈\$6,800,000. Role: Project Engineer. Managed 2 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
04/25 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15” RCP to 48” RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: Project Engineer. Managed inspectors. Reviewed submittals. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders.
04/25 – 02/26	H.012868.6 – Fortune Road Pavement Preservation Owner: City of Youngsville (LaDOTD LPA project). Scope: Milling, patching, and overlay of existing asphalt road (≈1.1 miles). Cost: ≈\$510,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
07/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related road damage and repair/replacement of deficient roads (85 PCC pavement streets and 8 miles of asphalt roads). Cost: ≈\$50,000,000 (est.). Role: Civil Engineer. Evaluated roadway damage. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, utility adjustments, and adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared plans, specifications, and opinions of probable construction cost. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
07/13 – 05/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and road, pedestrian, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Project Engineer. Designed erosion control pavement geometric layout, tree preservation wall geometry, site grading, drainage pipes, drainage structures, drainage outfalls, and miscellaneous features. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Ben Bartlett, PE, PTOE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Civil Engineering / 2010 / Civil Engineering Bachelor of Science / 2008 / Civil/Environmental Engineering	
Active registration number / state / expiration date		PE: 38980 / LA / 9/30/2026 PTOE: 4020 / USA / 3/29/2028	
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer
Contract role(s) / brief description of responsibilities		Role: Project Engineer (Satisfies MPRs 1, 2, 3, 4, and 6) Responsibilities: Construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/10 – Present	- Nearly 20 years of construction administration and construction engineering experience, including many recent LaDOTD CE&I projects in District 62. - 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.		
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. Cost: ≈\$970,000. Role: Assistant Project Engineer. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Reviewed construction materials testing. Developed adjustments to curb ramps based on existing site conditions. Reviewed change orders and project closeout documentation.		
10/25 – Present	H.014737.6 – Signal Upgrade: Sgt Alfred Dr @ Cleveland Owner: City of Slidell (LaDOTD LPA project). Scope: Replacement of existing wire mounted traffic signals and installation of new crosswalks and pedestrian signals. Cost: ≈\$380,000. Role: Project Engineer. Reviewed submittals and pay applications. Performed HeadLight and SiteManager duties.		
05/23 – 01/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.		

Ben Bartlett, PE, PTOE (Continued)

03/25 – Present	H.014049.6 – St. Bernard Pedestrian Improvements Owner: LaDOTD. Scope: Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Cost: ≈\$500,000. Role: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
04/25 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15” RCP to 48” RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
04/25 – 02/26	H.012868.6 – Fortune Road Pavement Preservation Owner: City of Youngsville (LaDOTD LPA project). Scope: Milling, patching, and overlay of existing asphalt road (≈1.1 miles). Cost: ≈\$510,000. Role: QA/QC Manager. Performed QA/QC reviews, including review of HeadLight and SiteManager data, RFIs, submittals, pay applications, and change orders.
03/21 – 01/24	H.013939.6 – Veterans Blvd Transit Signal Priority Owner: Jefferson Parish (LaDOTD LPA project). Scope: Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Kenner and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders.
06/10 – 09/14	St. Charles Parish Road Maintenance Program (2010 – 2014) Owner: St. Charles Parish. Scope: Annual inspection of all St. Charles Parish-owned roads and repair/replacement of deficient roads. Cost: ≈\$1,500,000 annually. Role: Program Manager and Lead Civil Engineer. Led road inspections. Developed road repair/replacement priority lists for the verifiable expenditure of state/federal funds. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, and utility adjustments. Prepared plans, specifications, and opinions of probable construction cost. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
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 and performed inspections. Reviewed RFIs, submittals, and pay applications. Managed inventory for ≈\$19,000,000 of stockpiled raw materials. Inspected fabricated steel posts and rails prior to installation. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
10/24 – 11/24	TTC Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Private. Scope: Temporary traffic control plans to facilitate bridge coating and installation of associated temporary works, such as containment systems and work platforms. Role: Lead Traffic Engineer. Designed lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). Prepare temporary traffic control plans in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	John Karlin, SE, PE		Years of relevant experience with this employer
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Master of Science / 2017 / Civil (Structural) Engineering Bachelor of Science / 2016 / Civil Engineering	
Active registration number / state / expiration date		PE: 44795 / LA / 3/31/2027 SE: 081-008511 / IL / 11/30/2026	
Year registered	PE: 2020 SE: 2020	Discipline	Civil Engineer and Structural Engineer Structural Engineer
Contract role(s) / brief description of responsibilities		Role: Principal-in-Charge and Project Engineer (Satisfies MPRs 1 and 2) Responsibilities: Contract administration, construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/17 – Present	- Nearly 10 years of construction administration and construction engineering experience, including LaDOTD projects. - Satisfies National Bridge Inspection Standards (NBIS) qualification requirements for Bridge Inspection Program Manager and Team Leader (completed FHWA-NHI-130056 Safety Inspection of In-Service Bridges for Professional Engineers). - AMPP (Formerly NACE/SSPC) Senior Certified Coatings Inspector (CIP Level 3). - AMPP C3 Supervisor/Competent Person Training for Deleading and Hazardous Coatings Removal. - Completed all LaDOTD Structural Concrete certification written exams (currently awaiting performance evaluation availability). - 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. Identified potential design and constructability issues.		
10/23 – 01/24	H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project) Owner: United States Army Corps of Engineers (USACE)/LaDOTD. Scope: Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. Cost: ≈\$130,000,000. Role: Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site and reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls. Identified potential public safety issues.		

John Karlin, SE, PE (Continued)

03/25 – Present	H.014049.6 – St. Bernard Pedestrian Improvements Owner: LaDOTD. Scope: Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Cost: ≈\$500,000. Role: Principal-in-Charge. Coordinated with DOTD and the Contractor.
04/25 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15" RCP to 48" RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: Principal-in-Charge. Coordinated with City of Youngsville, DOTD, and the Contractor.
04/25 – 02/26	H.012868.6 – Fortune Road Pavement Preservation Owner: City of Youngsville (LaDOTD LPA project). Scope: Milling, patching, and overlay of existing asphalt road (≈1.1 miles). Cost: ≈\$510,000. Role: Principal-in-Charge. Coordinated with City of Youngsville, DOTD, and the Contractor.
01/21 – 06/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.
05/19 – 09/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Assistant Project Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; managed inventory for ≈\$19,000,000 of stockpiled raw materials; inspected fabricated steel posts and rails prior to installation; coordinated construction materials testing; prepared change orders; and prepared project closeout documentation.
11/24 – 04/25	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. Cost: ≈\$5,400,000. Role: Coating Quality Assurance Manager. Reviewed submittals, including Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation. Performed coating inspections, including visual inspections and environmental conditions, soluble salts, surface profile, and dry film thickness testing.
04/20 – 03/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Assistant Project Engineer. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Collin Gillen, PE		Years of relevant experience with this employer
Title	Civil Engineer		<1
Degree(s) / Years / Specialization		Bachelor of Science / 2020 / Civil Engineering	
Active registration number / state / expiration date		49017 / LA / 9/30/2026	
Year registered	2024	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Role: Project Engineer Responsibilities: Construction administration (including HeadLight and SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and other stakeholders.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/20 – Present	- Over 5 years of construction administration and construction engineering experience, including LaDOTD CE&I projects. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.		
01/21 – 01/24	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt road with PCC pavement road (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ~\$5,900,000. Role: Assistant Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the road. Performed Site Manager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.		
09/23 – 03/25	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ~\$3,400,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders.		
05/23 – 12/23	H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. Cost: ~\$1,000,000. Role: Assistant Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.		
09/23 – 06/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. Cost: ~\$970,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.		

Collin Gillen, PE (Continued)

06/24 – 01/26	H.014681.6 – Nine Mile Point Road: US 90 – LA 18 Owner: Jefferson Parish (LaDOTD LPA project). Scope: Milling, patching, and overlay of existing asphalt road. Cost: ≈\$1,500,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
06/24 – 01/26	H.014642.6 – PR 929 Overlay: US 61 – Parker Rd. Owner: Ascension Parish (LaDOTD LPA project). Scope: Milling, patching, and overlay of asphalt road (≈2.4 miles). Cost: ≈\$1,100,000. Role: Project Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
02/26 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15” RCP to 48” RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: Assistant Project Engineer. Managed inspectors. Performed HeadLight and SiteManager duties. Coordinated construction materials testing. Prepared change orders.
01/21 – 6/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Assistant Project Engineer. Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Prepared change orders and project closeout documentation.
09/24 – 09/25	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. Cost: ≈\$5,400,000. Role: Project Engineer. Managed inspector and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders and project closeout documentation.
05/20 – 02/24	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Assistant Project Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors; 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.
10/20 – 01/26	Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ≈\$19,000,000. Role: Civil Engineer. Reviewed design of 15” to 72” RCP drainage system and tie-ins to surrounding drainage system. Designed asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Paul Beaulieu, EI		Years of relevant experience with this employer
Title	Construction Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Science / 2002 / Civil Engineering	
Active registration number / state / expiration date		EI: 20666 / LA / 3/31/2028	
Year registered	2003	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Project Office Manager Responsibilities: Construction administration (including HeadLight and SiteManager duties), management of inspectors, document control, and scheduling.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/03 – Present	- Nearly 25 years of construction management experience. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Experience with Primavera P6 (CPM), Navisworks (BIM), USACE Resident Management System (RMS), Procore, and various other project and construction management software.		
10/25 – Present	Louisiana Ave., Harmony St., & Seventh St. Wharf Substructure Repairs (CMAR) Owner: Port of New Orleans. Scope: Rehabilitation of 1950s wharf and two 1970s wharves along Mississippi River (approximately 4,300 steel pipe piles and H-piles, 500,000 square feet of cast-in-place and precast reinforced concrete deck, and 4,000 feet of steel sheet pile bulkhead) and repair of a large deck failure (approximately 6,000 square feet). Cost: ≈\$40,000,000 (est.). Role: Construction Manager and Scheduler. Currently providing construction management and independent cost estimating services in accordance with the CMAR project delivery method. Managed inspector. Reviewed daily work records (DWRs). Coordinated with Contractor and other project stakeholders.		
10/25 – Present	Woodhouse Grain Elevator Improvements Owner: Port of Houston Authority. Scope: Grain elevator improvements, including three new 72’ diameter by 138’ tall reinforced concrete grain silos and associated conveyors, new reinforced concrete rail receiving pit and associated rail improvements, and replacement of existing conveyors and east shiploader. Cost: ≈\$70,000,000. Role: Construction Manager. Managed inspectors. Reviewed daily work records (DWRs). Coordinated with Contractor and other project stakeholders.		
2019 – 2025	Construction/CMAR/Civil/Scheduling Consultant Role: Consultant. Scope: Provided CMAR planning, scheduling, project management, and quality control management services, including using Primavera P6, Procore, Navisworks Manage, and USACE Resident Management System (RMS), for various projects, such as: - University of Louisiana at Lafayette, Cajun Field Renovations - Lafayette Parish School System, Prairie Elementary School - Lafayette Parish School System, Carencro Bob Lilly Elementary School - USACE, Angola Camp F Ring Levee		

Paul Beaulieu, EI (Continued)

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

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Jeff Puissegur		Years of relevant experience with this employer
Title	Senior Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Arts / 1999 / Social Science Associate of Arts / 1996 / Business Management	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
2008 – Present	- Nearly 20 years of inspection experience, including many recent LaDOTD CE&I projects in District 62. - Certified by LaDOTD in Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving (currently pursuing Structural Concrete certification) - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.		
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 handicap ramps. Cost: ≈\$1,000,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
05/24 – 08/24	H.011775.6 – US 11 & US 190 Bicycle and Ped Crossings Owner: LaDOTD. Scope: Intersection improvements at US 11/US 190, including milling, patching, and overlay of asphalt and replacement of asphalt with PCC pavement; installation of traffic signals (vehicular and pedestrian), concrete sidewalks, and crosswalks; and drainage structure modifications. Cost: ≈\$1,200,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		
01/24 – 05/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.		

Jeff Puissegur (Continued)

01/22 – 02/23	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
03/25 – 10/25	H.014049.6 – St. Bernard Pedestrian Improvements Owner: LaDOTD. Scope: Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Cost: ≈\$500,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Obtained material samples and assisted with coordination of construction materials testing. Assisted with the review of RFIs. Prepared redline as-built plans.
08/24 – 11/24	H.014642.6 – PR 929 Overlay: US 61 – Parker Rd. Owner: Ascension Parish (LaDOTD LPA project). Scope: Milling, patching, and overlay of asphalt road (≈2.4 miles). Cost: ≈\$1,100,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with the review of RFIs. Prepared redline as-built plans.
01/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). Cost: ≈\$50,000,000 (est.). Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway. Assisted with the preparation of project closeout documentation.
09/16 – 02/17	H.007277.6 – Lake Forest Boulevard Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of roadway with PCC pavement roadway; asphalt roadway milling and overlay; and drainage, sewer, and water improvements. Cost: ≈\$490,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
05/19 – 08/20	H.011798.6 – Airline Park Blvd (Camphor – W Napoleon) Owner: Jefferson Parish (LaDOTD LPA project). Scope: Replacement of asphalt roadway and PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps); drainage, sewer, and water improvements; and installation of drainage pump station and associated canal bank sheeting and riprap. Cost: ≈\$6,000,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with materials sampling and coordination of construction materials testing. Assisted with the review of RFIs and the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway. Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Keith Schulz		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		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: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
06/12 – Present	- Over 12 years of inspection experience, including LaDOTD projects. - Certified by LaDOTD in HMA (Asphalt Concrete) Paving and has completed all Embankment and Base Course certification written exams (currently awaiting performance evaluation availability). - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.		
04/25 – 08/25	H.012868.6 – Fortune Road Pavement Preservation Owner: City of Youngsville (LaDOTD LPA project). Scope: Milling, patching, and overlay of existing asphalt road (≈1.1 miles). Cost: ≈\$510,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing. Prepared redline as-built plans.		
04/25 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15” RCP to 48” RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: Lead Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing.		
04/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		
04/21 – 09/21	Mid-City Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (111 blocks). Cost: ≈\$24,000,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		
04/21 – 05/23	Black Pearl Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; and drainage, sewer, and water improvements (18 blocks). Cost: ≈\$6,600,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.		

Keith Schulz (Continued)

09/20 – 04/21	Audubon Group A Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (89 blocks). Cost: ≈\$9,400,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans. Assisted with the preparation of project closeout documentation.
02/22 – 04/22	Extension of Taxiway Golf and Taxiway Bravo NOAB Project No. TWY G-1234 & TWY B-1235 Owner: New Orleans Aviation Board. Scope: Extension of Taxiway Golf to the end of Runway 11 (≈1,500 feet), extension of Taxiway Bravo to Taxiway Golf, and associated lighting and signage improvements. Cost: ≈\$50,000,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Prepared redline as-built plans.
01/17 – 09/20	Heavy Civil Construction Experience Scope: Various heavy civil construction projects, including demolition, pile driving, earthwork, drainage, utilities, asphalt pavement, and PCC pavement. Role: Multiple roles, including Project Manager and Estimator. Reviewed bid advertisements and prepared quantity takeoffs. Reviewed plans and specifications and prepared work plans for field personnel. Managed field personnel and coordinated with subcontractors. Resolved field and contract issues with owner and field personnel. Prepared RFIs, submittals, and change order requests.
01/16 – 01/17	Surveying Experience Scope: Surveying for various site development, road, and drainage projects. Role: Survey Technician. Assisted with topographic surveying, including establishing vertical and horizontal control, obtaining elevations, and locating visible utilities.
06/12 – 01/16	Residential Construction Experience Scope: Various residential construction projects. Role: Multiple roles, including Quality Control Field Manager and Quality Control Field Representative. Performed inspections and observed inspections by others. Coordinated inspections and non-destructive testing with owner and subcontractor personnel. Verified that necessary quality control records, acceptance certificates, mechanical completion certificates, and other documentation for specific building systems were prepared and documented. Assisted with identification and resolution of nonconforming work, including preparation of corrective action plans.

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Jack Burnett		Years of relevant experience with this employer	<1
Title	Inspector		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities			Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/06 – Present	- Nearly 20 years of electrical and inspection experience, including LaDOTD and LaDOTD LPA CE&I projects. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Licensed journeyman electrician.			
09/25 – Present	H.012867.6 – S Larriviere Rd: LA 92 – Chemin Metairie Owner: City of Youngsville (LaDOTD LPA project). Scope: Full road reconstruction, including new asphalt road, subsurface drainage system (15” RCP to 48” RCP), precast concrete box culverts, curb and gutter, driveways, and sidewalks. Cost: ≈\$8,700,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with coordination of construction materials testing.			
11/25 – 11/25	Woodhouse Grain Elevator Improvements Owner: Port of Houston Authority. Scope: Grain elevator improvements, including three new 72’ diameter by 138’ tall reinforced concrete grain silos and associated conveyors, new reinforced concrete rail receiving pit and associated rail improvements, and replacement of existing conveyors and east shiploader. Cost: ≈\$70,000,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs).			
03/17 – 02/23	LaDOTD Electrical Experience Scope: Electrical system maintenance and repairs along the US 90 corridor from approximately the Superdome to the Alario Center. Role: Multiple roles, including Interim Electrical Foreman, Electrician Specialist Leaderman, and Electrician Specialist. Performed electrical system maintenance and repairs for the Crescent City Connection bridge lighting, aerial beacon lighting, channel marker lighting, decorative lighting, HOV gate controls, and switchgear; General De Gaulle pump station pumps, generator, and switchgear; Harvey Tunnel electrical/HVAC components; various bridge and road lighting and permanent message boards; various building electrical/HVAC components, underground feeder, and backup generators; high voltage substation; and radio tower.			
08/11 – 03/16	Heavy Civil Electrical Experience Scope: Various heavy civil electrical installation, maintenance, and repair projects for City of New Orleans, Lafourche Parish, Entergy, City of Shenandoah, and other entities. Role: Multiple roles, including Electrical Foreman, Electrician, Service Electrician, and Lineman. Installed, maintained, and/or repaired traffic signals, moveable bridge electrical components, road and parking lot lighting, transmission and distribution powerlines (overhead and underground), high voltage transformers, 3-phase secondary systems, and underground feeds.			

Jack Burnett (Continued)

05/06 – 08/11, 02/16 – 03/17, and 02/23 – 09/25	Residential and Commercial Electrical Experience Scope: Various residential and commercial electrical projects, including new construction and renovations. Role: Multiple roles, including Electrical Foreman, Electrician, Service Electrician, Assistant Service Manager, and Estimator. Installed, maintained, and/or repaired underground lines, generators, low voltage systems, commercial communication lines, and switchgear. Performed service calls. Prepared cost estimates and coordinated service calls.
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16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Anthony St. Philip		Years of relevant experience with this employer	<1
Title	Senior Inspector		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			Bachelor of Science / 1980 / Industrial Management Technology	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Role: 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).			
01/23 – 12/24	RR 215: Dillard Group A & B (RR031/RR032) Owner: City of New Orleans. Scope: Road reconstruction, asphalt milling and overlay, road patching, and associated drainage, sewer, and water improvements for 188 city blocks in the vicinity of Dillard University. Cost: ≈\$40,000,000. Role: Lead Inspector. Inspected base course installation, PCC pavement installation, asphalt milling and overlay, asphalt patching, PCC pavement patching; drainage pipe, drainage structure, curb, driveway, and sidewalk installation; and pavement marking installation. Reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
06/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			
05/20 – 06/21	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
05/10 – 05/14	Tidewater Road Reconstruction Owner: Plaquemines Parish. Scope: Construction of new 12” concrete road outside of flood protection (3 feet higher than original road to reduce flooding), detour road, and waterline relocation (≈2.5 miles long). Cost: ≈\$20,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			

Anthony St. Philip (Continued)

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

16. Staff Experience:

Firm employed by Horizon Engineering, LLC			
Name	Evan Mire		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of General Studies / 2013	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/21 – 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	Timothy D. Thomas, PE		Years of relevant experience with this employer
Title	Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2004 / Civil Engineering, Louisiana Tech University		
Active registration number / state / expiration date	PE 34762/ Louisiana/9-30-2027		
Year registered	2008	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Project Engineer MPR # 7		
20 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 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 440005410 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;
01/07-02/11	LADOTD Project - 232-01-0055 – LA 70: Belle River Bridge Rehabilitation, Assumption Parish, Project Engineer (DOTD). Mr. Thomas was the contract administrator and technical lead for this project. This project's scope included the replacement of the existing pontoon moveable bridge with a new, fabricated steel pontoon, approach ramps, and electrical/mechanical equipment. All electrical and mechanical systems, controls, and traffic signals were replaced including the back-up generator.

16. Staff Experience:

Firm employed by: Greenman-Pedersen, Inc.				
Name	Amanda Bankston		Years of relevant experience with this employer	8
Title	Contract Support Specialist		Years of relevant experience with other employer(s)	7
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		Project Office Manager		
15 years of experience	Ms. Bankston has 15 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 is 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.			
12/2022-Present	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.			
12/2021-10/2023	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.			
10/2021–04/2024	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.			
9/2021–04/2024	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.			
08/2018–07/2021	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.			

08/2018–07/2022	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.
01/2019-06/2020	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.
6/2016–07/2018	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.
04/2018–06/2018	H.013397- Emergency Mississippi River Bridge Approach Slabs. 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.
07/2014–11/2015	H.010531- LA 1148 & LA 988: Stabilize and Overlay. Office Manager (DOTD). Ms. Bankston's responsibilities included completing the final estimate and the final change order for this job. 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.

16. Staff Experience:

Firm employed by: Greenman-Pedersen, Inc.				
Name	Hunter Welch, PE		Years of relevant experience with this employer	4
Title	Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		B.S., Civil Engineering, Louisiana Tech University, 2017		
Active registration number / state / expiration date		45876 / Louisiana / 03-31-2026		
Year registered	2019	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer		
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).			
9 years of experience	Mr. Welch has over 9 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.			
12/2022-Present	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. Duties includes assisting the Project Engineer, CE&I oversight, contract administration, coordination of inspection staff, material sampling & testing; scheduling; surveying; review and resolution of RFIs/contract disputes/change orders; assembling 2059 and final documentation 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. Client: LaDOTD. Contact: Justin Guilbeau (504) 253-6102			
07/2022-06/2022	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. <i>Quality Manager.</i> Hunter 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.
06/2017–06/2020	Louisiana DOTD Project – H.002622 – LA 616 (Arkansas Rd) Widening and Roundabouts – Ouachita Parish, <i>Project Engineer.</i> 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	6
Title	Certified Lead Inspector		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		B.S., Civil Engineering, Louisiana Tech University, 2017		
Active registration number / state / expiration date		ATSSA Louisiana Specific Traffic Control Supervisor / completed 04-11-2024 LADOTD Certified PCC Paving Inspector 06/26/2030 LADOTD Certified Asphalt Plant Inspector/Technician / 03-24-2027 LADOTD Certified Asphalt Paving Inspector/Technician 04-19-2027 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 Construction 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 years of experience specified in the applicable MPR(s).			
02/2025–Present	LADOTD – H.014258 – LA 1: Port Allen Canal Bridge (Phase 2), West Baton Rouge , Lead Inspector. This major bridge construction project includes the construction of the new steel and concrete girder northbound bridge over the Port Allen Lock Canal in District 61. This project includes precast concrete piles, structural bridge footings & columns, precast concrete and structural steel girders, steel sheet piles, and MSE retaining walls.			
06/2021–01/2025	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. 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.			
11/2020–09/2021	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			
01/2020–11/2020	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
01/2020-07/2021	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. As a Certified Structural Concrete Tech., assigned to supervise and inspect work in the field consisting of inspecting bridges on major projects. Such as: calculations, checking and recording re-steel and concrete quantities, checking forms and grade prior to the placing of re-steel, and pouring concrete footing, columns, caps, decks, curbs, handrails, and running the necessary tests such as air content, slump, gradation on aggregate, moisture and density tests and making concrete cylinders for pay on projects. As a Certified Portland Cement Roadway Tech., assigned to supervise and inspect the work in the field. Consisting of inspecting pavement roadway of the sub-base, base, and roadway grades. Checking the alignment, yield, calculation, checking and recording re-steel and concrete quantities. Running the necessary tests, such as air content, slump, gradation on aggregate, moisture and density tests and makes concrete cylinders. As a certified Asphalt Concrete Roadway Tech., assigned to supervise and inspect work in the field, consisting of inspecting asphalt roadway to determine the yield of the hot mix, observing the unloading of the trucks, also observing the lay down of the hot mix. Writing haul tickets, checking of the yield, and overseeing the cutting of the core samples. As a certified Asphalt Concrete roadway Tech., assigned to supervise and inspect work in the field, consisting of inspecting asphalt roadway to determine the yield of the hot mix, observing the onloading of the trucks, also observing be lay down of the hot mix. writing haul tickets, checking of the yield, and overseeing the cutting of the core’s samples. As an Inspection Specialist in Embankment and Base Course which consists of work in the field, calculating the spread rate of cement, checking the yield, running tests such as moisture and density, also running a proctor on sand, limestone. and 4irt for base and backfill. 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: Greenman-Pedersen, Inc.				
Name	Phillip "Joey" Guedry		Years of relevant experience with this employer	7
Title	DOTD Certified Lead Inspector		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		ATSSA LA State Specific Traffic Control Supervisor / 8-7-2027 ATSSA Certified Flagger / 07-14-2027 LADOTD Structural Concrete Inspector / 5-29-2029 LADOTD PCC Paving Inspector / 10/30/2029 LADOTD Embankment and Base Coarse Inspector / 07-18-2028 LADOTD Asphalt Paving Inspector/Technician / 04-02-2028 LADOTD Certified Embankment and Base Course Inspector / 07-18-2028 LADOTD Authorized Density Tester LADOTD Authorized Concrete Field Tester SSPC Level 1 Bridge Coatings Inspector / 06-30-2026		
Year registered	N/A	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Lead Construction 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 years of experience 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			
09/2019-03/2024	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			
05/2019-09/2019	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.
05/2019-09/2019	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
09/2015-05/2019	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: Greenman-Pedersen, Inc.			
Name	Hunter Ross Vining		Years of relevant experience with this employer
Title	Certified Construction Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	LADOTD Certified Structural Concrete Inspector ATSSA Certified Traffic Flagger Completed 04/2022 LADOTD PCC Paving Inspector Exp. 06/23/2030 LADOTD Structural Concrete Inspector Exp. 04/18/2028 ATSSA TCS Exp. 11/30/2026		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Certified Construction 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 years of experience specified in the applicable MPR(s).		
05/2023-Present	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		
04/2022-05/2023	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, base course, and HMA paving. Client: LaDOTD		
06/2020-04/2022	LaDOTD H.011670 Loyola Drive at I-10 Interchange Improvements Kenner LA. Quality Control Inspector (Gilchrist Construction)- 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		
02/2024-04/2025	SPN: H.013897: College Drive Flyover Ramp I-10/I-12 West, East Baton Rouge Parish: Inspector for the project consisting of modifying the I-10 West/College Drive exit into separate I-12 West and I-10 West exits. This project and three other significant infrastructure projects are being funded through the state’s first issuance of GARVEE bonds, which are special bonds that are repaid using federal funds allocated to Louisiana.		

06/2025-11/2025	State Contract No. 4400018899: LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements: This project was a Public/Private/Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. Duties included Environmental compliance, and inspection.
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16. Staff Experience:

	Firm employed by: Hardesty & Hanover			
	Name	Frederick L. Wetekamm, III, PE	Years of relevant experience with this employer	7
	Title	Senior Bridge Engineer	Years of relevant experience with other employer(s)	30
	Degree(s) / Years / Specialization		M.E. / 2018 / Construction Management B.S. / 1984 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 25369 / LA / 3/31/2028 Certifications: FHWA NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges; FHWA NHI 130055 Safety Inspection of In-Service Bridges; FHWA-NHI 130053 Bridge Inspection Refresher Training; ATSSA Traffic Control Supervisor and Flagger; Maintenance & Rehabilitation of Historic Bridges (LADOTD); FHWA NHI #139005, Driven Pile Foundations – Construction Monitoring		
Year registered	1993	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Road and Bridge Construction Engineer; Meets MPR 4 and 5		
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).			
08/20 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Construction Project Engineer responsible for managing construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; construction and close-out and testing and acceptance of construction materials.			
08/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOEC Construction Project Engineer responsible for providing construction engineering and inspection services required during the safety bay improvement project for fabrication of pre-stressed piles and girders, caps and decks as well as all other construction activities including field monitoring, documentation, preparation of daily reports, participation in construction progress meetings, and construction close-out and testing and acceptance of construction materials.			
09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Construction Quality Control Manager for design and construction quality control/quality assurance for this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications and testing and acceptance of construction materials.			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Construction Project Engineer responsible for managing construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
11/15 – 03/18	Danziger Vertical Lift Bridge Rehabilitation (SP 000303.6), Orleans Parish, LA - LADOTD			

	Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Certified Inspectors for construction inspection. This project scope involved the replacement of the asphaltic concrete roadway on the lift span (310-lf x 72-lf) with a latex modified concrete, replace the lifting ropes, replace most of the mechanical operating components, and rehabilitation of the operator house.
01/07 – 12/17	Area Engineer, LADOTD, District 02, LA – LADOTD Project Coordinator in responsible charge providing for direct oversight on all construction projects including five bridge replacement projects, six roadway restoration projects, the federally funded Submerged Roads Program (55 streets, \$118 million), the federally funded Paths to Progress Program (69 streets, \$90 million), the Regional Transportation Management Center (\$13.9 million), and several Corps of Engineers flood protection projects on the state ROW. As the Department Coordinator, provided technical oversight, interpretation, and review on department standards, policies, testing and inspection procedures, funding expenditures, and documentation; and constantly monitored the quality control methods of contractors, quality assurance expectations of consultants, traffic control plans, project schedules (bar chart and CPM), change orders, and pay requests to confirm compliance with the contract requirements. Provided diligent oversight on the program and closely monitoring activities; coordinated revised construction method with the Construction Program Manager to save over \$10 million for additional roadways to be added to the programs.
06/12 – 12/13	US 90 Judge Seeber (Claiborne Ave) Vertical Lift Bridge (SP 001200), New Orleans, LA - LADOTD Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Certified Inspectors for construction inspection. This project scope involved the repainting of the bridge while maintaining marine and vehicular traffic, replacing deteriorated structural components, and repairing lift span guide rails.
11/09 – 11/11	S.P. No. 742-36-0117 Fleur De Lis Drive Reconstruction Phase II – Veterans Blvd to 30th Street, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge providing construction engineering inspection services for the Fleur De Lis Roadway Rehabilitation Projects Phases 1, 2, and 3 Program which were complete reconstruction of the roadway and drainage.
07/07 - 11/10	South Louisiana Submerged Roads Program, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge providing construction engineering and inspection services for the South Louisiana Submerged Roads Program which provided repairs and resurfacing of 56 roads in Orleans, Jefferson, and St Bernard Parishes that were damaged from Hurricane Katrina. The project was funded by FHWA's Emergency Relief Program. Responsibilities included testing and acceptance of construction materials.
11/15 – 03/18	S.P. No. 006196 Wisner Bridge Replacement, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge for contract administration, supervision of the Project Engineer, and LADOTD Certified Inspectors for construction inspection. This project scope was to replace the 1955 bridge with a new structure. The 1,500-foot-long new bridge consists of prestressed concrete pilings, with a combination of precast prestressed concrete girder spans and steel girder spans over I-610. Coordinated with the Designer/ Engineer of Record, the City of New Orleans, and the LADOTD Program Manager from the inception to provide the most effective design to meet the current needs of the public utilizing the current LADOTD BDEM and LSSRB. The bridge provides a dedicated protected bike lane.
07/16 – 09/18	Bayou La Loutre Vertical Lift Bridge Rehabilitation (SP 002562), St. Bernard Parish, LA - LADOTD Project Engineer responsible for assisting designers in understanding the bridge operation and maintenance preferences for the LADOTD and providing construction engineering and inspection services during construction. The Bayou La Loutre Bridge Rehabilitation Project scope consisted of bridge structural repairs, cleaning and painting of the bridge structure, installation of a new fender system, and replacement of the bridge operator house utilizing the current LADOTD BDEM and LSSRB. Built in 1957, this project was the first major rehabilitation to the bridge. Responsibilities included testing and acceptance of construction materials.
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Construction Project Engineer responsible for managing the roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves: new waterline installation, new drainage system, and MSE Wall installation. Ensures all documentation and contract requirements are met. Involved with the submittal, RFI, RFCO, and change order reviews. H&H provides contract administration and performs construction engineering inspection services.

16. Staff Experience:

	Firm employed by Hardesty & Hanover, LLC		
	Name	Marco Lara, PE	Years of relevant experience with this employer
	Title	Senior Electrical Engineer	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization	B.S., / 2004 Electrical Engineering	
Active registration number / state / expiration date		Professional Engineer: 0044115 / LA / 3/31/2028 Certifications: NACE Certified CP1 Cathodic Protection Tester (28390) NACE Certified CP2 Cathodic Protection Technician (28390) NACE Certified Corrosion Technician (28390)	
Year registered	2019	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Electrical Construction Engineer - Meets MPR 6	
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).		
08/19 - Present	Lapalco Boulevard Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW Electrical Construction Engineer contributing to the pre-design electrical inspection and resulting Bridge Design Report (BDR) for the rehabilitation and widening of the existing four-lane Lapalco Boulevard project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lanes as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal to be constructed as an independent structure immediately adjacent and north of the existing bridge with a new operator house. Improvements to bridge and roadway approaches and development of a Traffic Control Plan were also included. Project is being designed to LADOTD standards and specifications.		
07/19-Present	Boca Grande Causeway Swing Bridge Replacement, Placida, FL – Gasparilla Island Bridge Authority Electrical Construction Engineer responsible for reviewing shop drawings, reviewing schedules, preparing the final as-builts, monitoring field activities. This project required the replacement of a structurally deficient swing span bridge located on the Boca Grande Causeway. Serves in an on-call capacity under the current contract to assist in troubleshooting issues that may arise and serve as the PM for any projects required.		
03/12-11/13	CR 78 Matlacha Bascule Bridge Replacementm, Matlacha, FL - Lee County Government Electrical Designer and Construction Engineer responsible for electrical power distribution layout, calculations, development of technical special provisions, and plan sheets for a replacement single-leaf bascule bridge. Other responsibilities included lighting and roadway lighting schemes, standby generator set sizing, navigation and development of closed-circuit television (CCTV), and grounding systems. Performed lighting analysis and design of electrical equipment room, control house, and piers project features a variable speed drive (VSD) controlling a hydraulic cylinder span drive configuration. Duties included shop drawing review, shop inspections, witness testing, field inspection, and estimate of completion. Inspected installation of all electrical components and performed functionality testing of complete electrical system.		
11/21 - Present	Hillsborough River Lift Bridge, Hillsborough County, FL - Florida DOT Electrical Engineer of Record on the rehabilitative design. Assisted with the post design and construction support services. The rehabilitative design for this vertical lift, originally built in 1939, carries US-92 EB/Hillsborough Avenue over Hillsborough River (FDOT #100920). H&H was in the process of preparing plans for routine maintenance repairs to both bridges when, in August 2022, during a routine opening of the vertical lift span, one corner of the span snagged and snapped one of the lift cables. H&H engineers worked with a local contractor to procure a new cable and make the span operational in only 10 days.		

2014 - 2015	Main Street Vertical Lift Bridge, Jacksonville, FL - FDOT Electrical Construction Engineer responsible for the construction engineering and inspection of the electrical rehabilitation of a vertical lift bridge. Responsibilities included documenting work performed and equipment installed. Submitted daily reports to Project Engineer of construction progress. Witnessed installation, insulation resistance testing of droop cables and final functionality check of electrical control system.
2011 - 2014	West Columbus Drive Bridge, Tampa, FL - Hillsborough County Government Electrical Construction Engineer responsible for construction engineering inspection of the electrical rehabilitation made to this bob-tail swing bridge. A partial electrical system replacement was performed and new solid-state drives, motor controls, control panels, electric service, generator, submarine cables and termination cabinets, traffic gates, barrier gates, and locks. CE&I work included documenting work performed by contractor and verifying compliance of materials and installation. Attended construction progress meetings and updated client on a weekly basis of the progress of work. Witnessed and documented testing of submarine cables, electrical service conductors and motor feeders.
2018 - 2020	Engineering Services for Movable Span Bridges, Volusia County, FL - Volusia County Project Engineer and Construction Engineer responsible for the construction inspection of the electrical rehabilitation for the Knox and Main Street bridges. Responsibilities included witnessing shop inspection and testing of new bridge control system and witness change out of the existing control system with the new control system. Witnessed and oversaw functional checkout and safety interlock testing. Performed electrical CE&I inspection and participated in shop drawing review and construction status meetings and witnessed final acceptance.
01/22 – 04/24	Cedar Lake Bridge Inspection, Biloxi, MS - Mississippi Department of Transportation (OSARC) Electrical Engineer responsible for in-depth inspection of electrical components for the swing bridge. Performed detailed inspection of the existing span drive, warning gates, limit switches, motor control center, termination cabinets, and control console for three movable bridges. Observed bridge operations and visually evaluated cables. Performed testing of electrical service, motors, motor brakes, and span locks. Reviewed previous bridge inspection reports and prepared checklist for field evaluation of corrected and uncorrected deficiencies. Tasks included submitting a detailed report to the client that documented deficiencies, and recommendations.
2007 - 2015	State Government Bridge Inspections, Districtwide, FL - FDOT Electrical Engineer responsible for routine inspections of a state and locally owned movable bridges. Tasks involved inspection and evaluation of the electrical elements and reporting in FDOT PONTIS system. Tasks included inspection and evaluation of corrosive effects and damage to electrical system and recommendations to mitigate or impede the deterioration of metallic components.
2009 - 2011	State Government Bridge Inspections, Districtwide, FL - FDOT Electrical Inspector and Designer responsible for routine inspections of a state and locally owned movable bridges. Tasks involved inspection and evaluation of the electrical elements and reporting in FDOT PONTIS system. Tasks included inspection and evaluation of corrosive effects and damage to electrical system and recommendations to mitigate or impede the deterioration of metallic components.
01/13 – 12/14	Columbus Road Vertical Lift Bridge, Cleveland, OH - Cuyahoga County Department of Public Works Electrical Inspector responsible for inspection of installation of the new electrical service, backup generator, motor control center, span drive motors and variable speed drive, traffic and barrier gates, and control panels. Additional responsibilities included the in-depth inspections of the bridge electrical system to ensure compliance with the National Electrical Code (NEC) 2014, American Association of State Highway and Transportation Officials (AASHTO) 2nd Edition 2007, and 2013 International Electrical Testing Association (NETA) Standards. Additional duties included the on-site inspection during the float-in and installation of a new movable span onto the rehabilitated counterweight towers. Witnessed the functional checkout testing of electrical control and drive systems. Additional responsibilities included engineering support and recommendations to Cuyahoga County Department of Public Works throughout the project.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Kenneth Pecquet, PE	Years of relevant experience with this employer
	Title	Electrical Engineer	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization	B.S. / 2012 / Electrical Engineer	
Active registration number / state / expiration date			Professional Engineer: 47471 / LA / 09/30/2027
Year registered	2023	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities			Electrical Construction Engineer - Meets MPR 6
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Electrical Construction Engineer responsible for the electrical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
08/22 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Electrical Construction Engineer delivering construction engineering and inspection services for a new vertical lift bridge and operator’s house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; and construction close-out.		
11/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Metairie, LA - Greater New Orleans Expressway Commission Electrical Construction Engineer responsible for providing construction engineering and inspection services required during the Safety Bay improvement project. Mr. Pecquet’s responsibilities included conducting construction engineering and inspection services required during the safety bay improvement project for inspection of all safety bays power, lighting, communication, CCTV, and traffic signal systems. Responsibilities included field inspections, documentation, preparation of daily reports, participation in construction progress meetings, and construction closeout.		
12/24 - Present	IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA – LADOTD Electrical Engineer developing plan sheets, creating electrical general plan in accordance with LADOTD policies and standards, adding new operable pedestrian gates for pedestrian walkway on the fixed spans beyond both ends of the lift span. Currently conducting construction services for the project.		
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Electrical Engineer responsible for the development of the electrical components of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).		
12/19 – Present	Bayou Teche Movable Bridge at Oaklawn, Franklin, LA - LADOTD Electrical Engineer providing the electrical design for the movable bridge as well as the bridge parking and walkway lighting. The lighting design includes photometric analysis in accordance with IES standards, selection of luminaires and electrical equipment, and complete change order plan sheets detailing the placement of lights, connections to the existing electrical system, and item lists. H&H performed a field survey and review of bridge		

	plans to complete an arc flash hazard analysis of the bridge electrical system using industry standard analysis software. Currently conducting construction services for this project.
04/19 – 07/20	Jupiter Federal Bascule Bridge Replacement, Jupiter, FL – FDOT Movable Bridge Electrical Engineer Intern contributing to the design of this bascule bridge replacement project. The SWAT process of overlapping the design phase with the PD&E phase requires that the preliminary design phase includes coordination and support of the NEPA process in developing the Type 2 Categorical Exclusion documentation. H&H will serve as Engineer of Record for the project which addresses the structural and functional deficiencies of the existing US-1 / SR-5 Jupiter Federal Bridge from CR-A1A (Ocean Boulevard) to Beach Road. Work includes the development of vertical and horizontal alignment for bridge replacement alternatives and the study of the resulting impacts. The design incorporates intersection improvements and improves traffic functions at both ends of the approximately 2,960-foot long (0.56 mile) project corridor into the bridge replacement design. The project will include ADA access ramps to the 8-foot sidewalks and a new 7-foot buffered bike lane for additional safety.
01/20 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal Rehabilitation, New Orleans, LA – Port of New Orleans Movable Bridge Electrical Engineer for bridge assessment, rehabilitative engineering design, and construction inspection services required for the partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge's electrical system. H&H's 2019 assessment of the circa-1920, eligible for the National Register of Historic Places bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure.
12/19 – 08/24	Bayou Teche Swing Bridge at Oaklawn (H.002798.6), St. Mary Parish, LA - LADOTD Movable Bridge Electrical Engineer Intern responsible for providing post-design electrical design calculations and plan revisions for the bridge power distribution and relay-based control system for this movable bridge. Built in 1941, the original historically significant bridge was replaced with a new hydraulically operated swing bridge. H&H provided the electrical design for the bridge in line with LADOTD's design requirements and standard design details and coordinated closely with the other design disciplines to ensure success. All design deliverables adhered to the schedule. Due to permitting issues, design was placed on hold for several years extending the schedule.
08/19 - Present	Lapalco Boulevard Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW Electrical Engineer contributing to the pre-design electrical inspection and resulting Bridge Design Report (BDR) for the rehabilitation and widening of the existing four-lane Lapalco Boulevard project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lanes as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal to be constructed as an independent structure immediately adjacent and north of the existing bridge with a new operator house. Improvements to bridge and roadway approaches and development of a Traffic Control Plan were also included. Project is being designed to LADOTD standards and specifications.
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Electrical Engineer for Calcasieu River Vertical Lift Bridge at West Fork. The electrical system routine inspection included inspecting accessible components of the main bridge power distribution, bridge grounding system, motor controls, control systems (panel and consoles), electrical systems for the traffic control lighting system, traffic gate assemblies, traffic resistance barriers, span lock motors, span drive braking system, span drive motors, limit switches and related conduit and wiring.
10/19 – 12/20	SR 609 Movable Bascule Bridge over Old Fort Bayou Rehabilitation, Ocean Springs, MS - MDOT Movable Bridge Electrical Engineer Intern contributing to the electrical design services for the full rehabilitation of SR 609 bascule bridge, as a task-order to the IDIQ Master Bridge Contract which includes developing standard and special bridge services, statewide for MDOT. Scope of work included inspection and rehabilitation of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches and development of maintenance and repair plans.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Travis Kimmins, PE	Years of relevant experience with this employer
	Title	Senior Mechanical Engineer	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization	M.S. / 2003 / Mechanical Engineering B.S. / 2001 / Mechanical Engineering	
Active registration number / state / expiration date			Professional Engineer: 43676 / LA / 03/31/2026
Year registered	2019	Discipline	Mechanical Engineering
Contract role(s) / brief description of responsibilities			Mechanical Construction Engineer – Meets MPR 7
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Senior Mechanical Construction Engineer responsible for mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
08/21 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Senior Mechanical Construction Engineer providing mechanical engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator's house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Kimmins is providing mechanical engineering inspection services.		
10/18 – 07/21	East Michigan Street Lift Bridge over Milwaukee River, Milwaukee, WI – City of Milwaukee Senior Mechanical Construction Engineer managing the mechanical construction for the replacement of the East Michigan Street Bridge, a 178-foot-long vertical lift bridge. Mechanical work also included providing construction support services. The control system was designed to enable the bridge to operate locally or from a remote location. He was also responsible for the design of the hydraulic system. Provided construction inspection support services, including shop drawing reviews, responses to RFIs, field support to address construction issues, and functional testing support. Also, troubleshoot issues with the hydraulic system / control system to address skew issues.		
10/18 – 07/20	Jupiter Federal Bridge Replacement, Jupiter, FL – FDOT Senior Movable Bridge Mechanical Construction Engineer responsible for mechanical systems design for this bascule bridge replacement project. H&H serves as Engineer of Record for the project, which addresses structural and functional deficiencies of the existing US 1/SR-5 Jupiter Federal Bridge from CR-A1A to Beach Road. Scope includes the development of vertical and horizontal alignment for bridge replacement alternatives and study of the resulting impacts. The design incorporates intersection improvements and improves traffic functions at both ends of the approximately 2,960-foot-long project corridor into the bridge replacement design. Providing construction inspection support services and quality reviews on all shop drawing reviews and RFI responses.		
11/20 – 03/23	SR 609 Bascule Bridge Rehabilitation, Ocean Springs, MS - MDOT Lead Mechanical Engineer responsible for conducting plans review of mechanical rehabilitation plans involving a full mechanical rehabilitation of the operating machinery as well as the HVAC and plumbing systems for the control house. Also provided construction support services as part of the full rehabilitation of the SR 609 bascule bridge. Issued as a task-order to the IDIQ Master Bridge Contract, the scope of this task order included developing standard and special bridge services, statewide for MDOT. Scope of work included inspection and rehabilitation of structural, mechanical, and electrical		

	components of the bridge, as well as the roadway approaches and development of maintenance and repair plans. All designs were in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. H&H performed construction phase services for the project.
03/19 – 12/23	SR-605 Movable Bascule Bridge over Industrial Waterway, Harrison County, MS - MDOT Senior Mechanical Engineer led the design of the mechanical rehabilitation and managed mechanical construction services during construction of these twin double-leaf rolling bascules. The full rehabilitation of SR-605 bascule bridge, issued as a task-order to the IDIQ Master Bridge Contract, included engineering assessment, mechanical, electrical, and structural design in addition to the preparation of Traffic Control Plans. All designs were completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. H&H performed construction phase services for the project.
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Senior Bridge Mechanical Engineer performing mechanical inspection of movable structures such as steel vertical lift bridges and plate girder bascule bridges statewide under separate task orders. Inspection of a vertical lift bridge in Calcasieu Parish (West Fork) has been completed.
11/23 – 03/24	NASA Stennis Mechanical Bridge Inspection, Stennis Space Center, MS - National Aeronautics and Space Administration Senior Mechanical Engineer for the In-Depth inspection of the mechanical components of the bridge in accordance with AASHTO, NASA Guide for Bridge Inspection, National Bridge Inspection Standards (NBIS), and the most current version of the AASHTO Manual for Bridge Evaluation and other applicable documents. Scope includes inspection of all gearing, shafts, shaft couplings, trunnion bearings, machinery brakes, and center lock assemblies. The inspection report met NASA, NBIS and MBE requirements.
08/12 – 04/18	Jamestown Scotland Ferry Hydraulic System Rehabilitation, Jamestown, VA – VDOT Senior Movable Bridge Mechanical Engineer responsible for the design of the hydraulic system to replace the existing hydraulic system. Provided construction services responsible including shop drawing reviews, responses to RFIs, witnessing shop testing, and field support during key construction events. During construction, there was a change in consultants for CEI services. Mr. Kimmins took on a larger role to ensure that the project was completed in accordance with the requirements from the contract documents, and on schedule. The ferry remained operational throughout construction.
05/19 - Present	Great Yarmouth Bridge (3rd River Crossing), Great Yarmouth, UK - Roughan and O'Donovan Engineers Senior Mechanical Construction Engineer responsible for designing a new hydraulic operating system. This project involves the design of The Great Yarmouth Third River Crossing Scheme will provide a third, more-southerly crossing over the River Yare, creating a new, more direct link between the western and eastern parts of Great Yarmouth, a significant East Norfolk coastal town. Specifically, it will provide a connection between the Strategic Road Network (A47) and the South Denes Business Park, Enterprise Zone, Great Yarmouth Energy Park, and the Outer Harbour, all of which are located to the east of the River Yare on the South Denes peninsula. The work includes the design, construction and initial operating and maintenance of a new single-span opening bridge with a 50 m navigable clearance, carrying a dual carriageway road across the River Yare; the design and construction of the associated approach roads and junctions; and the necessary realignment of the existing highway.
10/20 – 02/21	Broadway Bridge over the Harlem River Rehabilitation, Bronx & Manhattan, NY - New York City DOT Mechanical Construction Engineering for the rehabilitation of the Broadway Bridge over the Harlem River. Project mechanical construction inspection work includes clean and inspect all the ropes and replace select ropes; replacement of primary reducers and provide shaft for auxiliary power; replacement of all pillow block sleeve bearing bushings; replacement of motor and machinery brakes; removal of abandoned rope oiling system; replacement of upper and lower air buffers; replacement of span lock machinery; replacement of elevators; balancing the lift span; repair of centering device. Responsible for reducer testing witnessing and performed thermal photography to aid in inspection/reporting effort.
01/20 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal Rehabilitation, New Orleans, LA – Port of New Orleans Mechanical Engineer for the bridge assessment, complete rehabilitative engineering design, and construction inspection services required for the partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge. H&H's 2019 assessment of the circa-1920 National Register of Historic Places eligible bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure. H&H developed necessary design plans to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Matthew Gagliano, PE	Years of relevant experience with this employer
	Title	Senior Mechanical Engineer	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		
Active registration number / state / expiration date			Professional Engineer: 37500 / LA / 03/31/2027
Year registered	2012	Discipline	Mechanical Engineering
Contract role(s) / brief description of responsibilities			Mechanical Construction Engineer, Meets MPR 7
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Mechanical Construction Engineer assisting in the mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
10/15 – 02/18	Norwalk River (Route 136) and Yellow Mill (Route 130) Bascule Bridges, HUD Movable, Storm Hardening Design Services, Norwalk and Bridgeport, CT - CTDOT Lead Mechanical Construction Engineer responsible charge for managing construction inspection for the rehabilitation and storm hardening of two movable bridges, damaged by flooding due to Superstorm Sandy. The rehabilitation included structural, mechanical, and electrical upgrades as well as revisions to the Department’s Operation and Maintenance procedures before and after major coastal storms. This project included provisions to improve the facility’s performance during similar storms and provisions to rapidly restore the facility to functionality quickly in the event of a storm that exceeds the 100-year design storm. Mr. Gagliano was responsible for the design, preparation of contract drawings, specifications, and cost estimate for new counterweight pit dewatering systems. Design featured a three-tier pump-out system consisting of a primary diaphragm pump filtering and oil-water separator system, a high-volume sump pump backup system, and a tertiary standpipe for hookup of a trailer-mounted diesel power pump capable of flow rates over 2,000 gallons per minute.		
02/13 – 03/18	Tom Adams Bridge Rehabilitation, Charlotte County, FL - Charlotte County Lead Mechanical Construction Engineer responsible for managing this rehabilitation project for a double-leaf bascule span carrying four lanes of traffic. The project featured a new multi-level control house with unobstructed 360-degree views. Mr. Gagliano was responsible for the design and construction oversight of new operating machinery for double-leaf trunnion bascule span meeting AASHTO standards. New operating machinery replaced existing Hopkins machinery within its original envelope and is a compact installation operated by 20 hp motors and gear reduction transmission. Design of HVAC and plumbing using Florida Building Code for new control house featuring a 4-ton air conditioner system and a wastewater pump with force main extension.		
11/18 – 08/23	Rehabilitation of Route 1 Bridge over Housatonic River, Milford, CT - CTDOT Project Engineer for the inspection of the operating machinery and electrical repairs of the double leaf movable span. Repairs include refurbishing gear reducers, adding collars to the machinery shafts and new dewatering pumps for the counterweight pit. Reviewed contractor submittals, attended progress meetings, performed key construction milestone site inspections.		
05/23 – 04/26	Rehabilitation of Mystic River Bridge over Mystic River, Mystic, CT - CTDOT Project Engineer for rehabilitation study report to investigate repairs to the bridge structure, operating machinery, electrical system, and control house of the historical heel trunnion type bascule span. Repairs included refurbishing gear reducers and reconditioning trunnion bearings.		

01/19 - Present	Connecticut River, Old Saybrook, CT - Amtrak Mechanical Engineer of Record for design of new operating machinery featuring a 60-inch diameter fixed trunnion for the Northeast corridor railroad new bridge's 200 feet bascule span. Bridge designed to carrier twin high speed rails. Responsible for design of the span locks, tail locks, HVAC and plumbing for the new control house.
12/16 – 11/18	Spuyten Duyvil Swing Bridge Rehabilitation, New York, NY - Amtrak Mechanical Engineer for final design on rehabilitation of this railroad bridge's movable span between Manhattan and the Bronx. He was responsible for design computations, modeling, and production of contract drawings for innovative replacement of swing bridge rim bearing with 4 bogie assemblies. Reviewed shop drawings, performed construction inspection, and attended construction progress meetings. The bridge's mechanical and electrical systems were damaged in 2012 by Super Storm Sandy. The project included rehabilitation of the center bearing, end machinery systems, electrical systems, and masonry at the piers. Responsible for mechanical design.
02/12 – 01/15	Metro-North Railroad Movable Bridge Inspection New Haven Line, New Haven, CT - Connecticut DOT Rail Lead Mechanical Engineer responsible for mechanical & electrical inspections of 5 movable bridges on the Metro North Railroad New Haven line as a sub-consultant. Routine and/or verification inspection of the Walk Bridge over the Norwalk River, Devon Bridge over the Housatonic River, Saugatuck Bridge, Cos Cob Bridge over the Mianus River in Greenwich, and Peck Bridge in Bridgeport. Movable spans are either a swing span or twin single-leaf bascules carrying four tracks. Inspections and subsequent reports were conducted and prepared according to the Connecticut Department of Transportation Office of Rail Railroad Bridge Inspection Manual. Inspected and evaluated movable span according to AREMA standards.
02/07 – 03/08	17th Avenue Bridge over Miami River, Miami, FL - Miami-Dade County Public Works Department Lead Mechanical Construction Engineer for design for the replacement of the mechanical and electrical systems on this 1928 double-leaf bascule bridge. This design-build project (teamed with PCL Construction Inc.) rehabilitated the 3 girder, 148 feet double-leaf bascule span. The project included the detailed inspection of the mechanical and electrical systems, the preparation of a Design Report, detailed design of the replacement of the existing mechanical drive gear system and electrical system with a new hydraulic motor system and electrical systems. Responsible for the design of machinery, preparation of contract drawing, review and signing and sealing shop drawings, and construction support.
01/12 – 06/14	General Edwards Bridge, Task No. 2 Construction Phase Services, Boston, MA - MASSDOT Mechanical Engineer involved in the design of mechanical repairs. The project consisted of the replacement of an inoperable primary bridge control system and upgrades to the prime movers, motor, and machinery brakes, related mechanical operating components, and stabilize the granite veneer of the 4-basculer bridge towers. The scope also included retrofitting the pin and hanger systems with a redundant support system in the event of a failure and preparing a Preliminary Structures Report in anticipation of complete rehabilitation of the historic structure. The General Edwards Bridge consists of 13 steel multi-deck girder spans including a 106 feet main twin double-leaf bascule span. Several spans are suspended from fracture critical pin and hanger systems to accommodate thermal expansion and contraction.
01/24 – 08/24	I-275 Tolls (38th Avenue North to 4th Street North) Design, Pinellas County, FL - FDOT Mechanical Engineer of Record responsible for design plans, calculations, and specifications for the toll facilities' mechanical systems. This project includes the construction of express lanes along I-275 from north of 38th Avenue North to north of 4th Street North for a total distance of approximately 7.5 miles. H&H is developing toll facility plans, modified special provisions, technical special provisions, reports, and design calculations per the latest General Tolling Requirements (GTR).
08/19 – 05/25	East Haddam Swing Bridge, East Haddam, CT - CTDOT Lead Mechanical Engineer responsible charge for machinery rehabilitation and construction support. This historical bridge features a swing span of 456 feet long through truss supported on a pivot bearing and built in 1913. Operating machinery was sized for increased resistance due to addition of a pedestrian sidewalk on the swing span. Machinery rehabilitation includes new span drive machinery featuring an open bevel gear set with an axially adjustable bevel gear, and new rack and pinions. New larger discs and modified oil box design for the pivot bearings. Balance wheels, center, and edge wedge machinery assemblies refurbishing requirements specified. Specified and detailed refurbishing requirements for barrier gates including new hydraulic cylinder assemblies and repairs to its hydraulic power unit. Lead technical expert in construction meetings.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	Linh Kim, PE	Years of relevant experience with this employer	6
	Title	Civil Engineer	Years of relevant experience with other employer(s)	2
	Degree(s) / Years / Specialization		B.S. / 2017 / Civil Engineering	
	Active registration number / state / expiration date		Professional Engineer: 47527 / LA / 9/30/2027 Certifications: ATSSA Traffic Control Supervisor and Flagger (renewing April 2026)	
Year registered	2023	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Construction Engineer	
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).			
07/20 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOEC Field Engineer Intern provided construction engineering and inspection services required for the fast-paced \$60M Safety Bay Improvement which was constructed according to LADOTD standards and specifications. The project used the CMAR method. Improvements added emergency stopping areas on both causeway bridges and provided six new shoulders in each direction. Responsibilities included final inspections, and construction close-out, etc.			
08/20 – Present	H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourge, LA - LADOTD Construction Engineer delivering construction engineering and inspection services for a new vertical lift bridge and operator’s house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; and construction close-out, etc.			
02/21 – Present	Lapalco Blvd Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW/LADOTD Structural Engineer for the pre-design inspection, rehabilitation, and widening of the existing four-lane Lapalco Blvd to provide a facility carrying three lanes of traffic in each direction, as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal. The scope of services also includes the design of a new bridge to be constructed as an independent structure adjacent and north of the existing bridge with a new operator house. All design work is in accordance with LADOTD Standards and Specifications and being reviewed by LADOTD. Load rating was performed using AASHTOWare BrDR load rating software.			
09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Construction Engineer for design and construction quality control/quality assurance for this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder’s Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction conform to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.			
07/23 – Present	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Structural Inspector performing inspection of complex structures such as cantilever trusses, cable-stayed bridges, steel vertical lift bridges, and plate girder bascule bridges statewide under separate task orders. Inspection of two steel truss bridges (Jimmie Davis and Miller’s Bluff) and a vertical lift bridge (West Fork) have been completed to date.			

04/22 – 06/25	SR826 Palmetto Design-Build Design and Post, Miami-Dade County, FL - FDOT Structural Engineer for this bridge located in downtown Miami urban area. The bridge design requirement was to keep existing bridge and roadways open to traffic while widening construction was being performed. H&H performed design calculations for concrete superstructure and steel substructure elements for bridge widening and created details and plan sheets for superstructure and substructure elements for bridge widening.
06/21 – 06/23	Seabrook Bridge – Main Trunnion Bolts (CE&I), New Orleans, LA - Port of New Orleans Structural Inspector for this single leaf Strauss Heel Trunnion bascule bridge. During the 2021 annual inspection it was revealed that the main trunnion housing bolts needed to be replaced. Mr. Kim observed construction inspection and supervision of repair as well as calculations of wind load and bolt capacity.
09/20 – Present	Various Repairs of the Almonaster Ave Railroad Bascule Bridge, New Orleans, LA – Port of New Orleans Structural Engineer assisting with a variety of repairs on this steel Strauss Trunnion Bascule Bridge. Major work included replacement of components of the railroad floor system stringers and floor beams that rated lower than E-60 and replacement of deteriorated lateral connection plates. The cracked concrete on the rest pier in the area of the bearings was removed and replaced with higher strength concrete. The replacement and tightening of loose or missing fasteners throughout the entire structure was also included in the repair scope. The scope included bridge design and repair plans, contract specifications, construction inspection, and construction support services.
03/24 – Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Structural Engineer responsible for the development of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).
12/24 - Present	LA 56 Boudreaux Canal MB Replacement; H.002244.5, Terrebonne Parish, LA - LADOTD Structural Engineer providing structural design services for the operator house foundation, generator platform, and fender system. H&H is also designing a hydraulic system, including a hydraulic power unit, center wedge assemblies, and end roller assemblies including the roller ramps. The hydraulic system will incorporate redundant variable displacement vane pumps, be designed to accommodate 4,500 openings per year, and be relocated to a novel placement for swing bridges of this configuration to prioritize access for maintenance personnel.
01/19 - 04/19	H.009498.5: LA 121: Calcasieu River Bridge, Lake Charles, LA - LADOTD Civil Engineer Intern designed and detailed an LG-36 (I-Beam) Concrete Prestressed Girder Bridge using continuous deck spans on a horizontal curve with a 5% slope. The continuous deck spans were 240-ft.-long using four 60-ft.-long deck spans with a bridge width of 42.5 ft. The superstructure and girders were designed using Bentley's Conspan software and DOTD's Bridge Design Evaluation Manual. The substructure consists of pile bents that were designed using STAAD Modeling software and Excel.
06/22 – 08/23	SR 609 Movable Bascule Bridge Inspection and Load Rating, Ocean Springs, MS - MDOT Structural Engineer for the inspection of SR 609 Bridge. The scope of work included the in-depth, NSTM, routine, and element level inspection of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches. Load rating was performed using AASHTOWare BrDR load rating software.
09/19 – 11/19	H.009482.5: LA 113: Jim Burney Branch Bridge - LADOTD Civil Engineer Intern contributed to the preparation of 60% final plans review and submittal. Linh completed revisions for initial design due to comments from the district and Project Engineer reviewer. He completed bridge load rating using AASHTOWare Bridge Rating software and STAAD Analysis.
09/19 – 11/19	H.002176.5: LA 10 Bridges (Burton's Lake, Bayou HaHa, Bayou TawPaw) - LADOTD Civil Engineer Intern created General Plans set for three different bridges after receiving information from Road Design and Hydraulics. Linh contributed to the preparation of 60% Preliminary Plans Set to be sent out Hydraulics, Property Survey, and Subgrade Soil Survey sections.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	Lance Resendez, PE	Years of relevant experience with this employer	4
	Title	Construction Engineer	Years of relevant experience with other employer(s)	1
	Degree(s) / Years / Specialization		B.S. / 2021 / Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 50916 / LA / 03/31/2028 Certifications: ATSSA Traffic Control Technician / Supervisor		
Year registered	2025	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Construction Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Construction Field Engineer responsible for providing construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
07/22 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Construction Field Engineer providing contract administration and construction engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Resendez is providing construction contract administration and construction engineering inspection services typically performed by the DOTO Project Engineer and their staff.			
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Construction Field Engineer responsible for managing the roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. Responsible for preparing all documentation and ensuring that contract requirements are met. Responsible for submitting all RFI, RFCO, and change orders. H&H provides contract administration and performs construction engineering inspection services.			
12/22 – 12/25	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish, LA - LADOTD Field Engineer Intern for construction of this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder’s Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction contract specifications.			
12/22 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Engineer Intern for the bridge assessment, complete rehabilitative engineering design, and road design services required for the partial replacement of the Almonaster Avenue Bridge and a new connector road. The road design services include a new alignment for the connecting road including all drainage structures. H&H also developed a hydraulic study and a site plan that includes several retention ponds for drainage improvements. All design work is according to LADOTD Standard and Specifications and reviewed by LADOTD.			

07/22 – 10/23	IDIQ for ADA Design Projects Statewide, LA 1091 US190 Country Club Blvd. Sidewalks , Slidell, LA - LADOTD Engineer Intern responsible for developing plans and specifications for improvement to the current sidewalk features of Robert Blvd. in Slidell Louisiana. Plans were designed and revised in house in preparation of the overhaul of sidewalks and adding of ADA compliant handicap ramps and landing areas along the roadway to bring the sidewalks up to current LADOTD standards.
10/22 – 12/24	SR-609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS - MDOT Field Engineer Intern for construction services for the full rehabilitation of the bascule bridge which included developing standard and special bridge services statewide for MDOT. The scope included inspection and rehabilitation of structural, mechanical, and electrical bridge components, roadway approaches, and development of maintenance and repair plans. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. Load rating was performed using AASHTOWare BrDR load rating software.
10/21 – 01/22	Lafitte Greenway Project (CE&I), New Orleans, LA - Sewerage and Water Board of New Orleans Field Engineer Intern contributed construction inspection for the destruction and rebuilding of a pedestrian bridge on the Lafitte Greenway walking path. The project consisted of complete destruction and replacement of bridge and reconstruction of roadway on south side of Conti Street as well as the addition of adding replacement drains in the area. All design work is in accordance with LADOTD Standards and Specifications and reviewed by LADOTD.
04/22 – 07/22	Lakeview North Group C (RR085) (CE&I), New Orleans, LA - Sewerage and Water Board of New Orleans Field Engineer Intern contributed to the project as a construction inspector. The project consisted of street paving, sidewalks, accessible ramps, driveways, drainage structures, drainage point repairs, and water line replacement within a 38-block range (Robert E Lee to Filmore and West End to Orleans).
01/22 – 04/22	Octavia Street Project (CE&I), New Orleans, LA – Department of Public Works New Orleans Field Engineer Intern contributed as a construction inspector for the project consisting of the reconstruction of all utilities, the roadway, driveways, and sidewalks for the blocks of Octavia St. from 2300 block to 2900 block. The project is a total footage of about 2400 feet. The project had many characteristics to it from air spading for trees to Type C Adjustments for the catch basins. Mr. Resendez oversaw multiple crews daily.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	Dalton Hunt, EI	Years of relevant experience with this employer	4
	Title	Civil Engineer Intern	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		B.S. / 2017 / Civil Engineering	
	Active registration number / state / expiration date		Engineer in Training: 35118 / LA / 9/30/2026 Certifications: ATSSA Traffic Control Supervisor and Flagger (renewing April 2026)	
Year registered	2022	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Engineer Intern	
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).			
03/22 – 10/23	H.014363.5 IDIQ Contract for ADA Design Projects Statewide, Slidell, LA - LADOTD Engineer Intern responsible for the evaluation and consideration of current sidewalk features of Robert Blvd. in Slidell, LA. Plans were designed and revised in-house in preparation of the overhaul of sidewalks and adding of ADA compliant handicap ramps and landing areas along the roadway to bring the sidewalks up to current LADOTD standards.			
02/22 – Present	Lapalco Blvd Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW/LADOTD Engineer Intern for the pre-design inspection, rehabilitation, and widening of the existing four-lane Lapalco Blvd to provide a facility carrying three lanes of traffic in each direction, as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal in an urban area. The scope includes the design of a new bridge to be constructed as an independent structure immediately adjacent and north of the existing bridge with a new operator house. All design work is in accordance with LADOTD Standards and Specifications. Load rating was performed using AASHTOWare BrDR load rating software.			
04/22 – Present	H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourge, LA - LADOTD Field Engineer Intern delivering construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; construction close-out, etc.			
01/22 – Present	H.014530: Almonaster Ave Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans/LADOTD Engineer Intern for the bridge assessment, complete rehabilitative engineering design, and road design services required for the partial replacement of the bridge and a new connector road. The road design services include a new alignment for the connecting road, including all drainage structures. H&H developed a hydraulic study and site plan that includes several retention ponds for drainage improvements. All design work is according to LADOTD Standards and Specifications and reviewed by LADOTD. Project includes a variety of repairs on this steel Strauss Trunnion Bascule Bridge. Major work included replacement of components of the railroad floor system stringers and floor beams that rated lower than E-60 and replacement of deteriorated lateral connection plates. The cracked concrete on the rest pier in the area of the bearings was removed and replaced with higher strength concrete. The replacement and tightening of loose or missing fasteners throughout the entire structure was also included in the repair scope. Scope included bridge design and repair plans, contract specifications, construction inspection, and construction support services.			
06/17 – 08/24	H.002798.6 Bayou Teche Movable Bridge at Oaklawn, St. Mary Parish, LA - LADOTD Engineer Intern assisting in the design, calculations, and plan preparation of the bridge power distribution and relay-based control system for this movable bridge located in St. Mary Parish, LA. The new through girder swing-span rotates with hydraulically actuated slewing (push-pull) cylinders.			

09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Field Engineer Intern for design and construction quality control/quality assurance for this road and bridge design-build project which is located at the I-10 West exit to College Dr, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Scope includes the development and implementation of Comprehensive Quality Plan to ensure the design and construction conform to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, and independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.
07/23 – Present	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA – LADOTD Structural Inspector performing inspection of complex structures such as cantilever trusses, cable-stayed bridges, steel vertical lift bridges, and plate girder bascule bridges statewide under separate task orders. Inspection of two steel truss bridges (Jimmie Davis and Miller's Bluff) and a vertical lift bridge (West Fork) have been completed to date.
04/22 – 12/22	SR 605 Bascule Bridge over Industrial Waterway, Harrison County, MS – MDOT Engineer Intern for the comprehensive rehabilitation of this bascule bridge over the Industrial Waterway. The work also included design and detailing of a new PPC pile-supported reinforced concrete generator platform. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. Load rating was performed using AASHTOWare BrDR load rating software.
06/22 – 08/23	SR 609 Movable Bascule Bridge Inspection and Load Rating, Ocean Springs, MS – MDOT Engineer Intern for inspection of SR 609 Bridge. The scope of work included the in-depth, NSTM, routine, and element level inspection of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches. Load rating was performed using AASHTOWare BrDR load rating software.
01/23 – 06/24	I-59 / I-20 Box Girder Bridges Inspection and Load Rating, Meridian, MS – MDOT Engineer Intern for the inspection of the two box girder bridges. Bridge No. 147.9A at I-59 and Bridge No. 131.5B at I-20 are located in Lauderdale County. The inspection required night work to avoid lane closures on I-20 and I-59, as well as traffic control for lane closures and use of a confined space rescue team for inspection of inside the boxes. The repair recommendations were made based on the inspection results and the load rating.
03/24 – Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Engineer Intern responsible for the development of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural.
12/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Engineer Intern responsible for providing construction contract administration and construction engineering and inspection services for: Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along the relocated LA 302 in Jefferson Parish.
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Construction Engineer Intern assisting with this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. Assists in the preparation of documentation and contract requirements are met. Assists in the preparation of submittal, RFI, RFCO, and change orders. H&H provides contract administration and performs construction engineering inspection services.

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	Name	Lauren Peytavin, El	Years of relevant experience with this employer	1
	Title	Water Resources Designer	Years of relevant experience with other employer(s)	7
	Degree(s) / Years / Specialization		MS Certificate / 2021 / Coastal Engineering BS / 2018 / Civil Engineering	
Active registration number / state / expiration date			Engineer in Training 33772 / LA / 09/30/2026	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Engineer Intern	
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).			
12/25 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Roadway Engineer Intern assisting with construction contract administration and construction engineering and inspection services for: Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along the relocated LA 302 in Jefferson Parish.			
12/25 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Roadway Engineer Intern assisting with this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. Assists in the preparation of documentation and contract requirements are met. Assists in the preparation of submittal, RFI, RFCO, and change orders. H&H provides contract administration and performs construction engineering inspection services.			
06/25 – Present	H.004396 Lapalco Blvd. Movable Bridge over Harvey Canal, Jefferson Parish, LA - Jefferson Parish DPW/LADOTD Water Resources Designer for the design of a new three-lane double bascule movable bridge crossing of Harvey Canal and the widening of the existing four-lane Lapalco Blvd. to provide a facility carrying three lanes of traffic in each direction. The new bridge will be constructed as an independent structure adjacent to and north of the existing bridge with a new operator house. The project includes rehabilitation of the existing four-lane bridge with three lanes of traffic and a new pedestrian and bicycle lane, improvements to bridge and roadway approaches, and development of a Traffic Control Plan. John is performing quality control on the roadway elements of this project. All design work is in accordance with LADOTD Standards and Specifications and reviewed by LADOTD.			
07/25 – Present	SR 33 Bridge Replacements, Franklin County, MS – Mississippi DOT Hydraulics Designer for the Phase A Final Right-of-Way Plans for roadway design and roadway hydraulic design for four bridge replacements along SR 33 (Bridge Nos. 31.9, 34.6, 34.9, and 35.3). The project scope includes roadway realignment, roadway hydraulic design, preliminary right-of-way design, and final right-of-way design. H&H is providing the realignment of the roadway to run parallel to the existing and redesigning of one intersection at the end of the project. A hydraulic study and report are to be completed to resize the existing pipes, if necessary, and to verify sizing for a reinforced box culvert. A set of preliminary right-of-way plans are to be created following Mississippi Department of Transportation’s (MDOT) guidelines and using the approved alignment from MDOT. Final right-of-way plans will be delivered after hydraulic design and roadway design have been finalized and a plan set has been created.			
06/20 - 01/24	RR082 Lakeshore Group E - Roadway Rehabilitation and Repair, New Orleans, LA - New Orleans Department of Public Works Assistant Project Engineer assisted in the design of the full reconstruction of two blocks of Ring St. in the Lakeshore Neighborhood. Design objectives included removal and replacement of the existing roadway surface, redesign of the roadway profile, and non-paving incidental repairs.			

	Lauren was responsible for cost and materials estimates and preparation of final design plans utilizing AutoCAD Civil3D.
05/22 - 01/24	Almonaster Bridge Environmental Assessment, New Orleans, LA - Port of New Orleans Project Designer responsible for the assessment of the Almonaster Ave. Bridge Rehabilitation and New Connector Road project. The Almonaster Ave Bridge crosses over the Industrial Canal and provides two vehicular lanes and a single railroad track crossing down the center of the span. Lauren prepared Environmental Assessment/Environmental Impact documentation for the project that meets the criteria for LADOTD, LA DEQ, FHWA, NEPA and all federal and state compliance standards. Lauren was responsible for the analysis and estimation of project impact across a comprehensive panel of criteria, including recommendations of design alternatives as needed. She drew on her experience with roadway construction, wetland, and waterway permits to assist in permit acquisition for the Port of New Orleans for this project.
06/25 – Present	Clay Street Bridge over Passaic River, Newark, NJ - Hudson County New Jersey Water Resources Designer for the Preliminary Drainage Design and Report for the replacement of the Clay Street swing bridge in New Jersey. The project scope includes Hydraulics and Hydrology Report production, including assessment of existing and proposed conditions in compliance with New Jersey Administration Code and New Jersey Department of Transportation engineering standards. Ms. Peytavin created models for Hydrologic assessment and Hydraulic assessment of existing and proposed project affects under prerequisite storm events, quantifying the project in accordance with New Jersey and the Department of Environmental Quality. These regulatory model results were then recorded in a formal report to be submitted in project preliminary planning.
05/23 – 01/24	Clayton's Pond Drainage Analysis and Design, Norco, LA - St. Charles Parish Dept of Public Works Hydraulics Modeler responsible for review and hydraulic analyses of the hydraulic design models provided by St. Charles Parish in anticipation of survey completion. Lauren evaluated the input elements of the models per expectations of the project area, such as soil quality, storm runoff, design storms, and model scenario output of the existing drainage system in anticipation of updating these models to illustrate Gaea's design recommendations. Lauren coordinated project needs with the St. Charles Parish Department of Public Works, attended conceptual meetings, and facilitated clarification of survey scope on behalf of the subcontractor.
06/18 - 01/24	RR031 Dillard A Roadway Rehabilitation and Repair, New Orleans, LA New Orleans Department of Public Works Project Designer for the engineering and design of 186 blocks of roadway reconstruction, including full road rehabilitation and replacement, utility design, and incidental road repair. Lauren utilized existing survey data to establish new road profiles, performed drainage calculations with HYDRWIN hydraulic computer software developed by LADOTD, designed upgrades and improvement to the stormwater drainage and incidental road repair, and designed new utilities, including water, sewage, and drainage. Project deliverables included typical sections, summary of quantities, plan and profile sheets, construction cost estimates, and cross-section profiles.
11/17 - 01/24	RR011 Broadmoor Group C, New Orleans, LA - City of New Orleans Project Designer for this FEMA-funded roadway enhancement and reconstruction project located in the Broadmoor Neighborhood of New Orleans. Lauren assisted in the design of two full block removals and replacements, including surface asphalt, upgrade of utilities including water and storm drainage, implementation of ADA-compliant ramps, and point repairs of the sidewalk and driveways. She utilized drainage calculations, performed with the use of the HYDRWIN for the drainage system design and upgrade. Tasks for this project include site visits, design meetings, design deliverables, and resolution of review comments.
05/18 - 11/21	Hagan-Lafitte Drainage Design and Green Infrastructure, New Orleans, LA - City of New Orleans Hydraulics Modeler for engineering design and PCSWMM modeling for this large FEMA-funded project to improve drainage and reduce flooding in the Hagan-Lafitte Neighborhood. With the use of the PCSWMM model, Lauren identified areas most vulnerable to flooding within the neighborhood to strategically design and place green and grey infrastructure facilities for the greatest possible flood reduction. She assisted with production of project drawings and flood maps, as well as project inspection while work was under construction.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	James Burkes	Years of relevant experience with this employer
	Title	Construction Inspector	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		A.S. / 2007 / Drafting Design
Active registration number / state / expiration date		Certifications: ATSSA Traffic Certified, Louisiana Nuclear Radiation Safety Certified, Certified Linear Surveyor, Certified Asphalt Inspector, Certified Concrete (PCC) Inspector, Hazardous Materials Safety Certified, ORM Blood-borne Pathogens, Plan Reading Certified	
Year registered		Discipline	N/A
Contract role(s) / brief description of responsibilities		DOTD Inspector - Certified	
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).		
04/23 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD LADOTD Certified Inspector providing construction inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Burkes is providing inspection services.		
04/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD LADOTD Certified Inspector responsible for providing construction inspection services for the Bayou Barataria Movable Bridge Replacement project. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
06/23 – 12/25	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Inspector for the construction of this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builders Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Burkes provides inspection services.		
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD LADOTD Certified Inspector responsible for providing construction inspection services for this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. H&H provides contract administration and performs construction engineering inspection services.		
12/12 – 03/23	Various Projects - LADOTD Engineering Technician 4 - LADOTD Mr. Burkes’ role included construction inspection for numerous projects for quality control and quality assurance. He was often used as an internal traffic expert in his unit. He managed pay items and daily diaries to maintain fiscal accountability. He also communicated with external vendors and contractors as a liaison for the state of Louisiana. He onboarded new inspectors and coordinated activities between departments such as material lab, maintenance, and onsite teams.		

10/14 – 09/16	St. Bernard Avenue Overlay with Slope Corrections, Chalmette, LA - LADOTD Lead Field Inspector responsible for daily log input into Site Manager, including pay items and quantities input. Mr. Burkes was also responsible for field quality testing, asphalt depth consistency, road width, and length. Roadway reports and coring locations also fell under his responsibilities.
12/17 – 03/18	High Rise Fire Rehab, New Orleans, LA - LADOTD Lead Field Inspector responsible for daily TTC checks and quality assurance testing in the field during the High Rise Fire Rehab project. Mr. Burkes performed inspection of contractors cleaning method to make sure the surface was properly freed of any gritty debris or dirt to ensure the epoxy resin would hold. This project was an emergency design-build to protect the integrity of the concrete bridge support piles and required an epoxy resin to seal and restrengthen piles.
07/13 – 09/14	Almonaster Bridge Rehabilitation, New Orleans, LA - Port of New Orleans Field Inspector responsible for ensuring proper placement of wood piles for the dolphin approach to lift bridge. Additionally, Mr. Burkes was responsible for the quality checks for proper removal and installation of steel walkway and handrail as well as visual inspection of updated electrical members for power from operator house to lift span.
04/15 – 09/17	Wisner Bridge Demolition and Complete Rebuild, New Orleans, LA - LADOTD Field Inspector responsible for concrete placement quality assurance testing as well as visual inspection of steel rebar installation for bridge deck.
02/13 – 10/13	Safe Routes to School, New Orleans, LA - LADOTD Lead Field Inspector providing inspection services for this project. Mr. Burkes was responsible for daily log input into Site Manager, including quantities, dimensions of concrete walks and curbs, and right of way striping for walking pedestrians.
04/18 – 10/19	Judge Perez Drive Concrete Rehabilitation, Chalmette, LA - LADOTD Lead Field Inspector during this rehabilitation project. Mr. Burkes was responsible for daily log input into Site Manager, recording removal and reinstallation of isolated concrete patches, field quality assurance testing, base testing, and visual rebar installation checks for holes.
08/13 – 10/14	Judge Seeber Bridge, New Orleans, LA - LADOTD Field Inspector during the repair work for the Judge Seeber Bridge. There was no log requirement as there was a third party. Mr. Burkes was responsible for making sure all repairs were in compliance with LADOTD Standard Specifications and providing guidance to the client with the proper procedures.
12/16 – 10/18	Yscloskey Bridge Rehabilitation, Yscloskey, LA - LADOTD Field Inspector responsible for daily log input into Site Manager, including quantities, pay items, measurement, and transporting steel samples to LADOTD Lab for testing.
12/12 – 06/13	Rigolets Pass Bridge and Approaches, New Orleans, LA - LADOTD Field Inspector responsible for assisting lead inspector with field testing and maintaining Field book for project progression during this project.
05/15 – 06/15	I-10 Girder Repair, New Orleans, LA - LADOTD Field Inspector responsible for daily logs into Site Manager and ensured the contractor stayed within the limitations of the damaged girder. Additionally, Mr. Burkes made sure the cleaning and repair was done in accordance with LADOTD Standard Specification.

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	Name	Dwayne Lewis	Years of relevant experience with this employer	2
	Title	Construction Inspector	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		Certifications: LADOTD Structural Concrete Inspector; LADOTD Asphaltic Concrete Plant Inspector; ATSSA Traffic Control Technician, Supervisor, and Flagger; NHI 132070 Drill Shaft Foundation Specialist		
Year registered		Discipline	N/A	
Contract role(s) / brief description of responsibilities		DOTD Inspector - Lead		
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).			
07/24 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD LADOTD Certified Lead Inspector delivering inspection services for a new vertical lift bridge and operator's house. Daily monitoring of all construction activities; maintaining all construction field records; performing field testing; maintaining records of contractual operations; attending construction progress meetings; construction close-out, etc.			
08/24 – 12/25	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Lead Inspector for the construction of this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Lewis provides inspection services.			
07/24 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD LADOTD Certified Lead Inspector responsible for providing construction inspection services for the Bayou Barataria Movable Bridge Replacement project. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
04/08 – 09/10	I-10 Twin Span Construction; 450-17-0025, New Orleans, LA - LADOTD LADOTD Certified Inspector responsible for daily inspection of bridge spans and structures. Performed inspections of new bridges decks starting with girder installation to steel and rebar installation, ending with overseeing concrete deck pours of 700cy plus not only testing the concrete to assure it was within specifications, but also overseeing the placement, finishing and curing as well.			
12/18 – 06/20	I-10: Interstate Widening from LA 328 to LA 347; H.010601, St. Martin Parish, LA - LADOTD LADOTD Certified Inspector responsible for all asphalt roadway inspection as well as the inspection of roundabout construction. The \$54.7 million project involved pavement replacement within the existing lanes in each direction for 2.7 miles along I-10 from LA 347 to the base of the Atchafalaya Basin Bridge. An additional lane was added in the westbound direction. The project also added roundabouts at the Henderson interchange.			
06/20 – 02/24	Loyola Drive 10 Interchange Improvements; H011670, Kenner, LA - LADOTD LADOTD Certified Inspector responsible for construction inspection (OV) of the flyover bridges from I-10 to Loyola including Footings, Columns, Girders, Bridge Decks, Barrier Rail, Approaches, Median Barrier, & Pier protection.			
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD LADOTD Certified Inspector responsible for providing construction inspection services for this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. H&H provides contract administration and performs construction engineering inspection services.			

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Christopher Aubert, EI	Years of relevant experience with this employer
	Title	Electrical Engineer Intern	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		B.S. / 2022 / Electrical Engineering
Active registration number / state / expiration date		Engineer in Training: 35397 / LA / 09/30/2027	
Year registered	2023	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Electrical Field Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Electrical Field Intern assisting in the construction contract administration and electrical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
08/22 - Present	H.001498.6 LA 24 and LA 16 Company Canal Vertical Lift Bridge Replacement (CE&I), Bourge, LA - LADOTD Electrical Field Intern providing electrical engineering inspection during the construction of a newly designed 100-ft-long vertical lift bridge and operator's house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 ft of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs.		
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Electrical Inspector for Calcasieu River Vertical Lift Bridge at West Fork. The electrical system routine inspection included inspecting accessible components of the main bridge power distribution, bridge grounding system, motor controls, control systems (panel and consoles), electrical systems for the traffic control lighting system, traffic gate assemblies, traffic resistance barriers, span lock motors, span drive braking system, span drive motors, limit switches and related conduit and wiring.		
08/22 - Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Electrical Inspector for the rehabilitation and partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge. H&H's assessment revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. H&H developed necessary design plans to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.		
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Electrical Designer assisting in the development of electrical components of LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).		
08/22 – 08/24	H.002798.6 Bayou Teche Movable Bridge at Oaklawn, St. Mary Parish, LA - LADOTD Electrical Designer contributing to the design, calculations, plan preparation, and inspection services for the bridge power distribution and relay-based control system for this movable bridge. The new through girder swing-span rotates with hydraulically actuated slewing (push-pull) cylinders		

08/22 – 12/23	SR-605 Movable Bascule Bridge over Industrial Waterway, Harrison County, MS - MDOT Electrical Inspector contributing to the electrical inspection and design for the full rehabilitation of SR-605 bascule bridge as a task-order to the IDIQ Master Bridge Contract which includes engineering assessment, mechanical, electrical, and structural design in addition to the preparation of Traffic Control Plans. All designs will be completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.
08/22 – 08/23	SR 609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS – MDOT Electrical Inspector contributed to the electrical inspection and design for the full rehabilitation of SR 609 bascule bridge as a task-order which included developing standard and special bridge services statewide for MDOT. The scope of work included inspection and rehabilitation of structural, mechanical, and electrical bridge components, roadway approaches, and development of maintenance and repair plans. Provided construction support services as part of the full rehabilitation of the SR 609 bascule bridge. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.
12/24 - Present	IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA – LADOTD Electrical Designer assisting in the development of plan sheets, creating electrical general plan in accordance with LADOTD policies and standards, adding new operable pedestrian gates for pedestrian walkway on the fixed spans beyond both ends of the lift span.
09/22 – 03/23	NASA Stennis Bridge Inspection, Kiln, MS - National Aeronautics and Space Administration (NASA) Electrical Inspector provided electrical engineering inspection for the SR 607 Trent Lott Boulevard Bridge over the Navigable Waterway located at the NASA John C. Stennis Space Center. The scope of the project was a routine mechanical and electrical inspection of a bascule bridge and an inspection report. During the inspection of the bascule bridge and operator house, Chris provided electrical inspection services.
01/24 – 05/24	Port Aransas Ferry Mechanical / Electrical Inspection, Port Aransas, TX – TxDOT Electrical Inspector for inspection of mechanical and electrical systems of Corpus Christi SH 361 Ferry Ramps 1-11. Each of the Harbor Island ferry ramp structures consists of a ferry landing with two tower structures supporting a movable span (or ramp), which lowers onto the deck of the ferry. The scope included performing a condition assessment of all electrical and mechanical systems, measurement of motor loads during operation, insulation resistance testing of the motor windings, and identifying deficiencies within the mechanical and electrical systems that require action to improve the operation and reliability of the ramp systems. H&H created reports for the inspection process and element level assessment of the current conditions of the mechanical and electrical systems of the ramps including recommendations for repair, rehabilitation, and improvements.
10/23 – 01/24	Bayou Portage Bascule Bridge, Pass Christian, MS - Mississippi OSARC Electrical Inspector for in-depth electrical inspection of this single-leaf bascule bridge which included conditional assessment of the bridge's mechanical and electrical systems. He performed testing of motors, motor brakes, and span locks. He assisted in evaluating all electrical components and prepared the inspection report.
09/23 – 02/24	Popp's Ferry Bascule Bridge, Biloxi, MS - Mississippi OSARC Electrical Inspector for the in-depth inspection of this double-leaf bascule bridge which included condition assessment of all electrical and mechanical systems. Inspections included measurement of the motor loads during bridge operation, determination of the insulation resistance of the submarine cable conductors, identification of deficiencies in the bridge's operation systems, and preparation of the inspection report.
10/23 - Present	Lapalco Boulevard Bridge, Harvey, LA - Jefferson Parish Department of Engineering Electrical Designer for the design of a six-lane bascule bridge parallel and adjacent to the existing bridge. The new bridge will carry three westbound lanes and the existing bridge will be modified to carry three eastbound lanes plus a pedestrian and bicycle path. The scope includes design of a new three-lane double-leaf bascule bridge and approach spans north of and parallel to the existing bridge, as well as design modifications to the existing bridge to reconfigure it to include three eastbound lanes plus a pedestrian and bicycle path. H&H's preliminary design work included a visual structural inspection of the fracture critical elements, primary and secondary structural members, as well as electrical and mechanical systems inspections.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover		
	Name		Sean Brock, EI	Years of relevant experience with this employer	3
	Title		Mechanical Engineer Intern	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		B.S. / 2023 / Mechanical Engineering		
Active registration number / state / expiration date			Engineer in Training: 35473 / LA / 09/30/2027		
Year registered	2023		Discipline	Mechanical Engineering	
Contract role(s) / brief description of responsibilities			Mechanical Field Engineer Intern		
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).				
07/23 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Mechanical Field Engineer Intern providing mechanical engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Brock is providing mechanical engineering inspection services.				
10/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Mechanical Field Engineer Intern assisting in the construction contract administration and mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.				
12/24 - Present	LA 56 Boudreaux Canal MB Replacement; H.002244.5, Terrebonne Parish, LA - LADOTD Mechanical Designer producing plans and specifications to provide notes, technical provisions and mechanical general plan. H&H will design a hydraulic system, including a hydraulic power unit, center wedge assemblies, and end roller assemblies including the roller ramps. The hydraulic system will incorporate redundant variable displacement vane pumps, be designed to accommodate 4,500 openings per year, and be relocated to a novel placement for swing bridges of this configuration to prioritize access for maintenance personnel.				
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Mechanical Designer responsible for assisting in development of mechanical components of LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural.				
11/23 – 03/24	NASA Stennis Mechanical Bridge Inspection, Stennis Space Center, MS - National Aeronautics and Space Administration Mechanical Inspector for the In-Depth inspection of the mechanical components of the bridge in accordance with AASHTO, NASA Guide for Bridge Inspection, National Bridge Inspection Standards (NBIS), and the most current version of the AASHTO Manual for Bridge Evaluation and other applicable documents. Scope includes inspection of all gearing, shafts, shaft couplings, trunnion bearings, machinery brakes, and center lock assemblies. The inspection report met NASA, NBIS and MBE requirements.				
06/23 – 12/24	SR605 Bridge Inspection, Gulfport, MS - MDOT Mechanical Inspector for the 2023 In-Depth, Nonredundant Steel Tension Member (NSTM), Routine, and Element Level Inspection of SR 605 Bridge. H&H performed an examination of bridge structural systems, the bridge mechanical and electrical systems, and an arm’s length NSTMs, as requested by Mississippi DOT. The NBIS and element structural inspection consisted of a visual and hands-on examination of the approach spans, bascule and anchor				

	spans, access platforms and ladders, operator house, and the fender system. The fracture critical inspection consisted of hands-on arm's length examination of the bascule span girders and floor beams.
10/23 – 01/24	Bayou Portage Bascule Bridge, Pass Christian, MS - Mississippi OSARC Mechanical Inspector for in-depth mechanical inspection of this single leaf bascule bridge which included conditional assessment of the bridge's mechanical and electrical systems. Mr. Brock performed a visual inspection, clearance measurements, measurements of relative span motion under live load, pressure and flow measurements, evaluation of all mechanical components, and preparation of the inspection report.
01/24 – 05/24	Port Aransas Ferry Mechanical / Electrical Inspection, Port Aransas, TX - TxDOT Mechanical Inspector for the inspection of mechanical and electrical systems of Corpus Christi SH 361 Ferry Ramps 1 – 11. Each of the Harbor Island ferry ramp structures consists of a ferry landing with two tower structures supporting a movable span (or ramp), which lowers onto the deck of the ferry. Scope included performing a condition assessment of all electrical and mechanical systems, measurement of motor loads during operation, insulation resistance testing of the motor windings, and identifying deficiencies within the mechanical and electrical systems that require action to improve the operation and reliability of the ramp systems. Mr. Brock created reports for the inspection process and element level assessment of the current conditions of the mechanical and electrical systems of the ramps including recommendations for repair, rehabilitation, and improvements.
09/23 – 02/24	Popp's Ferry Bascule Bridge, Biloxi, MS - Mississippi OSARC Mechanical Inspector for the in-depth inspection of Popp's Ferry double leaf bascule bridge which included condition assessment of all electrical and mechanical systems. Inspections included measurement of the motor loads during bridge operation, determination of the insulation resistance of the submarine cable conductors, measurements of the mechanical/hydraulic systems, identification of deficiencies in the bridge's operation systems, and preparation of the inspection report.
09/22 – 04/24	Cedar Lake Bridge Inspection, Biloxi, MS - Mississippi OSARC Mechanical Inspector for in-depth mechanical inspection for the swing bridge. Mr. Brock observed bridge operations and visually evaluated cables. He performed testing of electrical service, motors, motor brakes, and span locks. He reviewed previous bridge inspection reports and prepared checklist for field evaluation of corrected and uncorrected deficiencies. Tasks included submitting a detailed report to the client that documented deficiencies and recommendations.
06/23 - Present	Lapalco Bridge, Jefferson Parish, LA - Jefferson Parish DPW Mechanical Designer for the design of a six-lane bascule bridge parallel and adjacent to the existing bridge. The new bridge will carry three westbound lanes and the existing bridge will be modified to carry three eastbound lanes plus a pedestrian and bicycle path. Scope includes the design of a new three-lane double-leaf bascule bridge and approach spans that will be north of and parallel to the existing bridge, as well as design modifications to the existing bridge to reconfigure it to include three eastbound lanes plus a pedestrian and bicycle path. H&H's preliminary design work included a visual mechanical systems inspection.
04/24 - Present	Houma Tunnel Inspection, Houma, LA, LADOTD Mechanical Inspector providing routine mechanical inspection of all mechanical components of the Houma Tunnel per LADOTD Tunnel Inspection Procedures, National Tunnel Inspection Standards. Performed operational testing, element level inspection, and conditioning of the tunnel ventilation, drainage, pumping, and fire systems. Tasks included submitting a detailed report to the client that document deficiencies and recommendations.
07/24 – 12/24	I-110 Bascule Bridge over Biloxi Back Bay Inspection, Biloxi, MS - Mississippi DOT Mechanical Inspector providing routine mechanical inspection of all mechanical components of the bascule spans per the Movable Bridge Inspection Manual. Providing NBIS and element inspection for the entire bridge.
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Bridge Mechanical Inspector performing mechanical inspection of movable structures such as steel vertical lift bridges and plate girder bascule bridges statewide under separate task orders. Inspection of a vertical lift bridge in Calcasieu Parish (West Fork) has been completed.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	Mor Diao, CCM, PMP	Years of relevant experience with this employer	6
	Title	Project Scheduler	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		M.S. / 2011 / Construction Management B.A. / 2007 / Information Systems	
Active registration number / state / expiration date				
Year registered		Discipline	Project Scheduler	
Contract role(s) / brief description of responsibilities			CPM Scheduler	
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).			
08/20 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Project Scheduler for this project that includes contract administration and construction engineering inspection services for construction of this new vertical lift bridge and new operator's house in Bourg, LA. The new vertical lift bridge will be built on existing alignment. Contract scope included maintaining all field and contractual operation records; preparing final estimate packages; coordinating with DOTD personnel, contractor, and other parties. His responsibilities include review of the contractor's baseline and updated CPM schedules and preparation of Schedule Analysis Report (SAR).			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Project Scheduler responsible for reviewing project schedule for this project that includes construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
01/17 – 04/24	Resident Engineering Inspection for Reconstruction of Westchester Ave. Bridge over Hutchinson River Parkway, Pelham Bay, NY - NYCDOT Senior CPM Scheduler for this \$46 million project to reconstruct the deck and superstructure to improve the vertical clearance to the Hutchinson River Parkway below. The work is being performed while maintaining pedestrian and vehicular traffic on the bridge, vehicular traffic on the HRP and transit service on the elevated line supported by the bridge. Also includes reconstruction of the utility ducts on the bridge.			
01/18 – 04/22	CE&I Services for Madison Avenue Bridge (Swing Bridge) Over Harlem River, New York, NY - NYCDOT Senior Project Scheduler responsible for reviewing and recommending approval, revision, and rejection of the contractor's baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. Responsible for attending monthly CPM meeting to discuss the critical path, potential delays, any variances, and the one-month lookahead.			
09/14 – 02/17	St. George Interlocking Flood Repairs, Staten Island, NY - New York City Transit Project Controls Manager for the complete modernization and replacement of the St. George Interlocking. Work included the replacement of all ballast, track, ties, contact rail, bumper blocks, lubricators, and switches within the limits of the project as well as the replacement of the slip switches layout with a diamond crossover. Duties included reviewing and recommending approval/revision/rejection of the contractor's baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. Mr. Diao was responsible for running monthly CPM meeting to discuss the critical path, potential delays, any variances, and the one-month lookahead. Construction Cost: \$79 million.			
08/14 – 03/17	Rehabilitation of the Bryant Avenue Bridge over Amtrak and CSX Transit, Bronx, NY - NYCDOT Project Scheduler responsible for updating the approved baseline schedule to reflect progress and submitting monthly schedule update reports for compliance with the construction contract in accordance with Critical Path Method schedule to assure on-time project completion.			

03/17 – 06/24	Replacement of the Westchester Ave. Bridge over the Hutchinson River Pkwy and supporting NY Transit Elevated Line – Resident Engineering Inspection (REI) Services, New York, NY - NYCDOT Senior CPM Schedule Reviewer for this \$46 million bridge replacement while maintaining traffic on the bridge and the parkway below, and rail service for NY Transit operations above and supported by the bridge superstructure. Work included supporting elevated transit lines with temp. strong-back girders to maintain service while the steel superstructure and reinforced concrete deck were replaced with a low-profile superstructure to eliminate impacts from over-height trucks. Work also included new seismic-resistant, neoprene bearings, new expansion joints, steel cleaning and painting, improved drainage, asphalt paving, pavement markings, roadway light, utility protection/relocation, day-night-weekend work, complex work zone traffic control (WCTZ), and related work.
07/18 – 06/21	Route 112 Reconstruction Between I-496 (LIE) to Granny Road (D263744), Medford, Suffolk County, NY - NYDOT Senior CPM Schedule Reviewer for this \$32M reconstruction and widening of NY Route 112. The 2-lane roadway was replaced with 3-lanes including a shared center turn lane, and combined shoulders/bike lanes; curbs and sidewalks were added. The existing catch basin/dry well drainage system was replaced with a closed system of catch basins and manholes piped to a new drainage basin. The project required extensive relocation of sub-surface and aerial utilities and services (electric, gas, water, sanitary sewer and fiber optic cable TV, phone, and internet service). The roadway reconstruction included new sub-base and base pavement with asphalt wearing surface. The signalized intersection with Horseblock Rd. was widened to add turning lanes, and new traffic signals, signs and pavement markings were installed for improved traffic flow and safety. The project included new retaining walls, roadway lighting, sign and structures, pavement markings, guiderails, new driveway aprons, ADA pedestrian ramps at intersections, landscaping and other appurtenances. The project required extensive WZTC, staged and phased construction, and day-night-weekend work.
12/19 – 06/22	CE&I Services for Verrazzano-Narrows Bridge to Reconstruct the Reinforced Concrete Decks of the Brooklyn & Staten Island Approach to the Upper Level and the Gowanus Expressway Approach to the Lower Level (VN-84), Staten Island & Brooklyn, NY - Tri borough Bridge and Tunnel Authority Senior CPM Scheduler for this project that includes several key aspects: 1) reconstruction of the Staten Island approaches and the upper-level Brooklyn westbound approach; 2) replacement of the bridge deck at the Brooklyn and Staten Island anchorages; 3) reconstruction of the westbound Lily Pond Avenue exit ramp and merge; 4) reconfiguration of the 92nd Street entrance and exit ramps; and 5) the open road tolling in the eastbound direction. Construction cost is \$130 million.
07/21 – 06/24	Nassau County DPW Rehabilitation of Bayville Bascule Bridge over Mill Creek, Bayville, NY - Nassau County DPW Senior CPM Schedule Reviewer for this \$24.8-million major rehabilitation of this double-leaf bascule bridge. The project included the major rehabilitation of civil, structural, electrical and mechanical elements of the bridge including repair and strengthening of structural steel superstructure and trunnion support towers, cleaning and painting, replacement of the bascule girder support grillages and concrete encasement, deck modification to widen the sidewalk, drainage and expansion joint improvement. Replacement of the Mechanical operating system including replacing the main pivot bearings, rack & pinions, curved and flat bascule treads, span locks, and Live Load bearings). Replacement of the Electrical system including new control panels, braking systems, and safety warning system (gates & horns) as well as roadway and navigation lights and related work. The project also required heat strengthening of the flanges for the bascule curved girder. Restoration of the control house included reroofing, new windows, and repointing the heavy stone masonry. The project also replaced the timber fender system. The project required Staged Construction, day, night, and weekend work, Complex WZTC/MPT with temporary traffic signals, reverse traffic, and detours. Maintaining communications with local politicians and Community Outreach was required.
05/13 – 11/13	Rehabilitation of Ramp Structures at the St. George Ferry Terminal, Staten Island, NY - NYCDOT Project Scheduler responsible for revising and recommending approval/revision/rejection of the contractor's baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. This design-build project encompassed the reconstruction of eight vehicular ramps consisting of 73 spans and a pedestrian bridge above the railroad station as well as terminal buildings and a parking area. Valuation was \$175 million.

16. Staff Experience:

Firm employed by: THOMPSON ENGINEERING, INC.					
Name	NICOLE DUNN, PE		Years of relevant experience with this employer		2
Title	Civil Engineer		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		B.S. (Louisiana State University) / 2015 / Civil Engineering			
Active registration number / state / expiration date		PE #44444 / LA / 09-30-2026			
Year registered	2020	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		Lead Project Engineer / Meets MPR No. 3			
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).				
Nicole Dunn will serve as the Lead Project Engineer and is a professional civil engineer, registered in the State of Louisiana. She has over ten years of experience, including seven years of experience managing road construction projects as an Assistant Project Engineer and Project Engineer in the DOTD District 61 office. She is very knowledgeable of construction management resources and is proficient in numerous construction management software programs. She is a LADOTD certified Traffic Control Supervisor and Flagger.					
7/25-Present	STATE PROJECT NO. H.015547: ALPHONSE FORBES ROAD OVER DRAINAGE BAYOU Construction Engineer for Construction Engineering and Inspection (CE&I) Services for the off system bridge replacement on Alphonse Forbes Road Over Drainage Bayou. The project is a 0.071 mile-long project in East Baton Rouge Parish consisting of clearing and grubbing, removal of concrete bridge, grading, class II base course, lime treatment, asphalt concrete pavement, precast concrete piles, concrete slab span bridge, and related work.				
4/25-Present	STATE PROJECT NO. H.014682: VETERANS BLVD: DAVID DR. CLEARVIEW PKWY Construction Engineer for Construction Engineering and Inspection (CE&I) Services for the Veterans Boulevard roadway improvement project, spanning from David Drive to Clearview Parkway in Jefferson Parish. The scope includes asphalt milling and overlay, pavement patching, and the removal and replacement of guardrails, catch basins, and manholes. Additional improvements include new drainage structures, loop detectors, combination curb and gutter, brick sidewalks, and tree protection and root pruning. All aimed at enhancing roadway function, drainage, and pedestrian access.				
01/25-Present	STATE PROJECT NO. H.014334: BONNABEL BOULEVARD (METAIRIE ROAD TO I-10), JEFFERSON PARISH Project Engineer for the Construction Engineering and Inspection Services for Bonnabel Boulevard. The project includes the complete resurfacing of 0.737 mile of Bonnabel Boulevard. Additional work includes adjusting and/or replacing drainage structures, cold planning asphaltic concrete, pavement patching (asphalt and high early strength concrete), class II base course, handicap curb ramps, curbs, curb/gutter, joint reinforcing membrane, road reinforcing mesh, and traffic pavement markings.				
01/25-Present	STATE PROJECT NO. H.014625: TERRY PARKWAY: LA 23 TO US 90B (CE&I), JEFFERSON PARISH Project Engineer for the Construction Engineering and Inspection Services for pavement rehabilitation on Terry Parkway. The project consists of removal and replacement of concrete road panels, high-early strength concrete, concrete curb, sidewalks, pavement, catch basin and manhole adjustments, and pavement striping. Plan sheets and summary tables identified proposed patching locations, however, the CE&I team modified patching locations to better address existing site conditions.				
12/24-Present	STATE PROJECT NO. H.014913: LA-25: WASHINGTON PARISH SIDEWALKS, SEGEMENT A, WASHINGTON PARISH (DISTRICT 62) Project Engineer for the Construction Engineering and Inspection Services for the Washington Parish sidewalk project consisting of removal and replacement of concrete sidewalks, Portland cement concrete pavement, drainage structures, and related incidental construction. This project consists of replacing 0.745 miles through the city of Franklinton to improve walkability within the city, and to increase ADA compliance while maintaining pedestrian access to local amenities. The original project scope also includes grading, tree protection, landscaping, and adjusting existing utility services.				

Thompson Engineering, Inc. (Nicole Dunn, PE Resume) – Continued

06/17-04/25	PROJECT ENGINEER/ASSISTANT PROJECT ENGINEER (LADOTD OFFICE), ASCENSION, ASSUMPTION, IBERVILLE, AND ST. JAMES PARISHES Performed all Contract Administration on LADOTD construction projects. Preconstruction/Design: Identified project scope with designers in the earliest phases of project, reviewed plan sets, completed constructability reviews, and coordinated field meetings to address specific items/utility needs. Construction Engineering/ Construction Administration: Reviewed project submittals, shop drawings, and coordinated traffic control needs/press releases; made adjustments for differing site conditions and completed change orders with specific attention to funding categories for estimate purposes; completed all stockpile material assessments/inputs into Site Manager throughout the progression of the project; reviewed diaries/estimates using Site Manager and Headlight; various construction tasks performed include checking drainage grades, analyzing all IRI data in Proval, and insuring plan intent and specifications are adhered to; managed inspection, construction office team, and equipment.
12/15-06/17	LADOTD ROAD DESIGN Designer for H.008312, LA 1042 Bridges near Greensburg (since PIH), converting projects to the current 2016 spec book. Designer for H.000263, Chef Menteur Pass Bridge and Approach using Microstation/InRoads.
06/15-12/15	LADOTD PAVEMENT AND GEOTECHNICAL SECTION Checked boring logs for soil classification accuracy. Developed soil profiles and performed pile designs on various off-system bridge projects throughout Louisiana. Assisted with multiple PDA tests on both concrete and steel piles. Worked alongside the geotechnical drill crew and lab.
06/14-08/14	LADOTD PAVEMENT PRESERVATION SECTION Created Pavement Preservation Health Index for 3-14 fiscal year. Collected data on asphalt overlays used in various states to compare how Louisiana uses thin overlays.

16. Staff Experience:

Firm employed by: THOMPSON ENGINEERING, INC.				
Name	JUSTIN BOSARGE	Years of relevant experience with this employer	10	
Title	Lead Construction Inspector	Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline	LADOTD certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Paving, Structural Concrete, and a LADOTD Certified Traffic Control Supervisor and Flagger	
Contract role(s) / brief description of responsibilities		Lead Construction 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 years of experience specified in the applicable MPR(s).			
Justin Bosarge is a DOTD Certified Inspector with over nineteen years of experience in road construction. He will perform Construction Inspection Services. He is certified in Designing Pedestrian Facilities for Accessibility, LADOTD certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Paving, Structural Concrete, and a LADOTD Certified Traffic Control Supervisor and Flagger. He is well versed in DOTD’s construction software Site Manager and HeadLight.				
4/25-Present	STATE PROJECT NO. H.014682: VETERANS BLVD: DAVID DR. CLEARVIEW PKWY, JEFFERSON PARISH Inspector for Construction Engineering and Inspection (CE&I) Services for the Veterans Boulevard roadway improvement project, spanning from David Drive to Clearview Parkway in Jefferson Parish. The scope includes asphalt milling and overlay, pavement patching, and the removal and replacement of guardrails, catch basins, and manholes. Additional improvements include new drainage structures, loop detectors, combination curb and gutter, brick sidewalks, and tree protection and root pruning. All aimed at enhancing roadway function, drainage, and pedestrian access.			
07/21-Present	STATE PROJECT NO. H.001498: LA 24 AND LA 316: COMPANY CANAL BRIDGE, TERREBONNE PARISH Inspector for the Construction Engineering and Inspection Services for construction of a new vertical lift bridge over the Company Canal on LA 24 at new operator’s house. The new vertical lift bridge will be built on existing alignment. Duties include maintaining all construction field records; making daily entries in the project dairy, coordinating with DOTD and appropriate utility representatives, inspecting the contractor’s construction operations (daily) to ensure that all work is being performed in accordance with the plans and specifications; keeping clear and concise records of contractual operations; and preparing final estimate packages, including Form 2059 “Summary of Test Results” in conformance with DOTD requirements. Construction Cost: \$28M (EST)			
05/23-Present	STATE PROJECT NO. H.006457: ROUNDABOUT AT PR 929 AND PARKER ROADS, ASCENSION PARISH Lead Inspector for the Construction Engineering and Inspection Services for the Roundabout at PR 929 and Parker Roads which includes removal of existing pavement base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, embankment, and striping/signs along with combination curb and gutter, and new drainage. Meyer is working hand in hand with the Contractor, DOTD, and the Ascension Parish Engineering Department.			
03/19-11/19	STATE PROJECT NO. H.012783.6: WB VETERANS: SEVERN AVENUE – CLEARVIEW PARKWAY, JEFFERSON PARISH Lead Inspector for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures.			
07/23-Present	STATE PROJECT NO. H.006459: ROUNDABOUT AT CHURCHPOINT AND RODDY ROADS, ASCENSION PARISH Lead Inspector for the Construction Engineering and Inspection Services which includes removal of existing pavement and base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, embankment, and striping/signs along with combination curb and gutter and new drainage.			

Thompson Engineering, Inc. (Justin Bosarge Resume) – Continued

05/17-09/19	STATE PROJECT NO. 007175: LAPALCO (VICTORY – WESTWOOD), JEFFERSON PARISH Inspector for the Construction Engineering and Inspection Services for widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work also consisted of clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. Duties included gathering and organizing samples and documentation for the DOTD approved sampling plan and 2059, inspecting construction activities in the field, documenting field operations in field books and Site Manager system, measuring, and verifying quantities with contractor, coordinating field testing as required, and maintaining record drawings. Construction Cost: \$6.9M
11/15-12/18	STATE PROJECT NO. H.007351: COUNTRY DRIVE WIDENING PHASE A (JEFF DRIVE TO PRESQUE ISLE DRIVE), TERREBONNE PARISH Lead Inspector for the Construction Engineering and Inspection Services which included the complete reconstruction and widening of 7,300 LF of Country Drive. Work also included clearing and grubbing, drainage structures, cold planing asphaltic concrete, pavement patching, class II base course, superpave asphaltic concrete pavement, and traffic pavement markings. Traffic was maintained on this busy street. Construction Cost: \$3.9M
11/16-08/18	STATE PROJECT NO. H.007265.6: ST. CHARLES AVENUE (LA AVE. – CALLIOPE STREET) Lead Inspector for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, clearing and resealing existing joints, concrete walks, handicap curb ramps, striping, loop detectors, temporary detour roads and tree protection. Construction Cost: \$3.6M
08/15-05/18	STATE PROJECT NO. H.007331: PAKENHAM DRIVE (LA 46 – LA 39), ST. BERNARD PARISH Lead Inspector for the Construction Engineering and Inspection Services which included constructing a new asphaltic concrete roadway with curb and gutter, sidewalks, and subsurface drainage. Work also included removing the existing roadway, constructing traffic signals, sewer lines and water lines. Construction Cost: \$5.3M
10/16-05/18	STATE PROJECT NO. H.001413.6 (CE&I): LA 18 (4TH STREET EXTENSION – BURMASTER), JEFFERSON PARISH Inspector for the Construction Engineering and Inspection Services for LA 18 (4th Street Extension – Burmaster). The project included new construction including grading, concrete pavement, curbs, base course, and subsurface drainage. Additional work included clearing and grubbing, drainage structures, sidewalks, landscaping, light poles, and traffic pavement markings. Duties included utilizing DOTD's Site Manager Program and coordinating with DOTD. Also reviewed and managed shop drawings and requests for information. The final submittal package was submitted to the DOTD Construction Audit Section including Form 2059 and as-built drawings. Construction Cost: \$7.2M

16. Staff Experience:

Firm employed by: THOMPSON ENGINEERING, INC.				
Name	BYRON MACKEY	Years of relevant experience with this employer	10	
Title	Construction Inspector	Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization		B.S. (Louisiana State University) / 2009 / Construction Management		
Active registration number / state / expiration date				
Year registered		Discipline	LADOTD certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Concrete Paving, Structural Concrete, and a LADOTD Certified Traffic Control Technician and Flagger	
Contract role(s) / brief description of responsibilities		Construction 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 years of experience specified in the applicable MPR(s).			
Byron Mackey is a DOTD Certified Inspector with over seventeen years of experience in road construction. He will perform Construction Inspection Services . He is LADOTD Certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Concrete Paving, Structural Concrete , and is a LADOTD Certified Traffic Control Technician and Flagger . He is well versed in DOTD’s construction software Site Manager and HeadLight .				
01/25-Present	STATE PROJECT NO. H.014625: TERRY PARKWAY: LA 23 TO US 90B (CE&I), JEFFERSON PARISH Construction Inspector for the Construction Engineering and Inspection Services for pavement rehabilitation on Terry Parkway. The project consists of removal and replacement of concrete road panels, high-early strength concrete, concrete curb, sidewalks, pavement, catch basin and manhole adjustments, and pavement striping. Construction Cost: \$812K (EST)			
02/23-Present	STATE PROJECT NO. H.013365: LA 45/LA 303 ROSETHORNE PATH (LAFITTE), JEFFERSON PARISH Construction Inspector for the Construction Engineering and Inspection for the path which includes an approximately 10,000’ 6’ wide concrete path along the east side of LA 45 (Jean Lafitte Blvd.) in the vicinity of Rosethorne Park and the Lafitte Fire Station. Striping, signage, and drainage modifications are included in this project. Construction Cost: \$1.2M (EST)			
01/23-Present	STATE PROJECT NO. H.013525: ST. BERNARD 40 ARPENT TRAIL Construction Inspector for the Construction Engineering and Inspection Services for the construction of an approximately 47,610 LF asphalt bicycle-pedestrian path along the 40 Arpent Levee from Arabi to the Violet Canal. The project also includes construction of two bicycle-pedestrian bridges across the 40 Arpent Canal. Construction Cost: \$7.9M (EST)			
12/20-05/21	STATE PROJECT NO. H.009804.6: SOUTH WILLIAMS BOULEVARD STREETSCAPING, JEFFERSON PARISH Lead Inspector for the Construction Engineering and Inspection Services for South Williams Boulevard Streetscaping which included removal of standard concrete sidewalk pavement and replacement with decorative sidewalk pavers, handicap ramps, decorative striping along with combination curb and gutter and incidental drainage.			
10/16-07/18	STATE PROJECT NO. H.001413.6: LA 18 (4TH ST. EXT. – BURMASTER) Lead Inspector for the Construction Engineering and Inspection Services for the new construction on LA 18 which included grading, concrete pavement, curbs, base course, and subsurface drainage. Additional work included clearing and grubbing, drainage structures, sidewalks, landscaping, light poles, and traffic pavement markings. Construction Cost: \$7.2M			
08/15-05/18	STATE PROJECT NO. H.007331: PACKENHAM DRIVE (LA 46 – LA 39), ST. BERNARD PARISH Construction Inspector for the Construction Engineering and Inspection Services for the road reconstruction on Pakenham Drive, Jackson Boulevard, Courthouse Square, and Tyler Street. The work includes constructing a new asphaltic roadway with curb and gutter, sidewalks, subsurface drainage, removing the existing roadway, construction traffic signals, sewer lines, and water lines. He performed weekly progress meetings, negotiated, and processed change orders, updated DOTD’s Site Manager Program, and reviewed all Requests for Information (RFI). Construction Cost: \$5.3M			

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		19
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		7	
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 / 3-31-2027	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Richards is responsible for the technical functions/performance of the soil mechanics' laboratory. 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, with the exception of being employed by the Prime Consultant, he fulfills Item Nos. 1, and 2 of the Minimum Personnel Requirements in this Advertisement.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/21 – 02/23	LaDOTD, New Magazine Street Improvements Between Leake Avenue to Avenue East Drive, New Orleans, Louisiana (24689): This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Richards reviewed the concrete mix design report.		
07/21 – 08/21	LaDOTD, Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana (24631): Eustis Engineering completed concrete and asphalt testing and inspection services for this project. As the project manager, Mr. Richards reviewed the reports and provided quality control checks of our services.		
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	Chad M. Ortolano		Years of relevant experience with this employer
Title	Senior CMT Technician		Years of relevant experience with other employer(s)
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 be able to provide a variety of CMT services for this project if 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. He was previously certified as a Traffic Control Supervisor by ATSSA and can be recertified, if needed.	
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).		
11/21 – 02/23	LaDOTD, New Magazine Street Improvements Between Leake Avenue to Avenue East Drive, New Orleans, Louisiana (24689): This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Ortolano and the Eustis team performed in-place density tests throughout the project area.		
08/18 – 11/18	LaDOTD - Girder Span Bridge Repairs, Earhart Expressway and Clearview Parkway Interchange, Metairie, Louisiana (23954): The scope of work for this project included soil mechanics laboratory tests, in-place nuclear density tests, concrete inspections, compressive strength testing of concrete cylinders, and asphalt pavement cores at 172 locations to the approximate 12-in. depth. Mr. Ortolano performed in-place density tests and concrete inspection services on this project on an as-needed basis.		

16. Staff Experience:

Firm employed by Eustis Engineering L.L.C.				
Name	Jonathan B. Jadrich		Years of relevant experience with this employer	15
Title	Senior CMT Technician		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			Bachelor of Science / 1993 / Physics	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Jadrich will be able to provide a variety of CMT services for this project. His main area of expertise includes concrete inspection, in-place density tests, masonry inspection, rebar inspection and site inspection. Additionally, Mr. Jadrich assists our laboratory on an as-needed basis.	
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).			
11/21 – 02/23	LaDOTD, Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana (24689): This project involved the reconstruction of Magazine Street in New Orleans, Louisiana. Our services included testing and inspection of earthwork and concrete. Mr. Jadrich and the Eustis team performed in-place density tests throughout the project area. He dedicated nearly 60 hours to the project.			
07/21 – 08/21	LaDOTD, Ames Boulevard between the West Bank Expressway and Happy Street, Jefferson Parish, Louisiana (24631): This project involved renovations and upgrades to a section of the roadway pavement along Ames Boulevard between the West Bank Expressway and Happy Street in Jefferson Parish. Eustis Engineering was brought in to provide construction materials testing and inspection services during the laying of asphalt and concrete. Mr. Jadrich assisted with asphalt and concrete inspections.			
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. Jadrich took part in the fieldwork activities.			

17. Firm Experience:

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

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

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

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Fortune Road Pavement Preservation (CE&I)				Firm responsibility (prime or sub?)	Prime
Project number	H.012868.6	Owner's name	City of Youngsville (LaDOTD LPA project)			
Project location	Youngsville, Louisiana			Owner's Project Manager	Terry Bourque	
Owner's address, phone, email	201 Iberia St, Youngsville, LA 70592 / (337) 856-4181 / terrybourque@youngsvillela.gov					
Services commenced by this firm (mm/yy)		04/25	Total consultant contract cost (\$1,000's)			78
Services completed by this firm (mm/yy)		02/26	Cost of consultant services provided by this firm (\$1,000's)			78

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

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



17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	St. Bernard Pedestrian Improvements (CE&I)				Firm responsibility (prime or sub?)	Prime
Project number	H.014049.6	Owner's name	LaDOTD			
Project location	Chalmette, Louisiana			Owner's Project Manager	Justin Guilbeau	
Owner's address, phone, email	14101 Old Gentilly Rd, New Orleans, LA 70129 / (504) 253-6102 / justin.guilbeau@la.gov					
Services commenced by this firm (mm/yy)		03/25	Total consultant contract cost (\$1,000's)			123
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			123

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

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



17. Firm Experience:

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

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

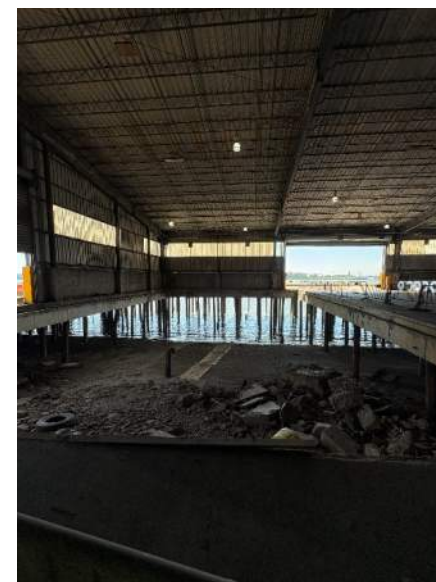
Firm Members Involved: Ben Bartlett, Brett Liuzza, John Karlin, and Jack Burnett

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	CE&I/OV	
Project name	Louisiana Ave., Harmony St., & Seventh St. Wharf Substructure Repairs (CMAR)			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Port of New Orleans		
Project location	New Orleans, Louisiana			Owner's Project Manager	Christine Nguyen
Owner's address, phone, email	1350 Port of New Orleans Pl, New Orleans, LA 70130 / (504) 528-3416 / christine.nguyen@portnola.com				
Services commenced by this firm (mm/yy)	10/25	Total consultant contract cost (\$1,000's)			1,500
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			1,250

The Louisiana Avenue, Harmony Street, and Seventh Street Wharves were originally constructed in 1974, 1955, and 1978, respectively, along the Mississippi River and currently serve as break-bulk terminals operated by Ports America and QSL. This project involves rehabilitation of piles (steel pipe piles and H-piles), decks (cast-in-place and precast reinforced concrete) and reinforced concrete pile caps and a major repair of a large failed section of deck, pile caps, and piles. Horizon is currently providing construction management and independent cost estimating services for this \$40M (est.) project.

Firm Members Involved: John Karlin, Brett Liuzza, and Paul Beaulieu



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	Louisiana Department of Transportation	
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)	12/2022	Total consultant contract cost (\$1,000's)	\$8,665	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$5,225	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
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 the full removal of the existing lead based paint by abrasive blast cleaning, application of a full paint system to the steel approach girders and truss, 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, PE, Phillip "Joey" Guedry, Bob Boagni, PE, Hunter Welch, PE, Jason Reinecke, Aaron Speisman, John Vojtaskovic, Amanda Bankston, Jeff Robinson, PE, Hunter Vining, Stephen Gerhardt				



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	Louisiana Department of Transportation	
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	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
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, full removal of the existing lead based paint by abrasive blast cleaning, application of a full paint system to the steel approach girders and truss, 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 into 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, reviewing 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, PE, 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 70 Mississippi river Bridge (Sunshine) Phase III, CE&I		Firm responsibility (prime or sub?)	Prime
Project number	H.012343	Owner's name	Louisiana Department of Transportation	
Project location	St. James Parish	Owner's Project Manager	Scott Lobell	
Owner's address, phone, email	43133-1 LA 30, Gonzales, LA 70737; (225)675-5320; Scott.Lobell@LA.GOV			
Services commenced by this firm (mm/yy)	05/17	Total consultant contract cost (\$1,000's)	\$1,192	
Services completed by this firm (mm/yy)	07/21	Cost of consultant services provided by this firm (\$1,000's)	\$646	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
As Prime, GPI provided CE&I and Coatings Inspection services for the rehabilitation of the structural steel superstructure and substructure, replacement of 13 finger joints, rivet/bolt replacement, lead based paint removal and application of a full paint system at repair locations, and rehabilitation of the top chord safety handrail of the main truss of the Sunshine Bridge. GPI provided the day-to-day inspection, quality assurance, field sampling and testing, SiteManager reports, traffic control review, measurement of quantities, conformance to the specifications, and other related construction management duties.				
				
During the project, the Sunshine Bridge main truss was critically damaged by a river vessel to the lower truss chord requiring closure to traffic until repaired. Emergency repairs were conducted by force account and included the stabilization of the truss, removal & replacement of the damaged components, hydraulic jacking of the truss back to as-build position, heat straightening, rivet/bolt replacement and weld repairs. GPI provided project engineering, contract administration, daily review and oversight, force account documentation, review and processing of contractor invoices in accordance with the EDSMs, coordinated repair efforts among the design and repair teams, and continuously updated LADOTD Administration, District 61, and Public Information Offices. The bridge was successfully reopened to traffic in 52 days after impact. As Sub, G.E.C., Inc. provided environmental monitoring services for the coatings inspection of the cleaning and painting of all structural repairs.				
Firm Members Involved: GPI: Tim Thomas, PE, Joey Guedry, Bob Boagni, PE, Amanda Bankston, Andy Rousseau				

17. Firm Experience:

Firm name	Hardesty & Hanover	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Company Canal Vertical Lift Bridge Replacement CE&I	Firm responsibility (prime or sub?)	Prime
Project number	H.001498	Owner's name	Louisiana Department of Transportation & Development
Project location	Bourg, LA	Owner's Project Manager	Jacob Oncale, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804 / 985.858.2424 / Jacob.Oncale@la.gov		
Services commenced by this firm (mm/yy)	07/20	Total consultant contract cost (\$1,000's)	\$4,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$3,200

H&H is providing construction engineering and inspection services (CE&I) for this project. The original Company Canal Vertical Lift Bridge on LA 24 was constructed in 1951 with a 65-foot-long lift span. Although operating more than a dozen times per month, the bridge's condition had declined over time. The original bridge had a poor load rating, deterioration of the steel protective coating and superstructure steel, and many additional operational issues that caused the bridge to malfunction. These issues caused traffic disruptions and required detours from LA 24 to local roads. LADOTD determined that the original bridge required replacement.

The newly designed vertical lift bridge, which is being built on the existing alignment, will have a 100-foot-long lift span with an approximately 48-foot-wide deck consisting of two 12-foot-wide travel lanes, two 8-foot shoulders, and a 5-foot pedestrian walkway. The 40-foot approach slabs will be installed at each end of the bridge. The new operator's house will be constructed just southwest of the bridge to replace the existing operator's house which was located on the northeast side of the bridge. The scope of the bridge replacement project included improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs.

During the construction of the new vertical lift bridge and operator house, H&H is providing construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and their staff. H&H's scope includes:

- Coordinating and attending pre-construction meeting
- Keeping records of the contractual operations; maintaining construction field records; making daily entries in project diary
- Coordinating with DOTD and utility representatives for relocations/ adjustments of utility facilities
- Performing required field-testing and submit sampled materials
- Inspecting contractor's construction operations (daily) to ensure work is performed in accordance with the plans and specifications
- Preparing monthly pay estimates, monthly progress reports, tracking and payment for stockpile materials, and prepare change orders
- Submitting "As-Built" plans with the final estimate
- Preparing final estimate packages, including Form 2059

Key Personnel: Bobby Naghavi, PE; Fred Wetekamm, PE; Linh Kim, PE; Kenneth Pecquet, PE; Travis Kimmins, PE; Lance Resendez, EI; Dalton Hunt, EI; Sean Brock, EI; Christopher Aubert, PE; Mor Diao, James Burkes, Dwayne Lewis

**SCOPE OF WORK RELEVANT TO THE CONTRACT:**

- LADOTD CE&I PROJECT
- ELECTRICAL/MECHANICAL/STRUCTURAL INSPECTION
- NEW BRIDGE CONSTRUCTION
- LADOTD SOFTWARE USED – SITEMANAGER AND HEADLIGHT

17. Firm Experience:

Firm name	Hardesty & Hanover	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Bayou Barataria Swing Bridge Phase 1 and Phase 2		Firm responsibility (prime or sub?) Prime
Project number	H.015028.6	Owner's name	Louisiana Department of Transportation & Development
Project location	Jefferson Parish, LA	Owner's Project Manager	Ryan Morvant, PE
Owner's address, phone, email	1201 Capitol Access Rd. Baton Rouge, LA 70804 / 225.379.1067 / Ryan.Morvant@la.gov		
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)	\$7,370
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$6,465

H&H is providing construction contract administration and construction engineering and inspection services (CE&I) for the Bayou Barataria Bridge Replacement Projects for LADOTD. The original bridge was built in 1948 to connect Barataria and Lafitte and was destroyed completely in 2021 by Hurricane Ida. After Hurricane Idea, a temporary modular steel span bridge was built in its place and is currently the only means of transportation for Barataria residents to the mainland. The new moveable bridge will be located approximately one mile downstream from the original bridge.

The LA302- Bayou Barataria Moveable Bridge Replacement Project is multi-phased to allow for an expedited start time for the construction of the bridge. Phase 1 includes construction of the new swing bridge, operator house, generator house, and embankment placement for the approach roadways at a cost of \$56 million. The bridge is estimated to be completed in 2028. Features of the new bobtail swing bridge include a 20-foot vertical clearance in the closed position, a hybrid-driven hydraulic swing operating system, a natural gas-powered generator to operate the bridge after a storm or power outage, and a robust pier protection system with 60-inch diameter piles protecting the new bridge.

Phase 2 includes roadway reconstruction and new alignment on LA45 to approach the new bridge (LA302). Roadway improvements are also being designed on the west side of the new bridge (LA3257), for a total of \$8 million. The roadway improvement project is estimated to be completed in 2026. Features of the new roadway include an elevation change of the LA45 roadway at LA302 of 7feet, which includes an embankment surcharge for 180 days, new 16-inch water main, drainage structures, relocation of utilities, and temporary Mechanically Stabilized Earth Wall (MSEW). Construction requires installation of the temporary MSEW for the new alignment to maintain traffic in both lanes on LA45 during construction.

H&H's scope includes:

- Coordinating and attending pre-construction and weekly construction meetings
- Keeping contractual operations records; maintaining construction field records; making daily entries in project diary
- Coordinating with DOTD and utility representatives for relocations and adjustments of utility facilities
- Performing required field testing and submitting sampled materials
- Daily inspection of the contractor's construction operations to ensure work is performed in accordance with the plans and specifications (LSSRB 2016)
- Preparing monthly pay estimates and monthly progress reports; tracking and payment for stockpile materials; and preparing Change Orders
- Submitting "As-Built" plans with the final estimate
- Preparing final estimate packages, including Form 2059

Key Personnel: Bobby Naghavi, PE; Fred Wetekamm, PE; Matt Gagliano, PE; Travis Kimmins, PE; Kenneth Pecquet, PE; Christopher Aubert, EI; Lance Resendez, EI; Dalton Hunt, EI; Sean Brock, EI; Mor Diao; James Burkes; Dwayne Lewis

**SCOPE OF WORK RELEVANT TO THE CONTRACT:**

- LADOTD CE&I PROJECT
- ELECTRICAL/MECHANICAL/STRUCTURAL INSPECTION
- NEW ROADWAY & BRIDGE CONSTRUCTION
- OVERLAY OF EXISTING ROADWAY
- LADOTD SOFTWARE USED – HEADLIGHT AND SITEMANAGER

17. Firm Experience:

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)*	CE&/OV	
Project name	Lake Pontchartrain Causeway Safety Bay Improvement Project CE&I			Firm responsibility (prime or sub?)	Prime
Project number	432	Owner's name	Greater New Orleans Causeway Commission		
Project location	Jefferson & St. Tammany Parishes, LA			Owner's Project Manager	Carlton Dufrechou, PE
Owner's address, phone, email	3939 N. Causeway Blvd #400 Metairie, LA 70002 / 504.835.3118 / cdufrechou@gnoec.org				
Services commenced by this firm (mm/yy)	08/18	Total consultant contract cost (\$1,000's)			\$3,880
Services completed by this firm (mm/yy)	08/21	Cost of consultant services provided by this firm (\$1,000's)			\$3,000

H&H provided construction, engineering, and inspection services (CE&I) for the Greater New Orleans Expressway Commission (GNOEC) along the Lake Pontchartrain Causeway Bridge. The purpose of this fast-paced, \$60M CMAR construction project was to improve safety by providing emergency stopping areas for northbound and southbound bridges with new shoulders in six locations on each bridge.

H&H deployed several construction engineering and inspection teams to oversee the fabrication and construction of structural and electrical operations. These teams worked concurrently inspecting construction activities over an approximately 18-month construction and the project closeout period. Precast components were utilized for the project with material fabrication performed off-site at two locations and the contractor's yard for the construction of prefabricated decks. H&H's scope also included inspection of power, lighting, communication, CCTV, and traffic signal systems. All work was performed in conformance with LADOTD requirements and the latest specifications.

H&H's specific responsibilities included: maintaining all construction field records; documenting personnel present and equipment being utilized on the job site; coordinating relocations and adjustments of utility facilities for the construction of worksite; submitting all sampled materials to be tested by a qualified testing laboratory in accordance with the stipulated sampling manual; inspecting and ensuring that all work was performed in general compliance with the specified plans and specifications; keeping concise records of the contractual operations; preparing monthly pay estimates and monthly progress reports; preparing final estimate packages and submitting as-built plans with the final estimate; monitoring and documenting all construction claims and providing recommendations on disposition of claims; coordinating and/or performing the inspection of the fabrication of pre-cast materials at the two precast plants and the contractor's yard; reviewing the construction signage for compliance with the MUTCD and traffic control standards; developing a sampling plan; and preparation of final estimate packages, as-built plans, and all construction records.



SCOPE OF WORK RELEVANT TO THE CONTRACT:

- CONSTRUCTION ENGINEERING & INSPECTION PROJECT
- CONSTRUCTED ACCORDING TO LADOTD STANDARDS & SPECIFICATIONS
- ELECTRICAL INSPECTION
- BRIDGE CONSTRUCTION

Key Personnel: Bobby Naghavi, PE; Fred Wetekamm, PE; Linh Kim, PE; Kenneth Pecquet, PE

HORIZON ENGINEERING, LLC

17. Firm Experience:

THOMPSON PROJECT #1			
Firm name	Thompson Engineering, Inc.	Discipline(s)*	CE&I/OV
Project name	S. Tangipahoa Roads - Pavement Rehab	Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.014048	Owner's name	DOTD/Tangipahoa Parish
Project location	Tangipahoa Parish	Owner's Project Manager	Kevin Greer
Owner's address, phone, email	15485 W. Club Deluxe Road, Hammond, LA 70403; 985.340.9028; KGreer@tangipahoa.org		
Services commenced by this firm (mm/yy)	05/22	Total consultant contract cost (\$1,000's)	\$707
Services completed by this firm (mm/yy)	06/23	Cost of consultant services provided by this firm (\$1,000's)	\$707

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

Thompson Engineering, operating as Meyer Engineers, provided Construction Engineering and Inspection (CE&I) services for the South Tangipahoa roads rehabilitation which includes milling, overlay, and striping along with combination curb and gutter, and incidental drainage. Our team worked hand in hand with the Contractor, DOTD, and the Tangipahoa Engineering Department.

The work was performed on Sisters Road, N. Baptist Road, Happywoods Roads, Rufus Bankston Road, and Wardline Road. Meyer reviews the Contractor's schedule, reviews all Requests for Information (RFI), and coordinates with DOTD District 62 and the Tangipahoa Department of Public Works. The project required a constant presence on site. Our team performed constant checks, provided knowledge and communication to prevent problems.



Our team completed all closeout submittals including Form 2059 and record drawings and is performing all documentation on DOTD's Site Manager Pro-program and HeadLight. Construction Cost: \$2.5M (EST)

Team Members: Justin Bosarge

100% of the work for this project was performed in Louisiana.



HORIZON ENGINEERING, LLC

17. Firm Experience:

THOMPSON PROJECT #2			
Firm name	Thompson Engineering, Inc.	Discipline(s)*	CE&I/OV
Project name	Terrace Ave Pavement Rehab (CE&I)	Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.014528.6	Owner's name	City of Slidell
Project location	St. Tammany Parish	Owner's Project Manager	Christi Lambertson
Owner's address, phone, email	203 Bouscaren St, Slidell, LA 70458; 985-646-4270; CLambertson@CityofSlidell.org		
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)	\$140
Services completed by this firm (mm/yy)	06/24	Cost of consultant services provided by this firm (\$1,000's)	\$140

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

Our team completed Construction Engineering and Inspection Services for Terrace Ave. from Old Spanish Trail to Ash St. in Slidell, St. Tammany Parish. The purpose of this project is to mill, patch and overlay the existing asphaltic concrete road on Terrace Ave. Additional work includes the full reconstruction (Excavation, Sub-base, Class 2 Base Course, and Asphaltic Concrete) of the first 300 LF, clearing and grubbing, Manhole and Utility adjustments, and Thermoplastic Pavement Striping. Traffic is being maintained on this busy street.

Our team utilized DOTD's Site Manager and Headlight Programs and coordinated with DOTD District 62 and St. Tammany Parish. Thompson reviewed and managed shop drawings and Requests for Information (RFI).



Our team submitted the final submittal package to the DOTD Construction Au-dit Section including Form 2059 and as-built drawings. The construction cost is \$1.5 Million.

Team Members: David Dupre, PE | Byron Mackey (Lead Inspector)

100% of the work for this project was performed in Louisiana.



HORIZON ENGINEERING, LLC

17. Firm Experience:**THOMPSON PROJECT #3**

Firm name	Thompson Engineering, Inc.	Discipline(s)*	CE&I/OV
Project name	LA 25: Washington Parish Sidewalks Segment B & C	Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.011835.6	Owner's name	Washington Parish
Project location	Washington Parish	Owner's Project Manager	Alex Sumrall
Owner's address, phone, email	909 Pearl Street, Franklinton, LA 70438; 985.335.1312; alex.sumrall@wpgov.org		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)	\$20.9
Services completed by this firm (mm/yy)	10/22	Cost of consultant services provided by this firm (\$1,000's)	\$20.9

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



Thompson Engineering, operating as Meyer Engineers, Ltd, led the preliminary and final design of ADA compliant sidewalks and after successful bidding, Thompson continued work in providing Construction Engineering and Inspection Services for the Washington Parish Sidewalk Project in Franklinton, Louisiana. This Transportation Alternatives Program (TAP) project consisted of 4,000 linear feet of 6-foot-wide decorative concrete sidewalks along Cleveland Street, Main Street (LA 25), Pearl Street and Jackson Street. The work also included concrete curbs, drainage, striping, and ADA ramps. The sidewalks provide a non-motorized transportation link in the community and will tie into the Safe Routes to School project around the Franklinton Junior High School. Future phases to extend the path along Main Street (LA 25) and along Boat Ramp Road are in the conceptual design phase. The project provides connectivity between residential neighborhoods and established commercial areas and government services. Thompson provided engineering and inspection services that included coordination with Washington Parish and the LADOTD, maintaining field records, and preparing monthly pay estimates and progress reports in DOTD's Site Manager.

Team Members: **Byron Mackey (Lead Inspector)**, 100% of the work for this project was performed in Louisiana.

17. Firm Experience:

Firm name	Eustis Engineering L.L.C.			Discipline(s)*	Geotech/Other (Construction Materials Testing)	
Project name	New Magazine Street Improvements, Between Leake Avenue to Avenue East Drive			Firm responsibility (prime or sub?)		Sub
Project number	H.007273	Owner's name		LaDOTD Through Design Engineering, Inc.		
Project location	New Orleans, Louisiana			Owner's Project Manager		Brett Liuzza
Owner's address, phone, email		3330 West Esplanade Avenue, Suite 205, Metairie, Louisiana, 504-836-2155, bliuzza@dei-engr.com				
Services commenced by this firm (mm/yy)		11/21	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)		02/23	Cost of consultant services provided by this firm (\$1,000's)			\$28

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

The portion of Magazine Street between Leake Avenue and slightly east of East Drive in New Orleans, Louisiana was demolished and reconstructed. The new pavement comprised of Portland Cement Concrete. Utility features were also planned to be updated. Eustis Engineering provided construction materials testing services for the project to include sampling and field testing of earthwork, and field testing and sampling of concrete.

For the sampling and field testing of earthwork, Eustis Engineering provided a qualified technician to:

- observe proofrolling operations,
- obtain representative samples of materials intended for use on the project,
- perform in place density tests on these same materials throughout the day, and
- determine if the materials in the field have been properly compacted and are in compliance with the project plans and specifications.

During concrete, mortar, and grout testing services, Eustis Engineering's ACI certified technicians:

- recorded each mix design used while at the project site;
- recorded the amount of water or additives added to the concrete, mortar, and/or grout mix;
- observed the placement of the material while performing testing;
- performed slump tests (either visual or actual) for each truck load witnessed;
- sampled the material at intervals stated in the project plans and specifications.

Personnel involved with this project included **Travis R. Richards, P.E., Chad M. Ortolano, and Jonathan B. Jadrich.**



17. Firm Experience:

Firm name	Eustis Engineering L.L.C.			Discipline(s)*	Geotech/Other (Construction Materials Testing)	
Project name	Bourbon Street Reconstruction, Phase II				Firm responsibility (prime or sub?)	Prime
Project number		Owner's name		City of New Orleans, Department of Public Works		
Project location	New Orleans, Louisiana			Owner's Project Manager		Joshua Hartley
Owner's address, phone, email		1300 Perdido Street, Room 6W03, New Orleans, Louisiana 70112, 1-504-565-7255, jwhartley@nola.gov				
Services commenced by this firm (mm/yy)		04/17	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)		02/18	Cost of consultant services provided by this firm (\$1,000's)			\$483

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

A major refurbishment of Bourbon Street paving between Canal Street and Dumaine Street was proposed by the City of New Orleans. The work would consist of replacement of existing drain lines, sewer and water mains, house connections, sidewalks, and a new 8-in. thick concrete pavement roadway. Eustis Engineering was tasked to provide the following services for this phase of the project:

- site observation and inspection;
- vibration monitoring;
- soil and/or aggregate materials sampling and laboratory testing including soil mechanics materials such as sand (structural fill) as well as crushed concrete and limestone (base course) the project. Testing included grain size analyses, Atterberg limits determinations, organic content, standard Proctor (ASTM D698), modified Proctor (LaDOTD TR418), and relative density Proctor (ASTM D4253, D4254);
- in-place density tests on the various materials listed above;
- inspection and sampling of concrete placed for street panels, sidewalks, curbs, catch basin foundations, valve box foundations, transition box foundations, electrical box foundations, etc.; and
- compressive strength testing of nearly 400 concrete cylinders made during inspection.



laboratory tests performed on that were intended for use on

More than 30 Eustis Engineering employees and subcontract employees worked in excess of 5,300 hours on this project. **Travis R. Richards, P.E.** provided technical oversight on the project.

18. Approach and Methodology:

IDIQ Contract 4400034601 will provide construction engineering and inspection (CE&I) services throughout the state, primarily in District 62 and involving bridge, asphalt mill and overlay, and roundabout projects. These infrastructure improvements will have a positive impact on the community by improving pedestrian, bicyclist, and motorist safety and interconnectivity throughout St. Helena, Livingston, St. John the Baptist, Tangipahoa, Washinton, and St. Tammany parishes. Horizon Engineering, LLC (Horizon) has identified the following challenges that will need to be addressed during construction to deliver successful projects.

1. COORDINATION

Coordination with DOTD District 62, local public agencies, Contractor, Engineer of Record, and other affected stakeholders (e.g., residents, businesses, and utility companies) will be critical to ensure that all project team members are on the same page. Our staff has worked with DOTD District 62 on multiple recent CE&I projects, such as H.014315.6, Grafton Drive Pavement Rehabilitation, H.014317.6, Carey St. Pavement Rehabilitation, H.014737.6, Signal Upgrade: Sgt Alfred Dr @ Cleveland project, and H.011775.6, US 11 & US 190 Bicycle and Ped Crossings. This familiarity will facilitate seamless coordination throughout the project. Two of our Lead Project Engineers, Brett Liuzza and Ben Bartlett, were raised in District 62 and many of our inspectors currently live in District 62 (Jeff Puissegur, Keith Schulz, and Jack Burnett). They fully understand not only the project area but also the community's needs and concerns. We have a personal connection to our work and will be extremely invested in the success of this project. Additionally, we can be nearly anywhere in the district in less than an hour; therefore, we can quickly respond to DOTD's needs.

2. 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. 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.

3. ROAD CONSTRUCTION

The quality of construction of asphalt and PCCP 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. At asphalt patch and PCCP panel replacement locations, Horizon

will inspect the condition of the existing base to determine if additional base material and/or compaction is required. For new roads, 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).

- Asphalt delamination, slippage, and other similar bond failures typically occur due to poor adhesion between the overlay and underlying asphalt. After milling and sweeping, and immediately prior to tack coat application and overlay, our Team will inspect the existing asphalt surface to ensure that it is dry and has been adequately roughened and cleaned to remove debris and other bond-inhibiting contaminants.
- Cracking shortly after concrete placement typically occurs due to failure to timely apply curing compound (or provide other curing methods), improper panel aspect ratios/joint spacing, inadequate contraction joint depth, and too much time elapsing between concrete set and tooling or saw cutting of contraction joints. Our Team will verify joint layouts prior to concrete placement and verify that contraction joints are tooled shortly after placement or saw cut to adequate depths as soon as PCCP has set sufficiently, preferably within approximately 4 hours. Additionally, if most of the PCCP panels at an intersection will be replaced, our Team will review the existing joint layout and recommend modifications as necessary to decrease the likelihood of cracking.
- Cracking, separation, and other similar deterioration along PCCP joints typically occur due to misaligned dowels, poor concrete consolidation, and debris filling joints. Our

Team 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 to remove debris and other bond-inhibiting contaminants 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. Our Team 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.

4. DRIVEWAY AND CURB RAMP SLOPES

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

start of construction to avoid delays during construction.

5. POTENTIAL CONFLICTS

Each project will likely have many potential conflicts, such as trees, light poles, signs, mailboxes, and utilities, that could potentially conflict with the work. Our Team will emphasize to the Contractor the importance of careful operation of equipment, especially during removal operations, and ensure that trees to remain are properly protected to avoid damaging existing landscaping and utilities.

6. 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. Our Team 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. This will be especially critical for bridge closures with limited detour routes. Our Team will also assist with continuous coordination with residents to facilitate temporary driveway access if possible and minimize disruptions to garbage collection services and utilities.

7. DRAINAGE AND ENVIRONMENTAL

During construction, existing drainage ditches and/or subsurface drainage systems could potentially 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 adjacent property. Our Team 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.

STAFFING PLAN

We will provide a sufficient number of project engineers, certified inspectors, and support staff for each project to accommodate each Contractor's manpower allocation, construction schedule, work hours, and other similar factors. The project engineers will remain in constant contact with the inspectors and always be available to visit the site if needed.

CE&I SCOPE OF WORK

Our Team fully understands the scope of work and will complete all of the tasks listed in Attachment A of the Advertisement in accordance with project specific requirements, such as the Special Provisions and Sampling Plan, and applicable DOTD standards, procedures, and requirements, such as Construction Contract Administration Manual, Materials Sampling Manual, Testing Procedures Manual, Quality Assurance Manuals, and EDSMs. Our Team will implement the following approach and methodology, which highlights the major tasks required but is not all-inclusive, to complete each 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, testing procedures, and EDSMs.
- **Preconstruction Conference:** Meet with DOTD District 62; Contractor and subcontractors; utility companies; and other pertinent stakeholders in accordance with DOTD EDSM III.1.1.7. Prepare agenda and meeting minutes and distribute meeting minutes to all attendees.

CONSTRUCTION PHASE

- **General Inspection:** Continuously inspect construction operations to ensure that work is completed using approved materials in accordance with the Plans, Specifications, and change orders/field changes (if applicable).
- **TTC Inspection:** Inspect temporary traffic control signs and devices for conformance with the approved Traffic Control Plan (TCP), DOTD Standard Plans, and MUTCD.
- **Erosion Control Inspection:** Inspect erosion control devices for conformance with DOTD Standard Plans.
- **Precast and Prefabricated Materials Inspection:** Inspect precast materials (if any), such as drainage structures and PPC girders, and prefabricated materials, such as traffic signal controller equipment, for any damage occurring during transportation.
- **Inspection Documentation:** All inspection observations, including photos and notes, will be recorded using HeadLight and synced with 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 62 Testing Laboratory for testing. Horizon's team includes Eustis, a qualified, third-party independent testing laboratory. If requested by DOTD, our testing laboratory will test samples in accordance with applicable DOTD testing procedures and as required by the Specifications.
- **Daily Work Records (DWRs):** Prepare detailed DWRs, including on non-working days, describing the Contractor's personnel and equipment; Horizon's personnel; completed tasks/quantities, accepted work, and nonconforming work; condition of TTC signs and devices and erosion control devices; material tickets, samples obtained, field tests performed, and field test results; utility conflicts; charging of Contract Time and weather conditions; safety violations; and significant out of the ordinary events (e.g., accidents). The Contractor will be immediately notified of any safety violations or nonconforming work. Depending on the severity of any safety violations, work will be shut down immediately to avoid further danger to the public or property damage. All DWRs will be prepared using HeadLight and synced 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:** Review Contractor's construction layout and notify the Contractor immediately of discrepancies between elevations of constructed components and the Plans. If necessary, 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 municipality.
- **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 DOTD

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

- **Email Correspondence:** Coordinate with other parties to prepare email distribution lists for different aspects of the work. Horizon will be included on all email distribution lists to allow for all email correspondence to be properly logged into the official project record for future access by DOTD.
- **Testing Reports:** Review all testing reports and evaluate the conformance of materials to the Plans and Specifications. Testing reports, as well as notices of nonconformance if necessary, will be distributed to all relevant parties.
- **Notices of Nonconformance:** Identify work that does not conform with the Plans and/or Specifications and notify DOTD. 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:** Review the Contractor's baseline schedule for conformance to the Specifications and feasibility. Review the Contractor's progress schedules to determine if they accurately reflect the work progress and identify potential delays to construction due to the sequence of the work or inadequate progress on critical path items.
- **Monthly Pay Estimates:** Verify all completed quantities, including the dates of completion. Review monthly pay estimates for conformance with the Specifications and consistency with the actual work correctly completed. Horizon's Project Engineer and inspector(s) will review completed quantities and their applicable specification provisions as part of continuous

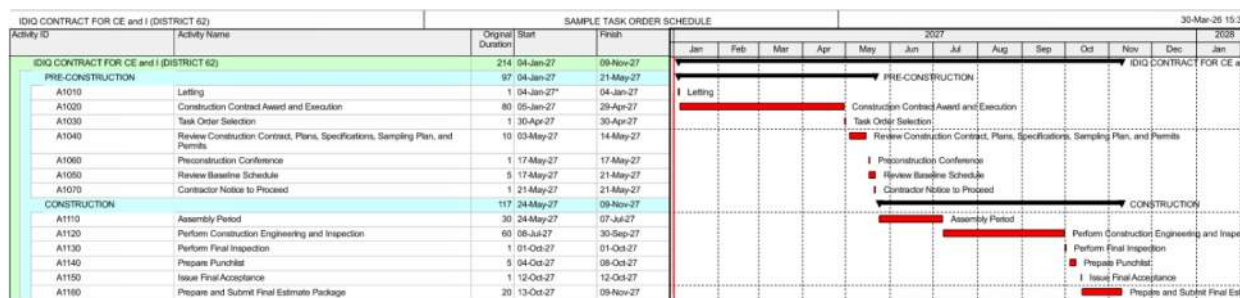
coordination between the office and field to ensure proper payment for completed work.

- **Field Changes:** Coordinate field changes with DOTD, 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 if applicable.

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



HORIZON ENGINEERING, LLC

Figure 1: Sample Task Order Schedule

19. Workload:

Firm(s) <u>ALL FIRMS</u> MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Horizon Engineering, LLC	CE&I/OV	Contract No. 4400030048 S. P. No. H.012867.6	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)	\$246,030
	CE&I/OV	Contract No. 4400031927 S. P. No. H.014737.6	Signal Upgrade: Sgt Alfred Dr @ Cleveland (CE&I)	\$96,556
	Road	Contract No. 4400031228 S. P. No. H.015469.5	Shreveport Pvmt Prgrm (Panel Replace)	\$132,068
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	\$67,149
	CE&I/OV	Contract 44-18899; SPN H.004791	LA23: Belle Chasse Bridge and Tunnel (HBI) (sub to Volkert)	N/A
	CE&I/OV	Contract 44-23897; SPN H.011965.6	LA 47: IWGO Bridge Rehabilitation (HBI) (CE&I)	\$829,990
	CE&I/OV	Contract 44-19550; SPN H.001234.6	LA 1: Port Allen Canal Bridge Replacement (Phase 1) (HBI) (CE&I) (sub to RCL)	N/A
	CE&I/OV	Contract 44-30226; SPN H.014258.6	LA 1: Port Allen Canal Bridge Replacement (Phase 2) (HBI) (CE&I) (sub to RCL)	\$910,153
	CE&I/OV	Contract 44-24113; SPN H.003047.6	Pecue Lane/I-10 Interchange (sub to RCL)	\$302,897
	CE&I/OV	Contract 44-27615; SPN H.014588.6	I-20: Orange St Overpass Repair	\$62,880
	CE&I/OV	Contract 44-26587; SPN H.001779.6	Jimmie Davis Bridge (LA 511) (HBI) (sub to Volkert)	\$2,350,919
	CE&I/OV	Contract 44-26587; SPN H.015714.6	I-110 @ Convention St. Fire Repair	\$53,944
	CE&I/OV	Contract 44-27615; SPN H.014465.6	LA 82 Vermillion River MB RH (Perry) (HBI)	\$2,307,030

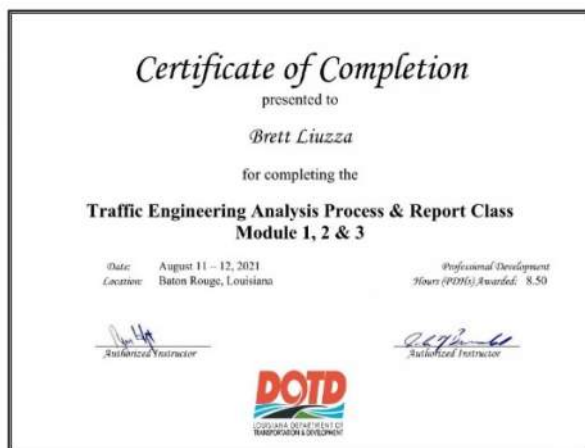
Greenman-Pedersen, Inc. (continued)	CE&I/OV	Contract 44-27615; SPN H.012083.6	I-10: Calcasieu River Bridge Interim Repairs	\$1,197,523
	CE&I/OV	Contract 44-27349, SPN H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parish (sub to GEC)	\$82,764
	CE&I/OV	Contract 44-22074, SPN H.010960.6	LA 30 Roundabout (sub to GEC)	\$475,719
Hardesty & Hanover, LLC	Other (Tunnel Inspection)	4400028222; H.011006.5 Task 1	IDIQ Contract for Tunnel Inspection Services	\$480,148
	Bridge	4400023511; H.009730.5 Task 2	Bridge Inspection of Complex Structures LADOTD Movable Bridge Inspection Manual	\$462,208
	Bridge	4400023511; H.009730.5 Task 4	Bridge Inspection of Complex Structures - SNBI Data Collection	\$60
	CE&I/OV	4400017430; H.001498.6	LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish	\$191,608
	Bridge	4400023909; H.002244.5 Task 2	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal (Mechanical)	\$92,715
	Bridge	4400023909; H.015963.5 Task 4	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal (Structural)	\$5,841
	Bridge	4400023909; H.015963.6 Task 5	IDIQ Contract for Movable Bridge Preservation Red River MB Ped Gates (Jackson St)	\$94,501
	Bridge	4400023909; H.002798.6 Task 6	IDIQ Contract for Movable Bridge Preservation Bayou Teche Bridge (Oaklawn) Arc-Flash	\$36,000
	CE&I/OV	4400024021; H.015028.6	LA 302: Bayou Barataria MB Replacement Route: LA 302	\$4,051,923
	CE&I/OV	4400024022; H.002264.6	LA 302: Bayou Barataria MB Replacement Route: LA 302, LA 47, and LA 3257	\$950,502
	Bridge	4400021516; H.011962; H.012063; H.013818; H.011986; H.012734	Contract 4 for Movable Bridges (5) – Original Contract plus Supplemental Agreement No. 1	\$2,363,072
	Bridge	4400021516; H.013818	Contract 4 for Movable Bridges (5) – Supplemental Agreement No. 2	\$2,179,684

Hardesty & Hanover, LLC (continued)	Bridge	4400026585; H.006226.5	Point-a-la-Hatche Ferry Landing Replacement	\$2,065,634
Thompson Engineering, Inc., of Louisiana	CE&I/OV	#4400017430 / H.001498	LA 24 & LA 316: Company Canal Bridge (CE&I)	\$65,608
	CE&I/OV	#4400021186 / H.013520	Barringer Drive Sidewalks	N/A
	Road	#4400023075 / H.013522	S. Lewis Street Widening	\$41,881
	CE&I/OV	#4400024988 / H.006457.6	Roundabout @ PR 929 and Parker Road	N/A
	CE&I/OV	#4400025412 / H.006459.6 (CE&I)	Roundabout Churchpoint Road and Roddy Road (CE&I)	\$323
	CE&I/OV	#4400025702 / H.013813.6 (CE&I)	Vintage Drive Multi Use Path: Power – Wilson (CE&I)	\$38, 547
	CE&I/OV	#4400024021/#4400024022 / H.015028 / H.002264	Bayou Barataria MB Replacement, Phase I (CE&I) Bayou Barataria MB Replacement (CE&I)	\$128,816
	Road	#4400027183 / H.016012 – Task 1	IDIQ Contract for Design of Transportation Alternatives Projects Statewide	\$10,031
	CE&I/OV	#4400027183 / H.015852.5 – Task 2	LA Hwy. 403 Sidewalks (Paincourtville) (Melancon Street to St. Elizabeth Street)	\$116, 770
	CE&I/OV	#4400027183 / H.015860.5 – Task 3	LA 1 & LA 308 Sidewalks (Belle Rose)	\$156,545
	CE&I/OV	#4400029079 / H.014625.6	Terry Parkway: LA 23-US 90B	N/A
	CE&I/OV	#4400029159 / H.014682	Veterans Boulevard: David Drive to Clearview	\$524
	Road	#4400028908 / H.014334.6	Doucet Road Sidewalks	\$104, 231
	CE&I/OV	#4400028908 / H.014334.6	Bonnabel Boulevard: Metairie Road	\$36,391
	Bridge	#440021517 / H.010007	DOTD Contract 5 – Movable Bridges (HDR)	\$173,232
	CE&I/OV	#4400030093 / H.015547.6 – Task 1	IDIQ Contract for Construction, Engineering and Inspection Services and Staff Augmentation Alphonse Forbes Road over Drainage Bayou	\$109,129
	CE&I/OV	#4400030093 / H.014837.6 – Task 2	IDIQ Contract for Construction, Engineering and Inspection Services and Staff Augmentation LA30: LA74 - EBR P/L Iberville Parish	\$327,777
	CE&I/OV	#4400030093 / H.015530.6 – Task 3	IDIQ Contract for Construction, Engineering and Inspection Services and Staff Augmentation Devall Road over Drainage Ditch Ascension Parish	\$178,500
	Road	#4400014181 / H.011310.5	Ford Street Extension *pending DOTD execution	\$200,417

Thompson Engineering, Inc., of Louisiana (continued)	Bridge	#4400021514 / H.012003, H.011995, H.0100007, H.012568, H.012000	Contract 2 for Movable Bridges (5) Vermilion, St. Martin, Assumption, and Cameron Parishes (WSP)	\$125,971
Eustis Engineering L.L.C.	CE&I/OV	DOTD S.P./Task Order No. H.015028.6. Boh Bros. Subcontract No. 23210-009. Boh Bros. Project No. 2321034. Work Order No. 23210-017	Louisiana, State of - Department of Transportation and Development, LA 302: Bayou Barataria Bridge Replacement, Phase 1, Jefferson Parish, Louisiana, Eustis Engineering Project No. 24515.02 (Construction materials testing services and vibration monitoring)	\$15,000
	Geotech	DOTD S.P No. H.015028.6. Contract No. 4400024654, Task Order 1	Louisiana, State of - Department of Transportation and Development, IDIQ Contract for Geotechnical Services Statewide, LA Highway 302: Bayou Barataria Bridge Replacement, Phase 1, Jefferson Parish, Louisiana. S.P. No. H.015028.6. F.A.P. No. H015028. Contract No. 4400024654. Task Order No. 1, Eustis Engineering Project No. 24515.04	\$51,000
	CE&I/OV	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, Roosevelt Boulevard, Intersection of West Napoleon Avenue to Intersection of West Metairie Avenue, Kenner (Jefferson Parish), Louisiana. Prime Contract No. 4400031036. S.P. No. H015120. F.A.P. No. H015120. Digital Engineering Project No. 25R00002.000, Eustis Engineering Project No. 25500	\$5,000
	CE&I/OV	Louisiana. S.P. No. H.012867.6. F.A.P. No. H012867	Louisiana, State of - Department of Transportation and Development, Urban System Project, South Larriviere Road, LA Highway 92 to Chemin Metairie Parkway, Youngsville (Lafayette Parish), Louisiana. S.P. No. H.012867.6. F.A.P. No. H012867, Eustis Engineering Project No. B0822	\$1,000

20. Certifications/Licenses:

Brett Liuzza, PE



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.
606 North Street • Baton Rouge, LA 70802
Phone: 225/344-0432 • Fax: 225/344-0458
www.lagc.org

March 30, 2026

To Whom It May Concern,

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

ATSSA Traffic Control Supervisor Training – Brett Liuzza

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

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

Best Regards,

[Signature]

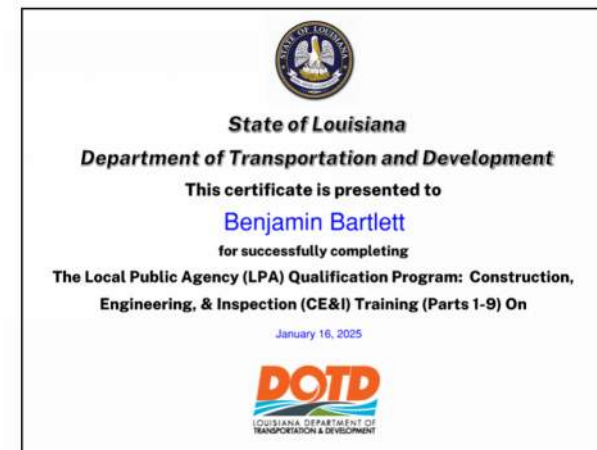
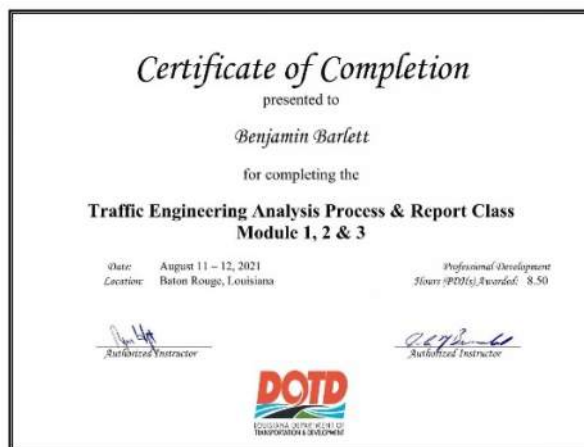
Reldon Owens- LAGC Chief Executive Officer



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

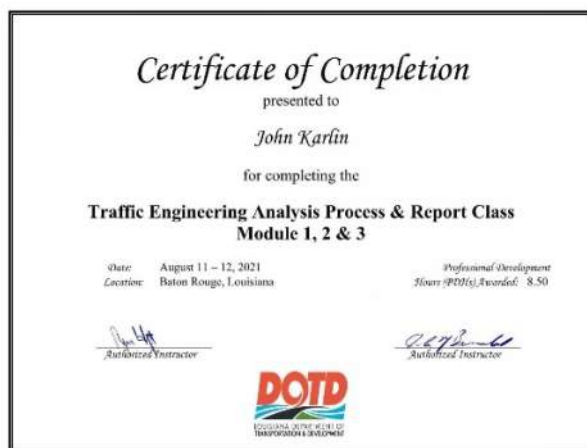
Ben Bartlett, PE, PTOE



*Scheduled to complete ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger training in April, lapse in renewal due to course availability.

20. Certifications/Licenses:

John Karlin, SE, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

John Karlin, SE, PE (Continued)



*Scheduled to complete ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger training in April, lapse in renewal due to course availability.

20. Certifications/Licenses:

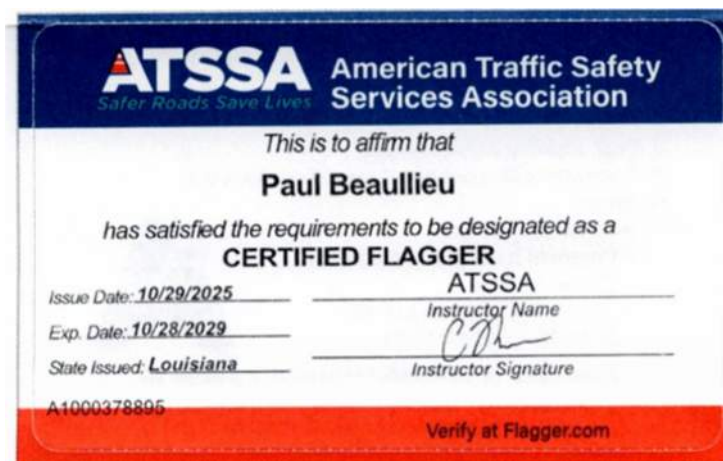
Collin Gillen, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

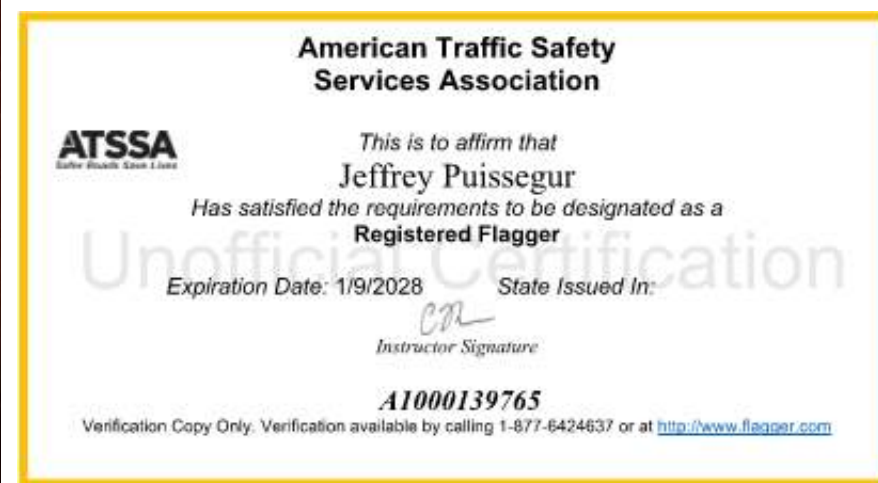
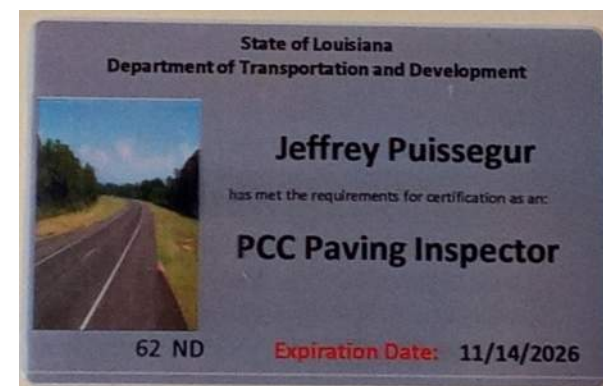
Paul Beaulieu, EI



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Jeff Puissegur



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Keith Schulz



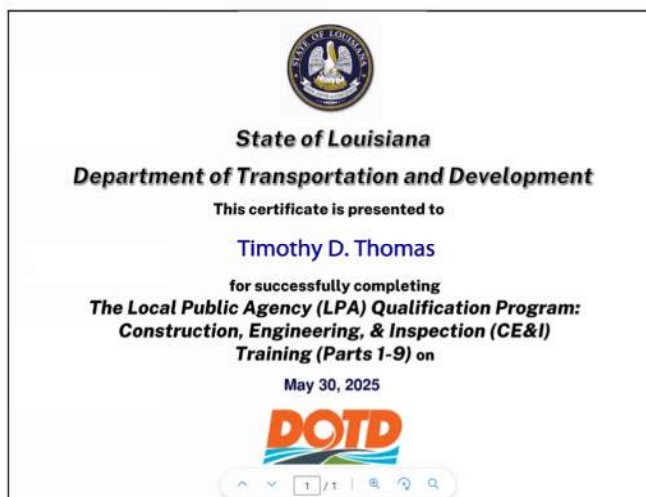
*Keith Schulz has completed all Embankment and Base Course certification written exams and is currently awaiting performance evaluation availability.

20. Certifications/Licenses:**Jack Burnett**

*Awaiting receipt of flagger certification card in mail.

20. Certifications/Licenses:

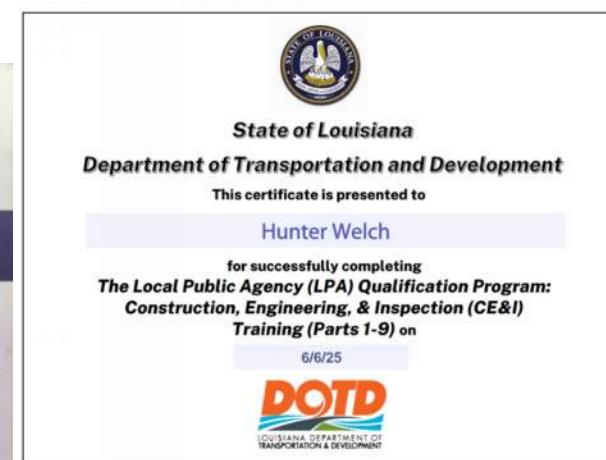
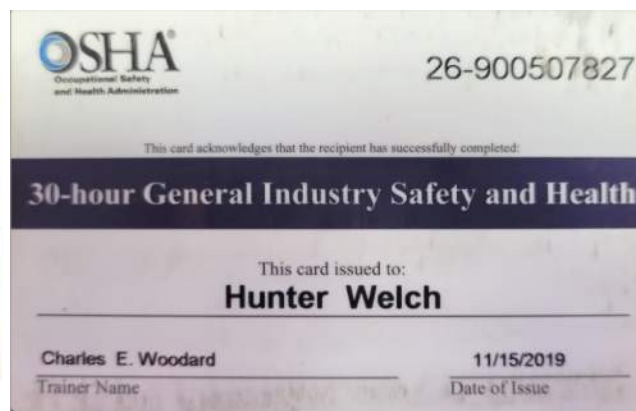
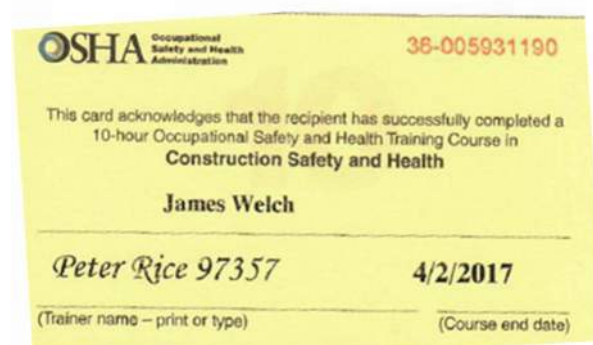
Timothy Thomas, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

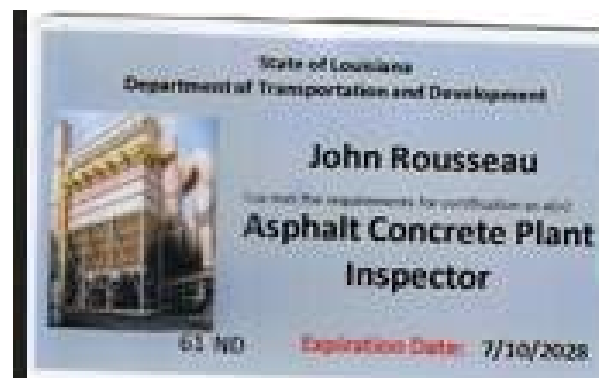
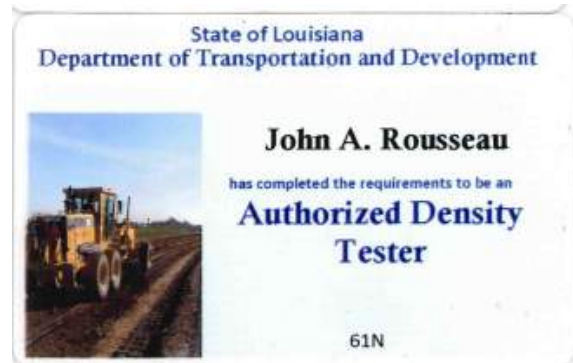
Hunter Welch, PE



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

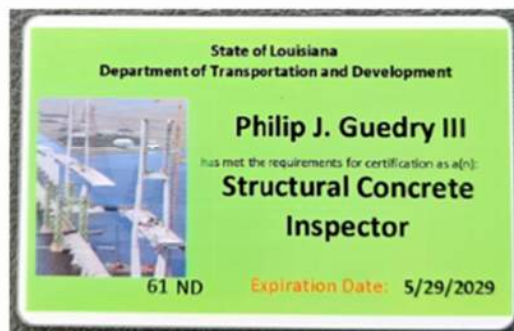
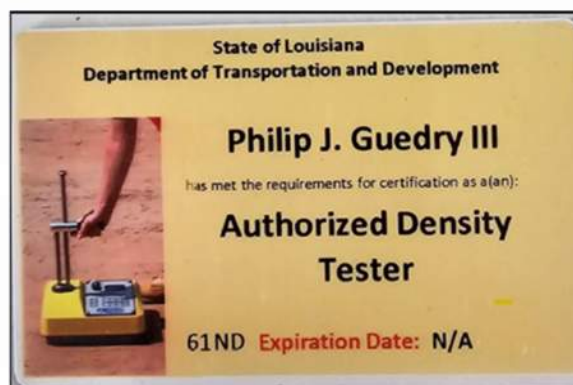
John "Andy" Rousseau



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Philip "Joey" Guedry



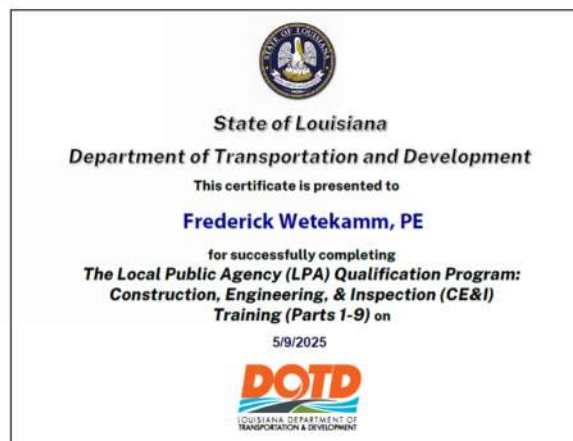
20. Certifications/Licenses:

Hunter Ross Vining



20. Certifications/Licenses:

Frederick Wetekamm, PE



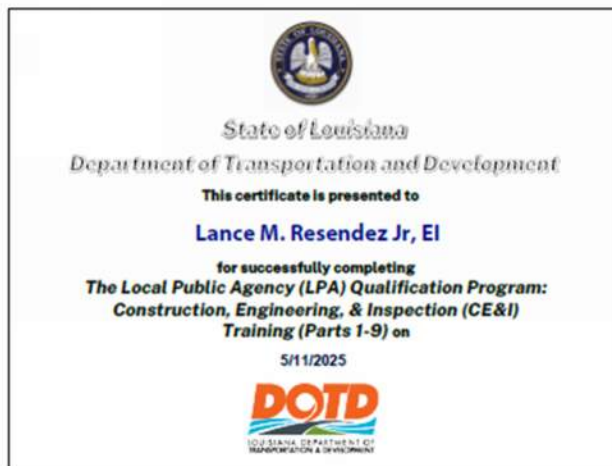
20. Certifications/Licenses:

Linh Kim, PE



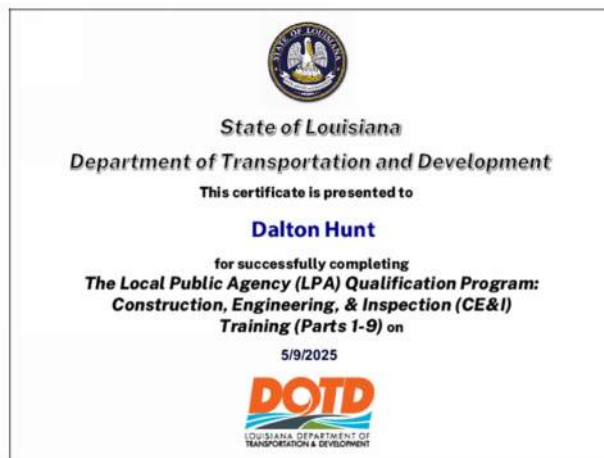
20. Certifications/Licenses:

Lance Resendez, PE



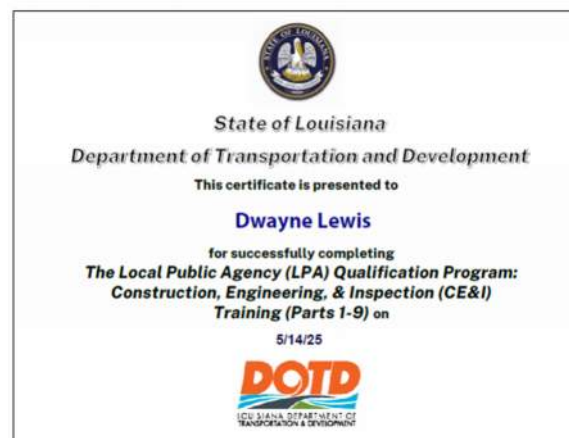
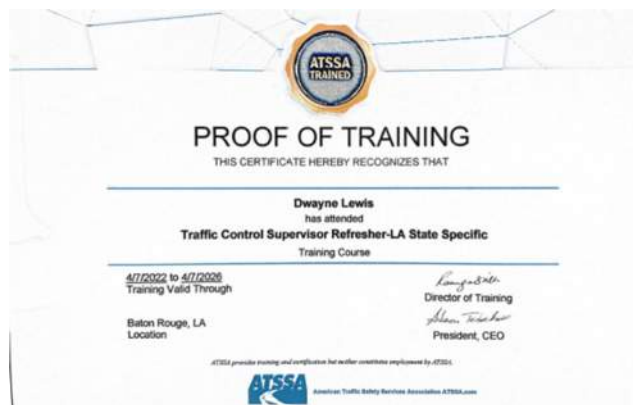
20. Certifications/Licenses:

Dalton Hunt, EI



20. Certifications/Licenses:

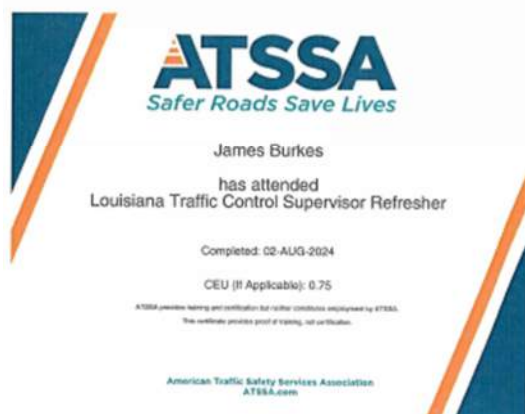
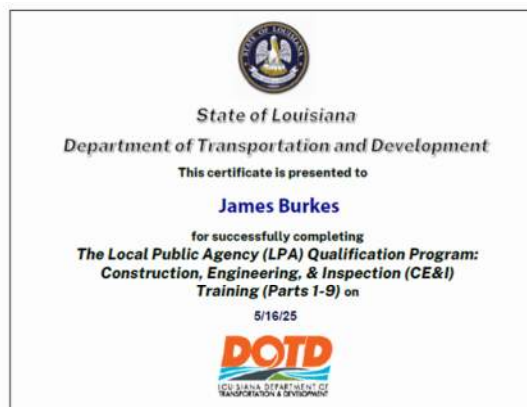
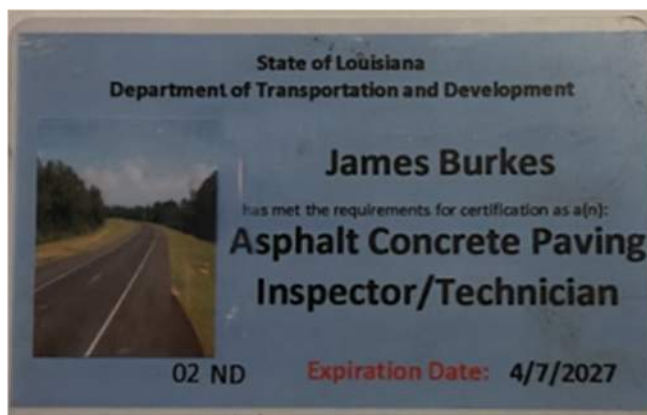
Dwayne Lewis



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

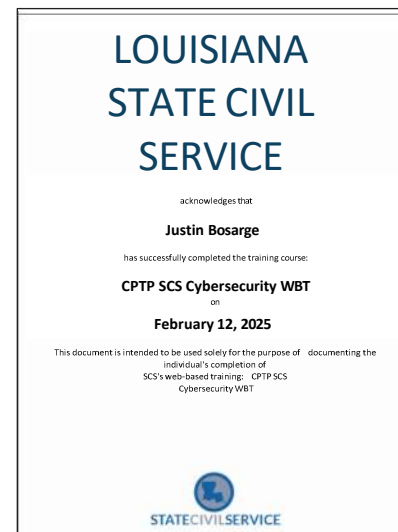
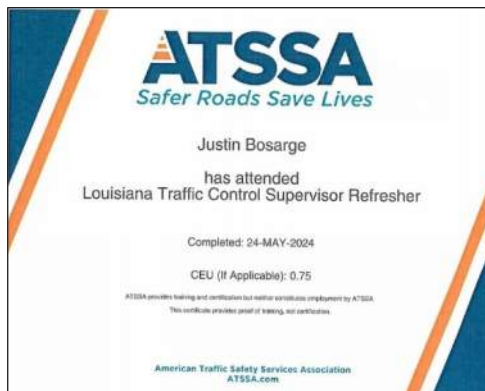
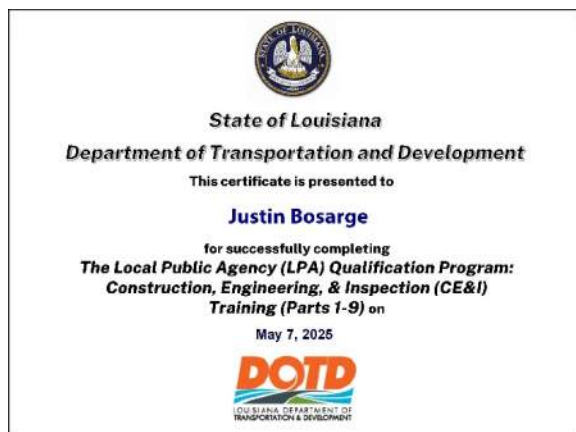
James Burkes

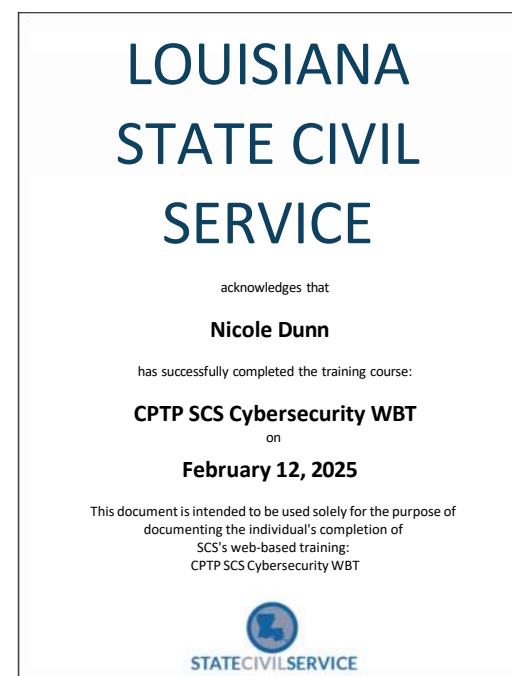
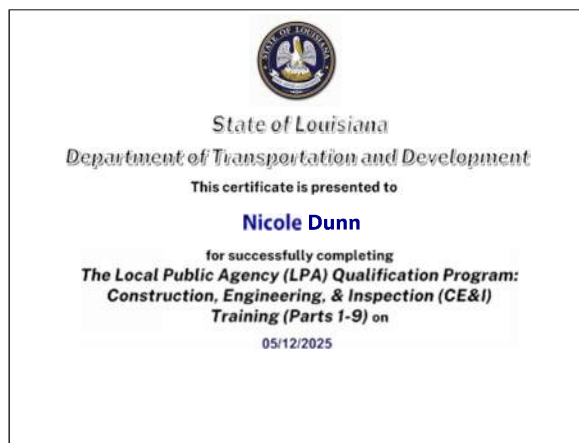


HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

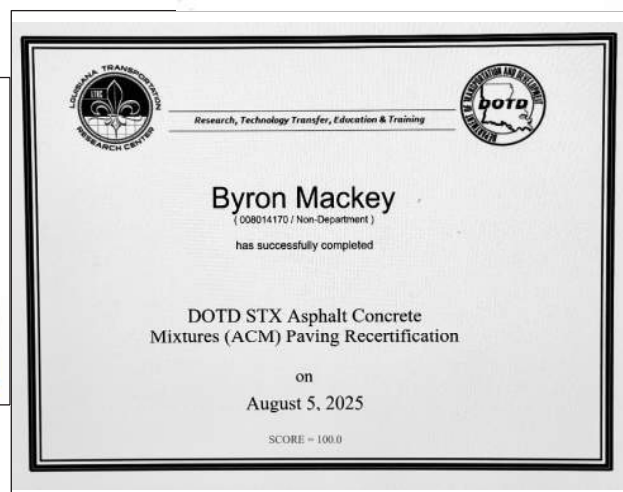
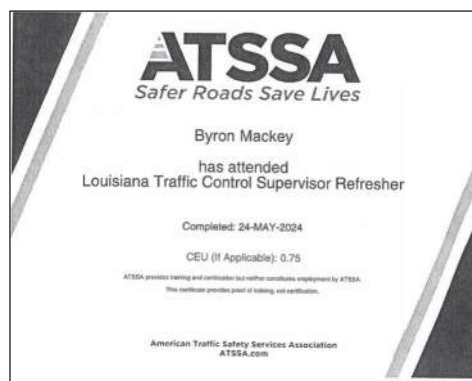
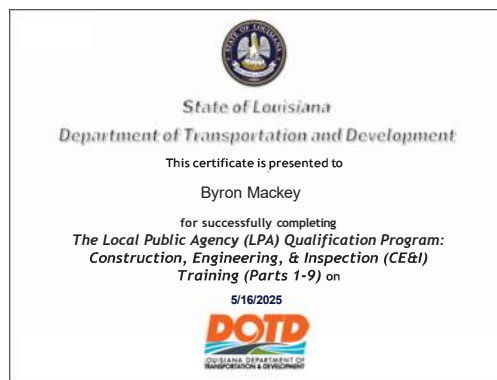
Justin Bosarge



20. Certifications/Licenses:**Nicole Dunn, PE****HORIZON ENGINEERING, LLC**

20. Certifications/Licenses:

Byron Mackey



HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State



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

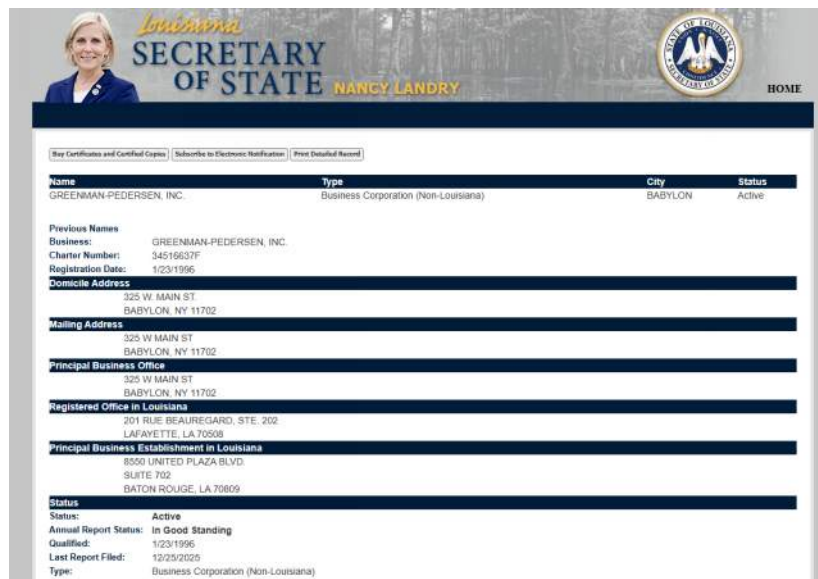
Previous Names
Business: HORIZON ENGINEERING, LLC
Charter Number: 45713383K
Registration Date: 12/14/2023

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

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

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

Horizon Engineering, LLC



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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
 8350 UNITED PLAZA BLVD
 SUITE 702
 BATON ROUGE, LA 70809

Status
Status: Active
Annual Report Status: In Good Standing
Qualified: 1/23/1996
Last Report Filed: 12/29/2025
Type: Business Corporation (Non-Louisiana)

Greenman-Pedersen, Inc.

HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State (Continued)



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Name	Type	City	Status
HARDESTY & HANOVER, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names

Business: HARDESTY & HANOVER, LLC
 Charter Number: 40880812Q
 Registration Date: 7/6/2012

Domicile Address
 2711 CENTERVILLE ROAD, SUITE 400
 WILMINGTON, DE 19808

Mailing Address
 1501 BROADWAY, 6TH FLOOR
 NEW YORK, NY 10036

Principal Business Office
 1501 BROADWAY, 6TH FLOOR
 NEW YORK, NY 10036

Registered Office in Louisiana
 3850 N. CAUSEWAY BOULEVARD, SUITE 1625
 METAIRIE, LA 70002

Principal Business Establishment in Louisiana
 3850 N. CAUSEWAY BOULEVARD, SUITE 1625
 METAIRIE, LA 70002

Status
 Status: Active
 Annual Report Status: In Good Standing
 Qualified: 7/6/2012
 Last Report Filed: 6/10/2025
 Type: Limited Liability Company (Non-Louisiana)

Hardesty & Hanover, LLC



Louisiana SECRETARY OF STATE NANCY LANDRY

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Name	Type	City	Status
THOMPSON ENGINEERING, INC., OF LOUISIANA	Business Corporation (Non-Louisiana)	MOBILE	Active

Previous Names

THOMPSON ENGINEERING TESTING, INC. (Changed 3/24/2004)
 Business: THOMPSON ENGINEERING, INC., OF LOUISIANA
 Charter Number: 35019664F
 Registration Date: 12/15/2000

Domicile Address
 2970 COTTAGE HILL RD., STE. 190
 MOBILE, AL 36606

Mailing Address
 P.O. BOX 9637
 MOBILE, AL 36691

Principal Business Office
 2970 COTTAGE HILL RD., STE. 190
 MOBILE, AL 36606

Registered Office in Louisiana
 4937 HEARST STREET
 SUITE 1B
 METAIRIE, LA 70001

Principal Business Establishment in Louisiana
 4937 HEARST STREET, SUITE 1B
 METAIRIE, LA 70001

Status
 Status: Active
 Annual Report Status: In Good Standing
 Qualified: 12/15/2000
 Last Report Filed: 11/17/2025
 Type: Business Corporation (Non-Louisiana)

Thompson Engineering, Inc., of Louisiana

HORIZON ENGINEERING, LLC

20. Certifications/Licenses:

Firm Registrations with Louisiana Secretary of State (Continued)



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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: 7/23/2025
Type: Limited Liability Company

Eustis Engineering 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.	8550 United Plaza Blvd, Ste 702 Baton Rouge, LA 70809	Tim Thomas, PE tthomas@gpinet.com	(813) 830-7782
Hardesty & Hanover, LLC	3850 N Causeway Blvd, Ste 1625 Metairie, LA 70002	Bobby Naghavi, PE bnaghavi@hardestyhanover.com	(504) 962-9212
Thompson Engineering, Inc., of Louisiana	4937 Hearst St, Ste 1B Metairie, LA 70001	Donovan P. Duffy, PE dduffy@thompsonengineer.com	(504) 885-9892
Eustis Engineering L.L.C.	3011 28 th St Metairie, LA 70002	Gwendolyn P. Sanders, PE gsanders@eustiseng.com	(504) 834-0157

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.**