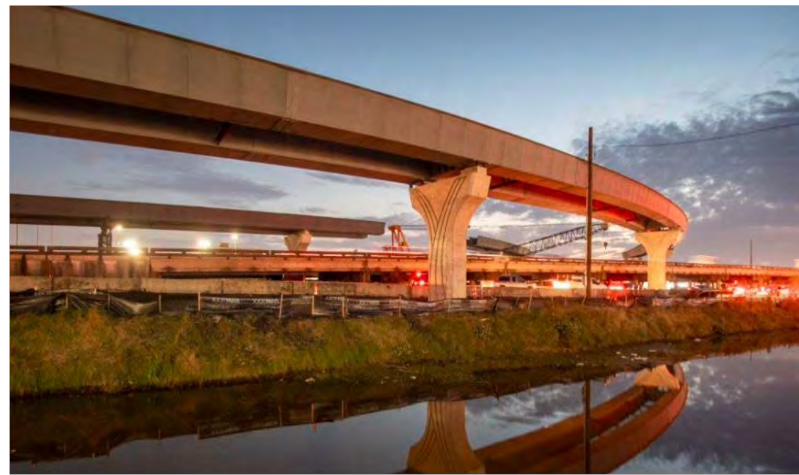




TECHNICAL PROPOSAL

Contract No. 4400034601

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

Providence Proposal #2026-040-148





Sections 1-11

DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	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	CONTRACT NO. 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>)	Providence Engineering and Environmental Group 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.0002504 / VF. 0000648
6. Prime consultant mailing address	1201 Main Street, Baton Rouge, LA 70802
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1201 Main Street, Baton Rouge, LA 70802
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Gary Leonards, PE, Engineering Principal 225-766-7400 garyleonards@providenceeng.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Aimee' Killeen, Company Manager/COO 225-766-7400 aimeekilleen@providenceeng.com

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

Prime consultant: **Providence Engineering and Environmental Group 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.

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)' %:

Aimee R. Killen

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

3/31/2026

Date:



Sections 12-15

12. Discipline Table:

As indicated in the advertisement, insert a complete table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percentage of the contract.

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	Prime Providence Engineering and Environmental Group LLC	Hardesty & Hanover, LLC	Vectura Consulting Services, LLC	GOTECH, INC.	<i>Each Discipline must total to 100%</i>
CE&I/OV	90%	80%	15%	-	5%	100%
ITS	9%	-	-	100%	-	100%
Survey	1%	-	-	-	100%	100%
Percent of Contract	100%	72%	13.5%	9%	5.5%	100%
						

Prime consultant: **Providence Engineering and Environmental Group LLC**



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
	Engineer	1	12
	Inspector - Certified	4	4
	Project Office Manager	1	5
	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
	Supervisor - Eng	2	2
	Engineer	2	5
	Engineer Intern	2	2
	Senior Technician	2	3
	Clerical	1	1

	Principal	1	1
	Engineer	3	8
	Inspector - Certified	3	6

14. ORGANIZATIONAL CHART:



IDIQ CONTRACT FOR CONSTRUCTION ENGINEERING AND INSPECTION SERVICES (CE&I)

Statewide, with Majority of Work in District 62, Contract No. 4400034601

PRINCIPAL

Providence: Gary Leonards, PE

Providence: Providence Engineering and Environmental Group LLC

Vectura: Vectura Consulting Services, LLC

H&H: Hardesty & Hanover, LLC

GOTECH: GOTECH, Inc.

QA/QC

Providence: Gary Leonards, PE

GOTECH: Rhaoul Guillaume, Sr., PE, F.ASCE

PROJECT MANAGER

Providence: Barry Lacy, PE

CONSTRUCTION INSPECTORS/SUPPORT

Providence

Coty Hardy

Joshua Angelloz

Phillip LeBlanc

Timothy Raborn

Dessiree' Price

H&H

James Burkes

Dwayne Lewis

Mor Diao, CMM, PMP

GOTECH

Bruce Dyson, PE, PLS

Nathan Millard

John Poche

Kenneth Prescott

CONSTRUCTION ENGINEERS

Providence

Barry Lacy, PE

H&H

Fred L. Wetekamm, III, PE

Linh Kim, PE

Lance Resendez, PE

Dalton Hunt, EI

GOTECH

Randall Oustalet, PE

James "Drew" Walsh, PE

PMP, CFM

ELECTRICAL & ITS/ TRAFFIC ENGINEERING

Vectura

Sheelagh Brin Ferlito, PE, PTOE

Laurence Lambert, PE, PTOE, PTP

Kristen Farrington, PE, PTOE, RSP1

Reece Rodrigue, PE, PTOE, RSP1

Ronald St. Angelo

David Watkins

H&H

Marco Lara, PE

Kenneth Pecquet, PE

Christopher Aubert, EI

BRIDGE/ MOVABLE BRIDGE CONSTRUCTION PROJECTS

H&H

Travis Kimmins, PE

Matthew Gagliano, PE

Lauren Peytavin, EI

Sean Brock, EI

15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

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	Gary Leonards, PE	Providence	PE #30568- Civil	LA	03/31/2027
2	Gary Leonards, PE	Providence	PE #30568- Civil	LA	03/31/2027
3	Barry Lacy, PE	Providence	PE #26387- Civil Engineer	LA	03/31/2028
4	Barry Lacy, PE	Providence	PE#26387- Civil	LA	03/31/2028
4	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 - Civil Engineer; Environmental Engineer	LA	03/31/2028
5	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 - Civil Engineer; Environmental Engineer	LA	03/31/2028
6	Marco Lara, PE	Hardesty & Hanover, LLC	PE #44115 – Electrical Engineer	LA	03/31/2028
6	Kenneth Pecquet, PE	Hardesty & Hanover, LLC	PE #47471 – Electrical Engineer	LA	09/30/2027
7	Travis Kimmins, PE	Hardesty & Hanover, LLC	PE #43676 – Mechanical Engineer	LA	03/31/2026
7	Matthew Gagliano, PE	Hardesty & Hanover, LLC	PE #37500 – Mechanical Engineer	LA	03/31/2027
6	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PE #25383- Civil	LA	09/30/2027
6	Laurence Lucius Lambert, II, PE, PTOE, PTP	Vectura Consulting Services, LLC	PE #29901- Civil	LA	03/31/2028
4	Bruce Dyson, PE, PLS	GOTECH, Inc.	PE #20162 – Civil PLS #4670 – Land Surveyor	LA LA	03/31/2028 03/31/2028
4	James “Drew” Walsh, PE, PMP, CFM	GOTECH, Inc.	PE #29340 – Civil	LA	03/31/2027
4	Randall Oustalet, PE	GOTECH, Inc.	PE #37680 – Civil	LA	09/30/2027



Section 16

16. Staff Experience:

	Firm employed by PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC		
	Name	GARY LEONARDS, PE	Years of relevant experience with this employer
	Title	Engineering Principal	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		BS / 1998 / Biological Engineering, Environmental Engineering Minor
	Active registration number / state / expiration date		PE.0030568 / LA / 03-31-2027
Year registered	2003	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Project Principal; QA/QC Manager; Meets MPR No.1 & 2.
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).		
27 Years of experience	Gary Leonards, PE, has engineering experience that includes design, studies, regulatory compliance, engineering oversight, field investigations, risk-based evaluations, and closure planning for various types of facilities. Project experience also includes infrastructure improvements such as roadways, drainage systems, levees, water treatment facilities, sanitary sewer systems, pump stations, force mains, landfills, municipal and commercial drainage studies, storm water runoff evaluations, storm water conveyance design, and erosion/runoff control measures. Mr. Leonards has been involved in several components of public transportation projects including environmental studies, project permitting and cost estimating, preliminary line and grade design, and construction quality assurance/quality control; as well as experience in project management, construction oversight, quality assurance and quality control, and water resource, grant management and transportation projects. Prior to joining Providence, he worked in the Solid and Hazardous Waste Division and the Environmental Technology Division at the Louisiana Department of Environmental Quality (LDEQ) and worked for the U.S. Army Corps of Engineers (USACE). Mr. Leonards has prepared various permit applications for wastewater collection and treatment infrastructure. Mr. Leonards has prepared permit modifications, developed closure plans for waste disposal facilities, developed surface water and leachate management solutions, performed hydrogeological investigations, and oversaw geotechnical evaluations including settlement calculations, stability analysis and soil classification.		
11/19-06/24	Principal: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA. Providence was on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence was the third-party Construction Quality Control Firm (CQCF) for the execution of construction to provide utility relocation monitoring and environmental compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current Department of Transportation and Development (DOTD) specification and requirements. Additionally, CQCF supplies an independent testing lab as part of the project’s overall Quality Control requirements. All reports were submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Responsibilities: plan development, monitoring construction, materials collection and testing, construction documentation, and project closeout.		

Prime consultant name: **Providence Engineering and Environmental Group LLC**



02/22-04/23	Principal: IDIQ Contract for CE&I Safety Services; Pesson Elementary Sidewalks Safe Route to School Project, Iberia Parish, LA. This project was a task order under the IDIQ Contract for CE&I Safety Projects. The project proposed the installation of sidewalks and related pedestrian improvements for the Pesson Elementary Sidewalks Safe Routes to School Project, requiring clearing and grubbing, grading, drainage structures, sidewalk construction, and related work. Providence acted as the project engineer, coordinating with DOTD District personnel and the construction contractor, and performed construction engineering and inspection (CE&I) services in connection with the project.
01/23- 02/24	Principal: Independence Safe Routes to School (SRTS) - Phase II Tangipahoa Parish; (Contract No.440015488; SPN H. 010108.6) Providence provided CE&I services during the installation of sidewalks in the downtown area in the City of Independence in Tangipahoa Parish. This CE&I project fell under the DOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project was funded by the Safe Routes to School Federal grant program. Providence's scope of work included general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and DOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling as-builts, submitting final estimates, and processing applicable invoices.
02/23-01/24	Principal: Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services Contract No. 4400015488; SPN H.006499.6 Providence provided CE&I services during the installation of sidewalks near Westdale and Bernard Terrace Elementary Schools in East Baton Rouge Parish This CE&I project fell under the DOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project was funded by the Safe Routes to School Federal grant program. Providence's scope of work included general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and DOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling as-builts, submitting final estimates, and processing applicable invoices. Construction work included the removal of: existing concrete walks, curbs, markings, and fencing; the relocation of concrete wheel stops; excavation and embankment; the installation of: handicapped curb ramps, a concrete walkway, concrete drive, temporary fencing, aggregate surface course stone, reinforced concrete pipe, concrete collars, curb barriers, temporary barricades, sodding, final signage, and pavement striping; and the adjusting of: manholes, catch basins, gas valves, water valves, meter boxes, sanitary sewer house connections, and fencing.

16. Staff Experience:

	Firm employed by: PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC			
	Name	BARRY LACY, PE	Years of relevant experience with this employer	5
	Title	Construction Project Manager	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		B.S. / 1990 / Civil Engineering		
Active registration number / state / expiration date		PE.0026387 / LA / 03-31-2027, ATSSA Flagger (10/28) and ATSSA Traffic Control Supervisor (05/27)		
Year registered	1995	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Project Engineer, Meets MPRs 3 and 4		
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).			
35 Years of experience	Barry Lacy, PE , retired from DOTD in 2020 after 30 years. At retirement, he was the Estimates & Audit Engineer, responsible for payment to contractors and auditing field records. He also served as a Construction Claims Engineer, where he resolved construction issues totaling over \$130M. He was also a Work Zone Engineer, serving on work zone committees and conducted work zone seminars. Mr. Lacy participated in various large-scale construction projects in Louisiana, which included the Gramercy Bridge East and West Approaches and the Crescent City Connection Bridge Approaches. While employed by DOTD, Mr. Lacy was instrumental in the development and execution of the training manuals and modules for the SiteManager (SM) and SiteManager-Materials (SMM) databases.			
09/25-Ongoing	Project Engineer: Contract No. 4400031953; H.012587.6, I-10: W End of BR 290 – W End of LA 415 (CE&I) Route I-10 West Baton Rouge Parish, LA. Providence is providing CE&I services for this project, which includes inspecting clearing, drainage structures, asphalt milling, patching, overlays, and related tasks. Providence is managing preconstruction activities, conducting field inspections, and handling project documentation, including Form 2059s and as-built plans. As the project engineer, Providence will facilitate meetings, oversee timelines with DOTD software, and coordinate utility relocations. Additionally, Providence will conduct material sampling, quality assurance testing, and maintain records of contractual operations, including pay estimates and progress reports. The final documentation will include Form 2059s, as-built plans, and claims monitoring.			
09/25-Ongoing	Project Engineer: Entity Contract No. 4400030129, H.015126.6, Baker Boulevard Improvements (LA 19 to McHugh Road) – Construction Engineering and Inspection (CE&I) Route: LA 19, East Baton Rouge Parish, LA. Providence is providing CE&I services in accordance with DOTD standards, including full-time inspection and contract administration for milling, asphalt overlay, base rehabilitation, traffic control, and erosion control. Maintaining daily reports, monitoring schedules, and managing pay quantities and estimates using DOTD HeadLight/SiteManager. Coordinating with DOTD and the City of Baker and supported closeout documentation, including final estimates and as-built plans.			
12/23-08/25	Project Engineer: Contract No. 4400025536, H.015944, IDIQ CE&I Task Order No. 8, LA 3125 (LA 70- LA 3213), St. James Parish, LA. Providence provided certified inspectors for asphalt operations under the District 61 CE&I IQID contract as a subconsultant to Michael Baker International, Inc. Services included construction inspection for mill/overlay and drainage improvements; maintaining DOTD certifications; completing DWRs and field documentation; performing and documenting materials sampling and testing in accordance with DOTD standards; and monitoring contractor work to ensure compliance with plan lines, grades, and specifications using DOTD software systems.			

01/25-09/25	Project Engineer: Contract No. 4400025536, H.015440.6, IDIQ CE&I Contract Task Order No. 11, LA 69: 0.5 MI North of LA 404 to LA 1, Iberville Parish, LA. Providence provided certified asphalt inspection services as a subconsultant to Michael Baker International, Inc. under a CE&I IDIQ contract. Responsibilities included continuous field inspection of milling, pavement patching, asphalt overlay, and related roadway work; monitoring contractor compliance with plans and specifications; and completing required documentation in accordance with DOTD Contract Administration Manual and HeadLight requirements.
12/23-01/25	Construction Engineer: Contract No. 4400025536; H.013458 IDIQ Contract for Construction Engineering and Inspection Services and Staff Augmentation (CE&I) Task 3 Manchac Acres Road & H H Wilson Road Bridges, Ascension Parish, LA. Providence provided CE&I support to Michael Baker International, Inc., as a subconsultant for the Manchac Acres Road & H. H. Wilson Road Bridge Replacement project. Overview of the scope of work included performing all field inspections, and administrative work according to the DOTD Contract Administration Manual and /HeadLight responsibilities related to construction inspection and material testing. Specific tasks included attending the pre-construction conference for the project, providing continuous on-site support during significant construction activities, management and monitoring of construction contractor's work, maintained daily construction records and time charges, reviewed construction schedules, attended weekly coordination meetings with contractor and work crew, ensured materials and work performed are properly documented according to DOTD standards and procedures using DOTD software systems, and performed project documentation.
09/21- 08/23	Construction Engineer: IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62; (White Castle Sidewalk Safe Route to School Project), Iberville Parish, LA. This DOTD project fell under the IDIQ Contract for CE&I for District 62. The scope of work included CE&I Services for the construction of approximately 0.61 mile of five-foot sidewalk spanning the entrance to White Castle High School. This project was also part of the USDOT Safe Routes to School (SRTS), an approach that promotes walking and bicycling to school through infrastructure improvements, enforcement, tools, safety education, and incentives. Responsibilities: daily inspections operations in accordance with plans and specifications, maintaining construction field records, construction coordination activities, performing all documentation using SiteManager and SiteManager Materials, preparation of change orders as necessary, and project closeout with all necessary documentation.
11/20-06/24	Project Engineer: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA. Providence was on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence was the third-party Construction Quality Control Firm (CQCF) for the execution of the construction and provided utility relocation monitoring and environmental compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current DOTD specification and requirements. Additionally, CQCF supplies an independent testing lab as part of the project's overall quality control requirements. All reports were submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Specific tasks included plan development, monitoring construction activities, materials collection and testing, construction documentation, and project closeout.

16. Staff Experience:

	Firm employed by PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC			
	Name	COTY HARDY	Years of relevant experience with this employer	3
	Title	DOTD-Certified Inspector	Years of relevant experience with other employer(s)	9
	Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		Louisiana Civil Service Certified Professional Trainer; ATSSA Traffic Control Supervisor 08/27; ATSSA Flagger 05/26; DOTD PCC Paving Inspector 10/27; DOTD Asphalt Concrete Paving Inspector/Technician 06/27; DOTD Embankment and Base Course Inspector 06/27; DOTD Nuclear Device Operator; DOTD Structural Concrete Inspector 06/27; DOTD Concrete Field Tester; DOTD Authorized Asphalt Plant Technician; DOTD Authorized Profiler Operator for AMES Profiling Unit; and DOTD Authorized Profiler Operator for DYNATEST Profiling Unit		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		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).			
12 Years of experience	Coty Hardy joined Providence in February of 2022 to manage and inspect CE&I projects. His previous experience includes working at DOTD as a Construction Inspector, District Training Specialist, and State-Wide Training Liaison. Throughout his tenure at DOTD, he was responsible for numerous duties such as managing contracts, reviewing plans, inspecting road and bridge projects, aiding in the management of the Structured Training Program for District 62, and serving as a Training Liaison to all the districts throughout the state of Louisiana. The focus of Mr. Hardy’s job duties was to ensure the proper construction of roads and bridges in accordance with budgetary requirements, schedules, construction plans, and DOTD Standard Specifications, as well as training others.			
11/19-Ongoing	Construction Inspector: DOTD, IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62, State Project No. 004634 (Widening), St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes, LA. DOTD is making improvements to Juban Road (LA 1026) from I-12 to US 190 (Florida Blvd) in Livingston Parish. Oversight of the removal of the existing US 190 and LA 1026 signalized intersection and replacement with a roundabout. Juban Road is being widened to four, 12-foot-wide travel lanes with a 5-foot-wide raised median. In addition, new frontage roads would be constructed parallel to Juban Road east and west of the second roundabout. Curb and gutter with subsurface drainage would be installed along Juban Road and US 190. Providence provided CE&I services for Phase 4, (Utility Relocation) and Phase 6 (Construction) relative to the widening of LA 1026 (Juban Rd.) from I-12 to US 190 in Livingston Parish, installing drainage and curbing, milling and overlaying asphalt, and relocating all utilities within the corridor. The utility relocation coordination and oversight are included in services under this contract.			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



01/23-02/24	Construction Inspector: Independence Safe Routes to School (SRTS) - Phase II Tangipahoa Parish; (Contract No.440015488; SPN H. 010108.6) Providence provided CE&I services during the installation of sidewalks in the downtown area in the City of Independence in Tangipahoa Parish. This CE&I project fell under the DOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project was funded by the Safe Routes to School Federal grant program. Providence's scope of work includes general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and DOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling as-builts, submitting final estimates, and processing applicable invoices.
02/23-01/24	Construction Inspector: Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services Contract No. 4400015488; SPN H.006499.6 Providence provided CE&I services during the installation of sidewalks near Westdale and Bernard Terrace Elementary Schools in East Baton Rouge Parish. This CE&I project fell under the DOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project was funded by the Safe Routes to School Federal grant program. Providence's scope of work included general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and DOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling As-Builts, submitting final estimates, and processing applicable invoices. Construction work included the removal of: existing concrete walks, curbs, markings, and fencing; the relocation of concrete wheel stops; excavation and embankment; the installation of: handicapped curb ramps, a concrete walkway, concrete drive, temporary fencing, aggregate surface course stone, reinforced concrete pipe, concrete collars, curb barriers, temporary barricades, sodding, final signage, and pavement striping; and the adjusting of: manholes, catch basins, gas valves, water valves, meter boxes, sanitary sewer house connections, and fencing.
03/22-06/24	Construction Inspector: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA. Providence was on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence was the third-party Construction Quality Control Firm (CQCF) for construction execution and provides utility relocation monitoring and Environmental Compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current DOTD specifications and requirements. Additionally, CQCF supplies an independent testing lab as part of the project's overall Quality Control requirements. All reports were submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Specific tasks included plan development, monitoring construction activities, materials collection and testing, construction documentation, and project closeout.

16. Staff Experience:

	Firm employed by: PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC			
	Name	JOSHUA ANGELLOZ	Years of relevant experience with this employer	12
	Title	DOTD-Certified Inspector	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		N/A	
	Active registration number / state / expiration date		ATSSA Flagger 05/29; ATSSA Traffic Control Supervisor 09/28; DOTD Concrete Field Tester; DOTD Structural Concrete Inspector 04/26	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			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).			
12 Years of experience	Joshua Angelloz has more than twelve years of experience as a construction project technician. He has overseen drainage installations, water, sewer, and gas main installation, as well as dirt work (embankment and levee), roadway (proof roll, sub-base, base, asphalt, concrete placement, and testing), sidewalks and driveway placements, inspection of forms, and layouts of concrete pours. During concrete form and layout inspections, has reviewed the rebar, baskets, mesh, grade, and emulsion sealant. Mr. Angelloz has also worked with the Nuclear Density Testing of compaction and moisture in all forms of base (dirt, sand, limestone, and asphalt).			
09/25-Ongoing	Construction Inspector: Contract No. 4400031953; H.012587.6, I-10: W End of BR 290 – W End of LA 415 (CE&I) Route I-10 West Baton Rouge Parish, LA. Providence is providing CE&I services for this project, which includes inspecting clearing, drainage structures, asphalt milling, patching, overlays, and related tasks. Providence is managing preconstruction activities, conducting field inspections, and handling project documentation, including Form 2059s and as-built plans. As the project engineer, Providence will facilitate meetings, oversee timelines with DOTD software, and coordinate utility relocations. Additionally, Providence will conduct material sampling, quality assurance testing, and maintain records of contractual operations, including pay estimates and progress reports. The final documentation will include Form 2059s, as-built plans, and claims monitoring.			
12/24-Ongoing	Construction Inspector: Louisiana Bridge Builders, Baseline Pavement Condition Assessment Interstate 10, Access Features, and Structures Calcasieu River Bridge Replacement Project Lake Charles, Calcasieu Parish, LA. Providence conducted surveying and data collection for the assessment of the I-10 travel lanes, shoulders, ramps, and service roads related to the Calcasieu River Bridge Replacement project in Lake Charles, Louisiana. This project requires the compilation of baseline condition information on the pavement and related components. This data is essential for evaluating the I-10 mainline travel lanes and associated ramps and service roads, covering approximately 2.5 miles from the base of the Calcasieu River bridge on both sides.			

01/25-09/25	Construction Inspector: Contract No. 4400025536, H.015440.6, IDIQ .CE&I Contract Task Order No. 11, LA 69: 0.5 MI North of LA 404 to LA 1, Iberville Parish, LA. Providence provided certified asphalt inspection services as a subconsultant to Michael Baker International, Inc. under a CE&I IDIQ contract. Responsibilities included continuous field inspection of milling, pavement patching, asphalt overlay, and related roadway work; monitoring contractor compliance with plans and specifications; and completing required documentation in accordance with DOTD Contract Administration Manual and HeadLight requirements.
11/19- 06/24	Construction Inspector: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA Providence was on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence was the third-party Construction Quality Control Firm (CQCF) for construction execution and provided utility relocation monitoring and environmental compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current DOTD specification and requirements. Additionally, CQCF supplies an independent testing lab as part of the project's overall quality control requirements. All reports were submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Specific tasks included plan development, monitoring construction activities, materials collection and testing, construction documentation, and project closeout.
11/19-Ongoing	Construction Inspector: DOTD, IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62, State Project No. 004634 (Widening), St. Helena, Livingston, St. John, St. Tammany, Tangipahoa & Washington Parishes, LA. DOTD is making improvements to Juban Road (LA 1026) from I-12 to US 190 (Florida Blvd) in Livingston Parish. Oversight of the removal of the existing US 190 and LA 1026 signalized intersection and replacing with a roundabout. Juban Road is being widened to four, 12-foot-wide travel lanes with a 5-foot-wide raised median. In addition, new frontage roads would be constructed parallel to Juban Road east and west of the second roundabout. Curb and gutter with subsurface drainage would be installed along Juban Road and US 190. Providence provided CE&I services for Phase 4 (Utility Relocation) and Phase 6 (Construction) relative to the widening of LA 1026 (Juban Rd.) from I-12 to US 190 in Livingston Parish; installing drainage and curbing, milling and overlaying asphalt, and relocating all utilities within the corridor. The utility relocation coordination and oversight are included services under this contract.
01/18-12/18	Construction Technician: Port of South Louisiana, Resident Inspection for Runway 17-35, St. John the Baptist Parish, LA. Provided a qualified inspector to oversee project construction.
03/10-03/14	Construction Technician: Bayou LaCarpe Drainage Improvements, Location "D" (Magnolia and Barringer Street Subsurface Drainage), Terrebonne Parish, LA. Construction inspection support for the installation of subsurface drainpipes and catch basins, removal and replacement of portland cement concrete, removal and replacement of asphalt, swale excavation, cleaning of existing drainpipes, and connection to existing catch basins.
11/14-05/18	Construction Technician: Hollywood Road (Valhi to LA 182), Terrebonne Parish, LA. Construction inspection support for the design of a divided two-lane roadway with a 30-foot-wide grass median beginning at Valhi Boulevard and transitioning to a two-lane undivided road near Southdown Mandalay Road. The total length of roadway was approximately 6,275 linear feet. Also included in the project was open ditch drainage, turnouts, turning lanes, curbing, cross-drains, 8-foot-wide aggregate shoulders, and striping.

16. Staff Experience:

					Firm employed by PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC				
Name		PHILIP LEBLANC, JR.			Years of relevant experience with this employer			<1	
Title		DOTD-Certified Inspector			Years of relevant experience with other employer(s)			5	
Degree(s) / Years / Specialization					N/A				
Active registration number / state / expiration date					ATSSA Flagger 01/30; ATSSA Traffic Control Technician/Supervisor 01/30; DOTD PCC Paving Inspector 12/30; DOTD Authorized Concrete Field Tester; DOTD Authorized Concrete Paving Inspector/ Technician 11/26				
Year registered		N/A		Discipline		N/A			
Contract role(s) / brief description of responsibilities					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).							
5 Years of experience		Philip Leblanc, Jr. is an experienced Construction Inspector with statewide DOTD project experience, supporting roadway and bridge construction from initial layout through final completion. Mr. LeBlanc has a strong background in verifying grades, elevations, and material placement for roadway and drainage work, ensuring strict compliance with DOTD plans, specifications, and safety requirements. His experience includes conducting field testing and inspections of asphalt and PCC pavement in accordance with DOTD certification standards, as well as hands-on knowledge of concrete, aggregate, piping, and drainage systems gained through DOTD inspections and pipefitting apprenticeship work. Mr. LeBlanc is skilled in coordinating with general contractors, subcontractors, and engineers; reviewing progress estimates, plans, and change orders; and tracking quantities and construction progress within DOTD accounting systems to support accurate reporting, quality assurance, and on-time project delivery.							
01/26-Ongoing		Construction Inspector: Contract No. 4400031953; H.012587.6, I-10: W End of BR 290 – W End of LA 415 (CE&I) Route I-10 West Baton Rouge Parish, LA. Providence is providing CE&I services for this project, which includes inspecting clearing, drainage structures, asphalt milling, patching, overlays, and related tasks. Providence is managing preconstruction activities, conducting field inspections, and handling project documentation, including Form 2059s and as-built plans. As the project engineer, Providence will facilitate meetings, oversee timelines with DOTD software, and coordinate utility relocations. Additionally, we will conduct material sampling, quality assurance testing, and maintain records of contractual operations, including pay estimates and progress reports. The final documentation will include Form 2059s, as-built plans, and claims monitoring.							
09/25-Ongoing		Construction Inspector: Entity Contract No. 4400030129, H.015126.6, Baker Boulevard Improvements (LA 19 to McHugh Road) – Construction Engineering and Inspection (CE&I) Route: LA 19, East Baton Rouge Parish, LA. Providence provided CE&I services in accordance with DOTD standards, including full-time inspection and contract administration for milling, asphalt overlay, base rehabilitation, traffic control, and erosion control. Maintained daily reports, monitored schedules, and managed pay							

	quantities and estimates using DOTD HeadLight/SiteManager. Coordinated with DOTD and the City of Baker and supported closeout documentation, including final estimates and as-built plans.
2017-2022	Construction Inspector: DOTD, Multiple Projects, Statewide, LA. Mr. LeBlanc provided Construction Inspection services for multiple DOTD projects across the state, supporting roadway and bridge construction activities from initial layout through project completion. His responsibilities included verifying grades, elevations, and material placement for roadway and drainage features in accordance with DOTD plans, specifications, and safety standards. He performed field testing and inspections of asphalt and PCC pavement consistent with DOTD certification requirements and maintained detailed daily inspection reports. Throughout these projects, Mr. LeBlanc coordinated closely with DOTD engineers, general contractors, and subcontractors to monitor construction progress, resolve field issues, and maintain project schedules. His experience also included reviewing contractor documentation such as progress estimates, plans, and change orders; tracking quantities and pay items within DOTD accounting systems; and supporting quality assurance and accurate project reporting. His hands-on knowledge of concrete, aggregate, piping, and drainage systems contributed to effective inspection oversight and successful project delivery across a wide range of DOTD transportation improvements.

16. Staff Experience:

	Firm employed by: PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC			
	Name	TIMOTHY RABORN	Years of relevant experience with this employer	<1
	Title	DOTD-Certified Inspector	Years of relevant experience with other employer(s)	25
	Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Flagger 02/30; ATSSA Traffic Control Technician/Supervisor 04/27		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		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).			
25 Years of experience	Timothy Raborn is an experienced Senior Construction Inspector with over twenty-five years of experience in construction inspection and project oversight. Throughout his career, Mr. Raborn has successfully inspected and supported the delivery of multi-million-dollar infrastructure and transportation projects from initial start-up through final completion. He possesses extensive knowledge of specifications, construction standards, building codes, and regulatory requirements. Mr. Raborn is highly experienced in quality assurance and quality control procedures, ensuring that all work is performed in compliance with contract documents, safety standards, and agency regulations. Mr. Raborn works effectively with engineers, contractors, vendors, local officials, and clients to facilitate efficient project execution while maintaining schedule and budget objectives.			
07/25-1/26	Construction Inspector: DOTD S.P. No H.004791.6 LA 23 - Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish, LA. Mr. Raborn served as a Construction Inspector for the Belle Chasse Bridge and Tunnel Improvements project, supporting lead abatement activities as part of this major Public-Private Partnership (P3) infrastructure initiative. The overall project includes replacement of the existing Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge, along with tunnel decommissioning and development of operations and maintenance (O&M) plans. In this role, Mr. Raborn provided construction oversight and quality assurance in accordance with the Construction Quality Assurance Plan. He was responsible for force account documentation related to lead abatement operations, including detailed tracking of time and materials. His duties included daily site observations, photographic documentation, payroll verification, participation in project meetings, development of review comments, and coordination with the LADOTD Project Manager to ensure contractor compliance with P3 contract requirements.			
12/23-01/25	Construction Inspector: DOTD Contract No. 4400023837, S.P. No. H.013090.6, Gretna Downtown Pedestrian Improvements, Jefferson Parish, LA. Served as Construction Inspector providing Construction Engineering and Inspection (CE&I) services for approximately 0.414 mile of sidewalk improvements along LA 18 (4th Street) from Dolhonde Street to Huey P. Long Avenue, and along Huey P. Long Avenue from 5th Street to 4th Street in Gretna, LA. Responsibilities included daily site inspections to ensure compliance with project plans, specifications, and DOTD standards. Oversaw construction activities including clearing and grubbing, pavement patching, installation of concrete sidewalks and pedestrian improvements, traffic signalization upgrades, and associated roadway work. Monitored contractor performance, documented quantities, maintained inspection reports,			

	and coordinated with the contractor, project engineers, and local stakeholders to ensure quality control, safety compliance, and timely project delivery.
2023-2024	Senior Construction Inspector: Lower Comite River Channel Clearing Project, East Baton Rouge Parish, LA This Project includes removing debris and vegetation within the Comite River channel, between Hwy 190 and Hwy 64 (approximately 22 river miles) to reduce flood risk of the watershed and improve drainage conveyance. Mr. Raborn served as a senior construction inspector and was responsible for performing daily on-site inspection reports and tracking quantities of materials removed.
2020-2022	Resident Project Representative: Caminada Headland Back Barrier Marsh Creation (BA-171) Terrebonne Parish. LA. The purpose of the Caminada Headland Back Barrier project was to create approximately 900 acres of coastal habitat. The area was contained by constructing dikes on the west, north, and east of the fill area. Marsh fill was transported to the area via slurry pipeline from the borrow area offshore. Mr. Raborn served as Resident Project Representative for construction administration services being provided to CPRA for the project. This included performing daily onsite inspections, drone flights to capture aerial photography, reviewing design documents, preparing daily inspection reports, and documenting construction progress and observations.
2017-2018	Resident Project Representative: Lost Lake Marsh Creation and Hydrologic Restoration (TE-72), Terrebonne Parish, LA. The Lost Lake Marsh Creation project consists of marsh creation and nourishment using dredged material from Lost Lake, creation of earthen terraces utilizing in-situ material, and the construction/rehabilitation of five water control structures within the Project Area. Mr. Raborn served as a Resident Project Representative for the project. His responsibilities included providing onsite determinations of compliance with the construction plans and specifications, determination of work completed, keeping detailed records of quantities of materials, maintaining weather and working day reports, listing equipment onsite, and reporting contractor's daily activities.

16. Staff Experience:

 Firm employed by PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC				
Name		DESIREE' PRICE	Years of relevant experience with this employer	34
Title		Project Technician II	Years of relevant experience with other employer(s)	16
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			Office Manager	
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).			
41 Years of experience	Desiree’ Price has over 41 years of administration/secretarial experience specializing in all areas of office duties/clerical work, construction administration. She handles the Providence Houma Office working with and assisting in all departments including the engineering department, surveying department, draftsman, project representatives, inspectors, <i>etc.</i> She also assists with the phones along with preparation of specifications, all types of communication letters, emails, engineering contracts, amendments, budgets, construction agreement contracts, application for payments, change orders, field changes, substantial completions, spreadsheets, submittals, daily / weekly reports, proposals, setting up meetings, <i>etc.</i> , and all documents incoming, and outgoing. She specialized in construction administration and worked very closely with Richard Lottinger, Construction Manager, until his retirement. She contacts clients / contractors concerning projects in every aspect when necessary. She assists with clients for elevation certificates and surveying work in preparation of invoicing, collecting payments, etc. She also has worked with permitting for Department of Conservation and Energy (C&E), LDHH, LDOTD, LDEQ, accounts receivables, surveying department, mapping department, etc.			
09/2022-Ongoing	Administrative Duties / Specifications / Bidding - Construction Phase: Terrebonne Parish Consolidated Government, Valhi Boulevard Extension, Equity Boulevard to Savanne Road, Project No. 05-EXT-36, Terrebonne Parish, LA. Design and construction oversight of a 2-lane reinforced Portland cement roadway above limestone base course together with granular sub-base, grass median, open ditch drainage, cross-drains, and other related items. Other work involved jurisdictional determination to determine type and amount of wetlands impacted by roadway and drainage construction. Obtained USACE, C&E, and local Coastal Zone Management permits along with a Water Quality Certification from LDEQ. Assistance with acquisition and processing of mitigation credits from approved mitigation banks necessary to obtain USACE permits. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.			

Prime consultant name: **Providence Engineering and Environmental Group LLC**



09/2018-06/2022	Administrative Duties / Specifications / Bidding - Construction Phase: Private Client, Richard Reulet, Sugar View Estates Subdivision, Phase 1, Vacherie, LA. Work consisted of the construction of a 90-lot residential subdivision consisting of 25-foot-wide Portland cement concrete streets together with subsurface drainage, outfall ditch, water mains, fire hydrants, gravity sewer lines, sewer lift station, wastewater treatment plant, sewer force main, and light standards. The sewer system had to be designed to accommodate Phase 2 of the subdivision yet operated properly while the homes were being built. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.
08/2019-04/2020	Administrative Duties / Specifications / Bidding - Construction Phase: Houma-Terrebonne Airport Commission, Reconstruction of Taxiway Foxtrot, LA. The project is the replacement of taxiway foxtrot, calibration pad, and light fixtures along with striping, joint sealing, and other incidentals. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.
10/2018-06/2019	Administrative Duties / Specifications / Bidding - Construction Phase: Golden Grove Truck Stop Parking Lot Renovations, Gramercy, LA. The project is the removal of 1,430 square yards of existing concrete pavement and 120 square yards of limestone and replacing with 1,550 square yards of 8-inch thick pcc pavement above 6-inch-thick class II base course together with spall repairs, riprap, and miscellaneous items of work. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.
09/2018-03/2019	Terrebonne Parish Recreation District No. 8, Recreation Center, Terrebonne Parish, LA. The project is the construction of a 6-inch-thick concrete parking lot at Donner Community Center which includes a granular base course, site grading, pavement striping, parking bumpers and associated work. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.
04/2015-04/2016	Administrative Duties / Specifications / Bidding - Construction Phase: Asphaltic Concrete Overlay of Patterson Street, Patterson, LA. The project consists of the asphalt concrete overlay of five (5) separate streets together with roadway patching, compacted aggregate shoulders, driveway transitions, cold planning and other items of work in connection therewith. The total length of roadway included within this project is approximately 5,647 linear feet. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.
10/2014-10/2015	Administrative Duties / Specifications / Bidding - Construction Phase: Terrebonne Parish Consolidated Government, Hollywood Road Extension (Valhi Blvd to LA 182), Terrebonne Parish, LA. The proposed project would consist of a divided two-lane roadway with a 30-foot-wide grass median beginning at Valhi Boulevard and transitioning to a two-lane undivided road near Southdown Mandalay Road. The total length of roadway is approximately 6,275 linear feet. Also included in the project is open ditch drainage, turnouts, turning lanes, curbing, cross-drains, 8-foot-wide aggregate shoulders, striping, and other incidental items of work in connection therewith. Responsibilities: Provide preparation of specifications and assist in all phases of project from start to finish in contract and construction administration.

16. Staff Experience:

	Firm employed by: HARDESTY & HANOVER, LLC			
	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.
11/09 - 12/12	S.P. No. 742-36-0008 Earhart Blvd. Roadway Reconstruction – Hamilton Street to Pine Street Project, Orleans Parish, LA – LADOTD: Construction Project Engineer in responsible charge providing construction engineering inspection services for Earhart Blvd. Rehabilitation Project. Directed all aspects of the program which was a complete reconstruction of the roadway and drainage from Hamilton to Fern. 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.

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, LLC			
	Name	KENNETH PECQUET, PE	Years of relevant experience with this employer	7
	Title	Electrical Engineer	Years of relevant experience with other employer(s)	11
	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, LLC			
	Name	TRAVIS KIMMINS, PE	Years of relevant experience with this employer	7
	Title	Senior Mechanical Engineer	Years of relevant experience with other employer(s)	15
	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 Ave. 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 Ave. 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, LLC				
	Name		MATTHEW GAGLIANO, PE	Years of relevant experience with this employer	29
	Title		Senior Mechanical Engineer	Years of relevant experience with other employer(s)	1
	Degree(s) / Years / Specialization		M.S. / 2018 / Mechanical Engineering B.S. / 1994 / Civil Engineering		
	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.e., “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-bascul 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, LLC		
	Name	LINH KIM, PE	Years of relevant experience with this employer
	Title	Civil Engineer	Years of relevant experience with other employer(s)
	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-Builders 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, LLC		
	Name	LANCE RESENDEZ, PE	Years of relevant experience with this employer
	Title	Construction Engineer	Years of relevant experience with other employer(s)
	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.		

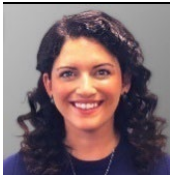
07/22 – 10/23	IDIQ for ADA Design Projects Statewide, LA 1091 US190 Country Club Blvd. Sidewalks , Slidell, LA - LADOTD Engineer Intern responsible for developing plans and specifications for improvement to the current sidewalk features of Robert Blvd. in Slidell Louisiana. Plans were designed and revised 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, LLC			
	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.e., “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.

16. Staff Experience:

	Firm employed by: HARDESTY & HANOVER, LLC			
	Name	LAUREN PEYTAVIN, EI	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, LLC			
	Name	JAMES BURKES	Years of relevant experience with this employer	2
	Title	Construction Inspector	Years of relevant experience with other employer(s)	9
	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. Burk 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-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Burk 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. Burk’s 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, LLC			
	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: 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: 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: 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: 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: 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: 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: 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.
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16. Staff Experience:

	Firm employed by: HARDESTY & HANOVER, LLC		
	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 Ave. Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans: Electrical Inspector for the rehabilitation and partial replacement of the Almonaster Ave. 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, LLC				
	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, LLC				
	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 VECTURA CONSULTING SERVICES, LLC			
Name	SHEELAGH BRIN FERLITO, PE, PTOE	Years of relevant experience with this employer	10
Title	Supervisor-Eng	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization	B.S. / 1988 / Civil Engineer		
Active registration number / state / expiration date	PE. 0025383 / LA 09/30/2027		
Year registered	1993	Discipline	Civil
Contract role(s) / brief description of responsibilities	Supervising Engineer for traffic signal design / inspection, 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).		
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project CEI (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, Louisiana) Brin is the project manager for construction engineering and inspection services for the MoveBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included scheduling the inspectors, reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals . Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.		
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Brin is the lead traffic engineer for the entire New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.		
07/19 – 02/26	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA) Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first Public-Private-Partnership performed by DOTD.		
09/20 – 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA) Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.		
07/18 – 04/19	LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses . The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping,		

	signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street . From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
04/14 – 12/14	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA) As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals . She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as all items on the EBR project closeout checklist.
07/08-09/09	SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA) Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals . She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA) Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout . Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA) Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate . This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA) Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. Staff Experience:

Firm employed by VECTURA CONSULTING SERVICES, LLC				
Name	LAURENCE LUCIUS LAMBERT, II, PE, PTOE, PTP		Years of relevant experience with this employer	10
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010	
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2028	
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Data Collection and Traffic Management Plan Supervisor, 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).		
01/23 – 02/24		H.011504 Alexandria ITS Phase 2 Laurence was the project manager for a System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan for the Alexandria area.		
03/21 – 03/22		H.014513.1 Lafayette Regional ITS Architecture Update Laurence completed an ITS System Inventory, identified all existing and future agreements between stakeholder organizations participating in the ITS operations in the Lafayette region, and updated the strategy for maintaining the regional ITS architecture.		
10/21—03/22		H.013256.5 I-10 ITS Scott to Lake Charles (Lead Traffic Engineer) Laurence was the lead traffic engineer for a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.		
09/18 – 02/19		H.013261.1 I-110 ITS Deployment Systems Engineering Analysis (Project Manager) As a sub-consultant, Laurence was the task leader for the Constraints & Alternatives Analysis as well as the Projects & Procurement Strategy portion of the project. The goal of the project was to deploy Close Circuit Television (CCTV) cameras and one Dynamic Message Sign (DMS) along the I-110 corridor from US 190 to US 61. To communicate with the field devices from the Traffic Management Centers (TMCs), installing fiber optics along the I-110 corridor was recommended. The fiber optics also allow communication to the traffic signals at the interchange ramps along I-110 to the TMC.		
06/12-12/12		Ramp Metering Study of I-10 Segment, East Baton Rouge and Ascension Parishes, Louisiana (Project Manager) Laurence conducted a feasibility study to deploy ramp meters along the Interstate 10 (I-10) Corridor in Baton Rouge between Dalrymple Drive and LA 73. The study consisted of analyzing 17 on-ramps under differing design conditions, which include the following: 2010 Existing, 2012 Without Ramp Meter, 2012 Ramp Meter, and 2012 Ramp Meter with Recommendations. Laurence’s role in this project as project manager was to oversee all QA / QC measures and interpret the results from the model. Laurence coordinated with the local agencies to obtain all current proposed projects in the area, which included DOTD I-10 Widening Project Phases 1 and 2, the Green Light Plan (GLP) Essen Lane Widening Project, and the GLP Highland Road Widening Project.		
07/11 – 07/15		H.4400001465 Retainer Contract for ITS Traffic Incident Management (TIM) Program Transportation Management Centers (TMC’s) Operations Staffing Support and Systems Engineering (SE) Statewide. Laurence was the overall project manager of this multi-year, \$15,000,000 contract that included providing staffing support, developing Standard Operating Procedure Manuals,		

	Traffic Incident Management program support, ramp meter feasibility and design, TMC Concept of Operations, ITS system requirement documentation and Systems Engineering Analysis and Documentation. Laurence coordinated with the DOTD and TMC staff at the following TMC locations: DOTD Headquarters Annex Building, Baton Rouge TMC on Harding, New Orleans, Shreveport, and Houma.
03/10 – 06/10	Bonnet Carre Spillway Speed Study, New Orleans, Louisiana (Project Manager) Laurence analyzed the existing speeds on this facility and various forms of enforcement to ensure safety. Laurence led our efforts for this project, which consisted of a speed study to provide data to the DOTD managers to examine the current speed limit on the Spillway. He investigated other means of speed-limit enforcement, variable speed limits applicability, and managed lane options. 50%, 85%, and 95% speed analyses were performed with the speed data.
08/09 – 12/09	I-12 Ramp Metering Public Outreach, Baton Rouge, Louisiana (Project Manager) Laurence prepared exhibits and 3-D models and facilitated three public meetings to educate the public about ramp metering and its implementation. Several stakeholder meetings were held to educate the elected officials and civic groups. Laurence gave a formal presentation at each meeting to describe the benefits of ramp meters and the project specifics.
07/08 – 07/11	SPN 700-99-0413 Retainer Contract for ITS Transportation Management Centers (Project Manager) Laurence was the overall project manager of this 3-year contract that included providing staffing support, developing Standard Operating Procedure Manuals, Traffic Incident Management program support, ramp meter feasibility and design, TMC Concept of Operations, ITS system requirement documentation and Systems Engineering Analysis and Documentation. Laurence coordinated with the DOTD and TMC staff at the following TMC locations: DOTD Headquarters Annex Building, Baton Rouge TMC on Harding, New Orleans, Shreveport, and Houma.
01/07 – 08/07	I-12 Ramp Metering Study, Baton Rouge, Louisiana (Project Manager) Under the ITS retainer contract, Laurence provided analysis and evaluations of potential ramp metering at six interchanges along this corridor. The scope also included analysis of existing traffic conditions, evaluation of proposed solutions, and creation of micro-simulation models of existing and proposed conditions. An existing micro-simulation model was obtained from DOTD to analyze and visually represent the existing traffic conditions. The existing conditions model was calibrated and used as a base to develop models of ramp metering. Laurence presented the findings to DOTD, including an overview map of the interchange area, a schematic of existing volumes, a Micro-simulation of the existing conditions, a summary table of LOS for existing conditions, micro-simulations of proposed solutions, and a summary table of LOS for each solution. Laurence also submitted a formal report of the findings.
03/06 – 10/06	New Orleans Regional Transportation Management Center SEA (Project Manager) Laurence served as the project manager for the Laurence ITS Design Team that handled the New Orleans Regional TMC project. Laurence provided the Systems Engineering Analysis (SEA) for the operations of the new TMC, which included a conceptual layout of the RTMC data, audio / video, personal computers, and computer equipment including wiring.
04/07-12/07	SPN 737-99-0799 Baton Rouge to New Orleans ITS-TIM Phase 1 Design Build Project (Jefferson and St. John the Baptist Parishes) Laurence was the project manager for an ITS Design-Build project, where he represented the DOTD ITS Section. Laurence was responsible for developing a Systems Engineering Analysis that was used to solicit proposals from Design-Build teams. Laurence also assisted the DOTD ITS Section with the development of the Scope of Services Package (SOSP) that was used during the procurement process.

16. Staff Experience:

Firm employed by VECTURA CONSULTING SERVICES, LLC			
Name	KRISTEN FARRINGTON, PE, PTOE, RSP1	Years of relevant experience with this employer	5
Title	Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engr.	
Active registration number / state / expiration date		PE.0042074 / LA / 3/31/2027	
Year registered	2018	Discipline	Civil
Contract role(s) / brief description of responsibilities		Project Engineer for signal and ITS design / inspection	
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).		
01/25- current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Kristen provided construction engineering and inspection services for the MoveBR Bus Rapid Transit Traffic Signal project involving 19 signalized intersections. Her responsibilities included reviewing signal plans, resolving utility conflicts determined in the field, verifying quantities and pay items, and coordinating with contractors, consultants, and City staff. She reviewed shop drawing submittals, updated plan markups based on field conditions, and participated in regular project and biweekly coordination meetings to ensure design intent, constructability, and documentation accuracy throughout the project.		
12/24- current	University Lakes Restoration (Baton Rouge, LA) Kristen provided construction assistance services for the University Lakes Traffic Signal project. Her responsibilities included reviewing signal plans and confirming proposed pole locations, reviewing shop drawing submittals, and coordinating with contractors, consultants, and City staff.		
04/21 – 4/24	CP No. 16 CI-US-0032 Bus Rapid Transit Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
04/21 – 12/24	CP No. 16 CI-US-0032 Bus Rapid Transit Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.		
05/21 – 06/24	H.013267 Capital Area Pathways Project / Downtown to Scotlandville Parkway Trail Safety Enhancement Study and Pedestrian Hybrid Beacon Design (Baton Rouge, LA) Kristen served as a project engineer to evaluate the recommended street crossing treatments of the trail at eight locations, including three state routes which required DOTD approval. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB’s). Upon completion of the study, Kristen designed the PHBs at four (4) crosswalk locations. Once bid, Kristen provided construction assistance, responding to requests for information from the contractor.		

12/23 - 08/25	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Kristen served as project engineer for the design study and assisted with Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon project, including evaluation of existing conditions, assisting with design, and agency compliance across multiple phases. Responsibilities included: evaluation of existing sight distance, traffic volumes, and spot speed study results to develop recommendations for the safe crossing of pedestrians at this location. She also developed preliminary drawings of crosswalk location based on available right-of-way, assisting with quality control of signal design submittals including equipment, signs, and quantities. Kristen reviewed and submitted shop drawing packages for traffic signal equipment.
7/2022 – 06/2025	I-20: LA 544 Overpass Replacement (Ruston, LA) Kristen served as a project engineer for the development of the Transportation Management Plan for the I-20: LA 544 Overpass Replacement project, as well as the temporary signal design at two (2) locations for seven (7) phases of construction. Kristen assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals.

16. Staff Experience:

Firm employed by VECTURA CONSULTING SERVICES, LLC				
Name	REECE RODRIGUE, PE, PTOE, RSP1		Years of relevant experience with this employer	5
Title	Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			B.S./2013/Civil Engr.	
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2028	
Year registered	2017	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Engineer for signal and ITS design / inspection	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/25 - Current	The Belle of Baton Rouge Casino Hotel (Baton Rouge, LA) Reece supported Construction Engineering & Inspection (CEI) and specification development for roadway and traffic signal improvement. Responsibilities included: • Collaborating with agency staff and consultants to draft and refine technical specifications for traffic signal components, pole assemblies, and installation details. • Reviewing and finalizing traffic signal and pole shop drawing submittals, compiling comments, and coordinating with City staff for approval. • Facilitating pole stakeout meetings and walkthroughs with the contractor, EBR Traffic Engineering Division, and agency representatives to verify constructability and design intent. • Coordinating CAD file transfers and plan adjustments based on field observations, including redlines for mast arm and pedestrian pole locations. • Tracking outstanding submittals and maintaining communication with contractors and project managers to ensure timely resolution. Participating in pre-construction meetings and updates for team members and project stakeholders.			
09/25 – 01/26	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Reece contributed to Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon installation, supporting coordination, documentation, and agency compliance across multiple phases. Responsibilities included: • Participating in preconstruction meetings and coordinating with EBR TED, consultants, and contractors on shop drawing reviews, pole relocation, and drainage concerns. • Reviewing and submitting shop drawing packages, including mast arm, luminaire, and concrete mix designs, while tracking submittal statuses and outstanding items in E-builder. • Collaborating with project stakeholders to troubleshoot field issues such as mast arm placement, curb revisions, and sight distance limitations due to median vegetation. • Preparing redlines and plan revisions for the contractor, updating field book entries, and validating revised quantities and pay items for agency submission. Conducting field visits to observe contractor work and ensure constructability, design intent, and documentation throughout the project sequence.			

03/24 Current	- 16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Reece supported Construction Engineering & Inspection (CEI) efforts for the MovEBR Bus Rapid Transit Traffic Signal project, which encompassed 19 signalized intersections. His contributions included reviewing signal plans for agency compliance, validating pay item quantities, and interpreting field-reported utility conflicts for documentation and resolution. Reece participated in plan markup reviews and shop drawing assessments, ensuring constructability and adherence to design intent.
07/21 Current	- H.007160 EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Reece is part of the team providing Construction Engineering and Inspection (CEI) services for the City-Parish of Baton Rouge. Reece reviewed contractor-submitted traffic signal shop drawings to support the City-Parish's acceptance of manufactured poles, ensuring compliance with specifications and constructability standards. Reece participated in joint field visits with DOTD, City-Parish representatives, and the contractor to verify pole foundation locations prior to installation, directly supporting the owner's oversight role through on-site validation. Additionally, Reece worked closely with City officials and CN Railroad personnel to develop detailed permit plan sets for construction activities near railroad right-of-way, facilitating regulatory compliance and multi-agency coordination.
06/23 – 04/25	H.011507.1 Monroe Phase 3 SEA Reece conducted field visits to the project site to document the controller type and detection needs at each signalized intersection within the project right-of-way.
06/23 – 04/25	H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support Reece was a contributing member of the statewide C/AV team supporting the development of new policies, legislation, and implementation strategies for connected and autonomous vehicle technologies.
01/23 – 02/24	H.011504 Alexandria ITS Phase 2 Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 – 02/23	H.012381.5 ITS Fiber Management System Data Collection Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 – 02/26	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Reece is responsible for designing the temporary traffic signal at the intersection of LA 23 and Engineers Road to accommodate eight distinct phases of construction per anticipated sequence. Temporary pole locations and mounting heights were recommended to support all phases, with clearance interval calculations performed for each phase in accordance with DOTD and ITE guidance. Reece developed the traffic impact analysis portion of the Traffic Management Plan , which informed both temporary and permanent signal timing strategies. Reece also produced the permanent signal plans for the LA 23 intersections at Engineers Road and Burmaster Street, including evaluation of stop bar locations, vehicle and pedestrian clearance intervals, railroad preemption sequencing for both at-grade crossings, wiring layout design, and interconnect planning. Reece reviewed and approved contractor-submitted shop drawings for signal components, ensuring compliance with DOTD specifications and constructability standards. These reviews supported DOTD's oversight role by validating that proposed materials and configurations met design intent and contractual requirements.
01/21 – 05/21	H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes) Reece served as a member of the subconsultant team tasked with reviewing ITS plans for 15 CCTV camera installation sites along I-10. Responsibilities included measuring anticipated construction quantities and producing a detailed cost estimate using DOTD's Bid Tabulation and Cost Estimating Tool. As part of owner verification support, Reece validated that proposed quantities and materials aligned with DOTD standards. This included cross-referencing plan details with bid history to ensure defensible pricing.
09/20 – 12/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish) Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.

16. Staff Experience:

Firm employed by VECTURA CONSULTING SERVICES, LLC			
Name	RONALD ST. ANGELO	Years of relevant experience with this employer	4
Title	Senior Technician	Years of relevant experience with other employer(s)	48
Degree(s) / Years / Specialization	High School Diploma / 1975		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Senior-level Construction Specialist for traffic signals, lighting, and ITS		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/25 – 01/26	23-EN-HC-0019 Bluebonnet Blvd. Mid-Block Pedestrian Crossing (Baton Rouge, LA) Ronnie contributed to Construction Engineering & Inspection (CEI) efforts for the Bluebonnet Pedestrian Hybrid Beacon installation, supporting coordination, documentation, and agency compliance across multiple phases. Responsibilities included: • Participating in preconstruction meetings and coordinating with EBR TED, consultants, and contractors on shop drawing reviews, pole relocation, and drainage concerns. • Reviewing and submitting shop drawing packages, including mast arm, luminaire, and concrete mix designs, while tracking submittal statuses and outstanding items in E-builder. • Collaborating with project stakeholders to troubleshoot field issues such as mast arm placement, curb revisions, and sight distance limitations due to median vegetation. • Preparing redlines and plan revisions for the contractor, updating field book entries, and validating revised quantities and pay items for agency submission. Conducting field visits to observe contractor work and ensure constructability, design intent, and documentation throughout the project sequence.		
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Ronnie provided technical assistance in the field for the Construction Engineering and Inspection of 24 traffic signals . Ronnie assisted with the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Ronnie along with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.		
06/23 - Current	EBR Direct Select Signal Design Phases 1 & 2 (Baton Rouge, LA) Ronnie’s work focused on reviewing and refining signal plans, ensuring all comments and changes were addressed. Responsibilities included developing accurate cost estimates, checking quantities, and working on the signal budget. Ronnie coordinated phasing and splits, discussed power and cabinet locations, and verified plan details through multiple reviews. Field activities involved site visits to inspect ITS cabinets, take quadrant photos, and locate the fiber junction box at Bluebonnet and Celtic. These efforts ensured proper planning, accurate budgeting, and readiness for implementation.		
07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Ronnie is responsible for coordinating and executing tasks related to traffic signal design, fiber optic infrastructure, and city standard details for transportation projects. This includes field inspections of fiber in junction boxes and cabinets at multiple locations such as Bluebonnet, Floynell, Perkins corridors, and other designated sites to verify fiber type and routing. Ronnie collaborates extensively with stakeholders including EBR TED, City BR representatives, DOTD, and contractors to review and update traffic signal plans, pole foundation layouts, and equipment specifications. Duties involve preparing and marking up		

	signal phasing plans, updating pay item lists, and ensuring compliance with city and DOTD standards. Ronnie also participates in meetings to resolve technical issues related to signal pole clearances, luminaire integration, controller cabinet configurations, and pedestrian crossing layouts. Additional responsibilities include reviewing shop drawings, documenting existing trunk lines, and providing input on standard detail revisions for traffic signals and street lighting systems.
04/20 – 02/26	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Ronnie is responsible for reviewing temporary traffic signal plans to ensure accuracy and compliance, which has been done multiple times throughout the project. In addition to plan reviews, Ronnie worked on laying out mast arms for the permanent signal and configuring temporary signal strain poles. Coordination has been a key part of the process, involving collaboration with Reece to address design and implementation details. Ronnie also engaged with the contractor to monitor drilling operations for mast arm foundations and confirm scheduling for drill shafts and concrete pours. These efforts aim to maintain traffic safety and ensure timely installation of both temporary and permanent signal systems.
03/24 - Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) Ronnie is responsible for coordinating and overseeing field and office activities related to signal and streetlight installation for the BRT and corridor improvement projects. Duties include conducting field visits for pole stakeouts, verifying utility conflicts, and laying out pole and signal foundations at multiple intersections along Plank Road and Florida Boulevard. Ronnie manages redlining of intersection drawings, tracks changes, and updates signal quantities based on site conditions. He facilitates bi-weekly meetings, communicates with contractors, utility companies, and manufacturers, and ensures compliance with specifications for pole submittals and foundations. Additional responsibilities include logging daily contractor work, resolving right-of-way and utility relocation issues, and reviewing pay quantities and revised plans. Ronnie plays a key role in coordinating with project stakeholders to address design adjustments, utility conflicts, and installation challenges to maintain project timelines and quality standards.
02/03 – 04/23	Jack B Harper Electrical, LLC (Walker, LA) Ronnie specialized in programming traffic signal controls / ITS equipment and troubleshooting construction issues in the field such as utility conflicts and traffic signal issues. He was a project manager for numerous traffic signal related projects and oversaw a team of field technicians for signal related construction projects. He was an estimator for bidding traffic signal / ITS equipment projects. Ronnie worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal / ITS projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, Ronnie worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Ronnie read and interpreted construction plans to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.
07/75 – 01/03	East Baton Rouge Traffic Engineering Division Ronnie was a certified IMSA Level 1 & 2 Technician while employed at the City of Baton Rouge. Ronnie performed numerous construction tasks in relation to traffic signals within East Baton Rouge Parish. Construction included traffic signal poles, signal heads, signal wiring, vehicle detection, traffic signal controller / cabinet power service. In the earlier part of his career, the traffic signal controllers consisted of mechanical parts. As time progressed, the controller evolved to steady-state technology. In addition, Ronnie performed traffic signal tasks related to maintenance after damage from collisions or extreme weather. While employed in the city, Ronnie was tasked with maintaining over 300 signals that included DOTD intersections. Ronnie started his career at the City of Baton Rouge as a Technician, then Traffic Signal Technician, then Foreman and finally a supervisor. Ronnie was also responsible for programming traffic signal controllers while at the City.

16. Staff Experience:

Firm employed by VECTURA CONSULTING SERVICES, LLC				
Name	DAVID WATKINS		Years of relevant experience with this employer	4
Title	Inspector		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		High School Diploma / 1978		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Senior-level Construction Specialist for traffic signals, lighting, and ITS		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/24 – Current	16-CI-US-0032 Baton Rouge Bus Rapid Transit Project (Nicholson Dr. – Florida Blvd. – Plank Rd.) (Baton Rouge, LA) David performed comprehensive field and office activities focused on power and signal service pole installations along Florida Street, Plank Road, and adjacent intersections. Key tasks include staking out pole foundations, inspecting and photographing power service poles, and coordinating with utility providers and contractors (ATT, Entergy, Gas, Hard Rock, Jack Harper Electric). Field operations covered drilling and forming 30"–48" diameter foundations, resolving utility conflicts (water, gas, fiber), and monitoring concrete pours. Office duties included downloading and labeling photos, updating daily logs, and reconciling quantities for mast arms and foundations. Coordination meetings with team members ensured accurate reporting and scheduling. Work spanned multiple intersections such as Florida St at 22nd, North St, Fuqua St, Pawnee/Fairfield, Chippewa St, Mohican St, Lorraine St, and Dawson St, with activities ranging from utility checks to final foundation installations.			
07/21 – current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) David participated in multiple site and field activities focused on final inspections and verification tasks. Responsibilities included conducting Final Inspection Field Visits, assisting in the development of detailed punch lists, and performing final field verification to ensure compliance with project specifications. Additionally, David supported fiber inspection, track sampling, and reviewed test results during site visits to confirm installation quality and adherence to standards. These efforts were critical in preparing the project for closeout and ensuring all outstanding issues were identified and addressed before final acceptance.			
06/23 – 08/23	H.011507.1 Monroe Phase 3 SEA David spent several days in Monroe conducting field verification and documentation tasks. The primary responsibilities included photographing control cabinets and traffic signal installations to ensure accurate visual records. While David focused on capturing and organizing photographic documentation. After completing the site work in Monroe, David returned to the Baton Rouge office, finalized photo transfers. These activities supported quality assurance and project closeout requirements.			
11/06 – 02/23	Jack B Harper Electrical, LLC (Walker, LA) David worked extensively throughout the state of Louisiana on hundreds of local, state, and federally funded traffic signal projects, to include major metropolitan areas, such as Greater New Orleans, Baton Rouge, and Lafayette. During this time, David worked on projects that built intersections from the ground up, to include base / signal installation, signal control electrical installation, and signal termination. Read and interpreted blueprints to ensure proper installation requirements were met for span wire and mast arm installation. Extensive experience in installing all forms of traffic			

	signals during all construction phases. He also assisted site inspectors with confirming mast arm foundation locations; electrical inspection / reporting; drawing reviews; change requests; and verifying controller data collection and timing checks.
03/01 – 10/06	Dave's Electric (Denham Springs, LA) David conducted electrical work on numerous residential and commercial job assignments. He was responsible for installing all wiring and electrical components as directed by site blueprints; installed all circuits and electrical items during multi-phasal construction projects (i.e rough-in; trim-out); conducted final walk-through inspection; completed punch list items as required. David was also assigned as site lead during most job assignments.
01/96 – 04/01	Diamond Electric Company, Inc. (Baton Rouge, LA) David performed duties as a Traffic Signal Technician Level I that included technical work in the construction, installation, maintenance, and repair of traffic signal systems. David also developed the ability to read and interpret blueprints during this time. Maintained electrical experience while working on roadways requiring traffic control. David also performed technical tasks to maintain and install all traffic signals, signal systems, signs, and associated traffic equipment. He delivered and set-up barricades for work zones, detours, and other areas in need of barricades; assisted with traffic control as needed. David performed related technical tasks; worked with contractors on the installation and relocation of traffic signals and components.

16. Staff Experience:

Firm employed by: GOTECH, Inc.				
Name	BRUCE DYSON, P.E., P.L.S.		Years of relevant experience with this employer	31
Title	Engineering & Surveying Manager		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization			Bachelor's-of-Science / 1978 / Civil Engineering	
Active registration number / state / expiration date			P.E. License No. 20162 / LA / 3-31-2026; P.L.S. License No. 4670 / LA / 3-31-2026 Traffic Control Technician – ATSSA Expires 06/21/2026 Traffic Control Supervisor – ATSSA Expires 06/22/2026 Registered Flagger – ATSSA Expires 08/04/2026	
Year registered	1982; 1992	Discipline	Registered Professional Civil Engineer; Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			Project Engineer, Meets MPR 4	
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).			
Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control. Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage & Water Board.				
06/24 – present	LA DOTD: 4400026910: IDIQ Contract for the Design of Safety Projects with Majority of Work in Districts 02, 61 & 62 Statewide – Judge Tanner Blvd Sidewalk Survey Mr. Dyson was the project manager for a topographic survey in Slidell, Louisiana. GOTECH survey crews performed a survey of the future sidewalk area between the westbound gutter line and the apparent right-of-way line. The project area was approximately 1,700 feet long. Ground features were surveyed to identify contours at the site, all in accordance with the DOTD survey manual requirements. GOTECH was a Subconsultant to Digital Engineering & Imaging, Inc.			
11/22 – 06/23	LA DOTD: 4400017069: Louisiana Watershed Initiative (LWI) Modeling Contract Region No. 3 Mr. Dyson was the project manager for the Region 3 Master Drainage Plan Project. GOTECH served as a subconsultant to WSP in Region 3. The work included 105 stream cross sections and 164 structure surveys.			
09/21 – 08/22	LA DOTD: 4400017068: Louisiana Watershed Initiative (LWI) Modeling Contract Region No. 2 Mr. Dyson was the project manager for the Region 2 Watershed Initiative Project. GOTECH field crews provided topographic and bathymetric surveys in North Louisiana as a part of the master drainage plan work. Over 135 structures were surveyed and over 150 miles of streambeds were surveyed as part of the modeling efforts.			
04/15 – 09/19	LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA - Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support			

	parcel acquisition required for design of a new road roundabout in Thibodeaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.
10/17 - 03/18	LADOTD Contract No. 4400002746; State Project No. H. 012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA – Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.
02/14 - 11/16	LADOTD Project No. H.007855: LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
10/12 - 12/14	LADOTD Project No. H.009276: I-10 (LA 30 to LA 22), Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.
09/07 - 09/13	LADOTD Project No. 704-92-0036 & 704-92-0037: New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005 - Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.
02/06 - 08/11	LADOTD Project No. 052-02-0024: John James Audubon Bridge Design/Build Project, St. Francisville, LA – Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of a mainline and sideroad network were designed by GOTECH. The project involved intersection designs, drainage analysis, alignment geometric designs, profile/grade analysis and cost estimating.

16. Staff Experience:

Firm employed by: GOTECH, Inc.				
Name	RHAUL GUILLAUME, SR., P.E., F.ASCE		Years of relevant experience with this employer	45
Title	President		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Bachelor-of-Science / 1971 / Civil Engineering; Bachelor of Arts / 1971 / Mathematics		
Active registration number / state / expiration date		P.E. License No. 20083 / LA / 9-30-2026		
Year registered	1982	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		QA/QC Manager		
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).			
Mr. Guillaume, as principal of GOTECH, Inc. supervises all corporate activities to include project management for all contract requirements. Mr. Guillaume’s also include client liaison, project budgeting, manpower assignments, contract administration, design supervision, production of contract documents and quality control. Mr. Guillaume is an experienced civil engineer with a background in hydrographic, topographic and control surveying, project management and estimating.				
08/19 – Present	LA DOTD - I-10 / Loyola Interchange Improvements (4400017006; H.011670) Mr. Guillaume is the client liaison and is overall responsible for providing the required engineering and inspection services for the project. GOTECH is a Subconsultant of GEC.			
11/24 – 07/25	LA DOTD – LA 24 & LA 306: Company Canal Bridge (SPN: H.001498.6) Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and inspection services for the project. GOTECH was a Subconsultant of Hardesty & Hanover, LLC.			
11/22 – 06/23	LA DOTD: 4400017069: Louisiana Watershed Initiative (LWI) Modeling Contract Region No. 3: Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to WSP Consultants.			
09/21 – 08/22	LA DOTD: 4400017068: Louisiana Watershed Initiative (LWI) Modeling Contract Region No. 2: Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to Freese & Nichols (FNI).			
10/14 – 12/19	LADOTD Retainer Contract for Construction Engineering Management & Staff Augmentation Services (Contract No. 4400004729) — District 03 (Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes, LA): Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering and inspection services for the project. GOTECH was a Sub-Consultant to GEC, Inc.			
04/15 – 09/19	LADOTD Contract for Engineering and Surveying Services (Contract No. 4400004485; Project No. H.009320) – Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA: Mr. Guillaume is overall responsible for providing the required services for the project. GOTECH serves as Sub-Consultant to Hartman Engineering.			

Prime consultant: **Providence Engineering and Environmental Group LLC**



02/09 - 08/12	LADOTD I-12 Widening Design-Build, East Baton Rouge & Livingston Parishes, LA (Project No. 454-01-0047 & 454-02-0025): Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to James Construction Group.
02/06 - 05/11	LA DOTD John James Audubon Bridge Design / Build Project, St. Francisville, LA (Project No. 052-02-0024): Mr. Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to Audubon Bridge Constructors.

16. Staff Experience:

Firm employed by: GOTECH, Inc			
Name	NATHAN MILLARD		Years of relevant experience with this employer
Title	Certified Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	Associate Degree in Drafting & Design / 2001 Certified Traffic Control Supervisor – ATSSA Expires 07/12/2027 Registered Flagger–ATSSA Expires 08/08/2029 LA DOTD - LPA CE&I Training (Parts 1-9) on 05/10/2025 LA DOTD Portland Cement Concrete Paving Technician Expires 02/28/2029 LA DOTD Structural Concrete Inspector/Technician Expires 08/06/2026 LA DOTD Embankment & Base Course Inspector Expires 11/06/2028 LA DOTD Authorized Nuclear Density Operator LA DOTD Profilograph Evaluator LA DOTD Authorized Density Tester		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		DOTD Certified Inspector	
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).		
Mr. Millard has seven years of experience with the LA Department of Transportation and Development as an inspector of roadway and bridge construction according to state standards and specifications. Mr. Millard’s duties will include surveying, layout, sampling, and testing materials, book and record keeping throughout the construction process.			
05/20-09/21	LA DOTD – IDIQ Denham Springs Rd Signing & Striping (CE&I): Livingston Parish, Louisiana (4400013851; H.013532) Mr. Millard served as a certified inspector for the Signing and Striping project. The local road safety upgrade project was located in Tangipahoa Parish. GOTECH provided services as a subconsultant to C.H. Fenstermaker & Associates, LLC on the DOTD project that included site inspections, equipment verification and submittal of material samples in the district testing laboratory. GOTECH also provided as-built plans for the completed work.		
05/18-03/20	LA DOTD - Design Build Construction Support Services I-10: Highland Road to LA 73 Route I-10: East Baton Rouge Parish and Ascension Parishes, Louisiana – CE&I (4400004915; H.009250.6) For the I-10 Highway construction project, Mr. Millard provided inspection services as a certified structural inspector and as a certified concrete paving inspector. Working as a subconsultant to Volkert, Inc., GOTECH provided the inspection services for the entire project limits of over 6 miles in length. Mr. Millard also obtained density readings for the soil cement road base course using a nuclear density testing device.		

03/11–06/19	City of Baton Rouge / East Baton Rouge Parish Program Management Services for Transportation & Street Improvement Program “Green Light Plan” GOTECH participated in the Green Light Plan as a member of the Project Management Team. Under the leadership of CSRS, Inc., GOTECH supplied engineering project managers, a Director of Engineering, CAD drafting services, scheduling, cost estimating, construction inspectors, and a Senior Program Advisor for the team. Mr. Millard was the on-site inspector for the Foster Road Green Light project. He conducted construction site inspections during the contractor’s activities. He reviewed schedules, manpower, daily reports, quality control issues and overall job progress.
09/17-06/18	LA DOTD – Julia Street Overlay and Widening Project - Denham Springs: Livingston Parish, Louisiana – CE&I (H.011248) Mr. Millard served as the project field inspector for GOTECH on the Julia Street Overlay and Widening Project. The project included the milling of the existing asphalt pavement in the initial phase of construction. Subsequent activities involved in-place cement stabilization of the base course and the asphalt surface treatment interlayer placement. The asphalt wearing course was constructed to complete the project. Mr. Millard provided daily project observations at the site to ensure compliance with the project plans and specifications working as a subconsultant to C.H. Fenstermaker & Associates, LLC. GOTECH provided daily reports, inspection of traffic controls and coordination of site testing.
03/11–08/12	LA DOTD - I-12 Widening Design/Build O’Neal Lane to Walker: East Baton Rouge Parish and Livingston Parish, Louisiana (454-01-0047 & 454-02-0025) For the I-12 Widening Project, GOTECH provided inspections services during the construction phase of the project. Mr. Millard was the certified structural inspector for the project that was 9 miles in length, extending from O’Neal Lane (East Baton Rouge Parish) to Walker (Livingston Parish). Mr. Millard coordinated the utility relocation work, surveying services and construction inspection for the interstate highway project.
07/04-03/11	Previous experience included 7 years of construction inspection for the LA DOTD. Mr. Millard’s duties included inspection of roadway and bridge construction according to state standards and specifications.

16. Staff Experience:

Firm employed by: GOTECH, Inc.				
Name	RANDALL OUSTALET, P.E.		Years of relevant experience with this employer	7
Title	Project Manager		Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization		Bachelor of Science / 1985 / Civil Engineering		
Active registration number / state / expiration date		37680 / LA / 09-30-2027		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Project Engineer, Meets MPR 4		
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).			
Mr. Oustalet is a Professional Civil Engineer, registered in the State of Louisiana, with over thirty-five years experience in responsible charge of Construction Engineering & Inspection (CE&I) projects. He has experience working as a Project Engineer and Construction Manager for Architectural and Engineering projects. He has worked on many DOTD CE&I projects and is well versed in Site Manager and HeadLight. He also worked on-site at the USACE New Orleans District's Leake Avenue in the Construction Division, Contract Administration, Structures Branch, for USACE Construction Management and Related Services Contract. He is versed in structural concrete, steel construction, and drainage pump stations.				
11/24-07/25	LA DOTD – LA 24 & LA 306: Company Canal Bridge (SPN: H.001498.6) This was a \$28 million project for the replacement of a moveable bridge over the Bayou Terrebonne. GOTECH was a subconsultant to Hardesty & Hanover, LLC for CE&I, and Mr. Oustalet completed the “2059” for this project. He ensured the proper Quality Assurance documentation was completed for the project. He generated the Summary of Test results, following the check lists and ensured completion of all required documentation for the project to be closed out. He checked all documentation that was recorded in Headlight and Site Manager, as well as checked the As-Built to make sure they were completed. He checked Sampling Plans, Errors and Omission Reports, Disposition of Falling Samples, Mix Designs, all Independent Sampling and Testing Reports, and all Change Orders to make sure everything was properly documented and recorded in Site Manager for project closeout.			
1995-2024	Meyer Engineers, Ltd., Metairie, LA (Prior work history) Mr. Oustalet served as Construction Manager for Capital Improvement projects for Jefferson Parish, DOTD, USACE and other municipalities. His duties included working as Project Engineer responsible for processing change orders, reviewing monthly pay estimate, reviewing submittals, RFIs and other associated responsibilities. He also performed closeouts at Project Engineer for DOTD projects including reviews of 2059 testing procedures, change orders through DOTD Site Management Program as well as processing change orders and updating quantity field books, both handwritten and electronic.			
05/22-10/23	State Project No. H.014048.6: S. Tangipahoa Roads – Pavement Rehab (CE&I), Tangipahoa Parish: Project Engineer for the Construction Engineering and Inspection Services which includes milling of 8” minimum depth patching, milling of 2” existing roadway, overlay with 2” superpave asphaltic concrete, striping, and related work.			

05/23-10/23	State Project No. H.006457: Roundabout at PR 929 and Parker Roads, Ascension Parish: Project Engineer 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. Construction Cost: \$2.4M (EST)
07/23-10/23	State Project No. H.006459: Roundabout at Churchpoint and Roddy Road, Ascension Parish: Project Engineer 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. Construction Cost: \$2M (EST)
05/17-06/20	State Project No. H.007175: Lapalco Boulevard (Victory – Westwood), Jefferson Parish: Project Engineer for the Construction Engineering and Inspection Services which included widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work also included clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. Construction Cost: \$6.9M
03/19-11/19	State Project No. H.012783.6: WB Veterans: Severn Avenue – Clearview Parkway, Jefferson Parish: Project Engineer for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planning asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures. Construction Cost: \$2.8M

16. Staff Experience:

Firm employed by: GOTECH, Inc.				
Name	JOHN POCHE		Years of relevant experience with this employer	12
Title	Certified Inspector		Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		• Traffic Control Technician – ATSSA Expires 07/08/2029 • Traffic Control Supervisor – ATSSA Expires 07/10/2029 • Registered Flagger–ATSSA Expires 06/14/2029 • LA DOTD Structural Concrete Inspector Expires 11/01/2027 • LA DOTD Asphalt Concrete Paving Inspector Expires 03/27/2026 • LA DOTD Asphalt Concrete Plant Inspector Expires 03/30/2026 • LA DOTD PCC Paving Inspector Expires 11/11/2027 • LA DOTD Authorized Profilograph Operator • LA DOTD Authorized Profilograph Evaluator • LA DOTD Concrete Field Tester • LA DOTD – LPA: CE&I Training (Parts 1-9) on 05/21/2025		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		FIELD INSPECTOR		
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 <u>years of experience</u> specified in the applicable MPR(s).			
Mr. Poche’s position at GOTECH is Field Inspector. His duties include direct responsibility for monitoring, documenting and recording construction contractor quality control of materials and activities, project progress and quality of work.				
03/12–Present	Construction Inspection Support Annual Contract–SSO Program Inspection, East Baton Rouge Parish, LA Mr. Poche was the Senior Inspector for the Construction Inspection Program for Baton Rouge’s Sanitary Sewer Overflow (SSO) Program. Mr. Poche coordinated over 10 GOTECH inspection personnel that are assigned to construction or rehabilitation projects on pump stations, sewer, forcemains, and gravity sewer lines.			
07/20-07/22	LA DOTD - IDIQ Contract for CE&I for Safety Projects Statewide with a Majority of work in Districts 02, 61, and 62, Task Order: H.013271 Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish, LA. As Lead Inspector, Mr. Poche was responsible for inspection and materials sampling and testing per the approved sampling plan, including signing, thermoplastic striping, and solar flashing beacons. He was the on-site point of contact between the contractor and Project Engineer. He was responsible for identifying field discrepancies, completing daily diaries in SiteManager, entering material sample information into SiteManager Materials, and assuring the project was built in accordance with approved plans, special provisions and standard specifications. Mr. Poche obtained all project material documentation for 2059 throughout the duration of the project so as to meet the 30-day submission requirement.			

05/18-10/22	Sales Tax Street and Road Rehabilitation Program Construction Supervision and Inspection, City of Baton Rouge/ERB Parish Mr. Poche provided inspector services for the Road Overlay and Repair project. GOTECH, Inc. provided Construction Inspectors and a Chief Inspector to perform inspection of street rehabilitation construction services for the City of Baton Rouge for over 20 years. Duties included setting up and maintaining project records system, production of partial and final estimated and plan changes, ensuring adherence to plans and specifications and the performance of field tests. The overall program has rehabilitated (asphalt overlay or reconstituted) over 1,500 miles of streets/roads.
02/09-08/12	LA DOTD - I-12 Widening Design/Build O'Neal Lane to Denham Springs – SPN: 454-01-0047 & 454-02-0025 Mr. Poche was assigned to the GOTECH QA/QC team as a senior inspector. GOTECH provided construction inspection monitoring the construction of the roadway bridges and overpasses. The I-12 widening project consisted of expanding the interstate roadway to three travel lanes in each direction for a distance of approximately nine miles. The project extended from the O'Neal Lane intersection in EBRP to the Denham Springs exit in Livingston Parish.
02/06-08/11	LA DOTD - John James Audubon Bridge Design/Build, St. Francisville, LA Mr. Poche was assigned as a senior construction inspector performing QA/QC inspection services for the Mississippi River Bridge Design and Build project located in St. Francisville. The Audubon Bridge project is being conducted as a design/build project for the Louisiana Department of Transportation and Development. The bridge will be a cable-stayed structure that crosses the Mississippi River north of Baton Rouge. It replaces a centuries-old ferry route that links Pointe Coupee Parish and West Feliciana Parish. At a length of 1,583 feet, the main span will be the longest in North America. GOTECH provided engineering design of the approach roadway network on the west (Pointe Coupee Parish) side of the river.

16. Staff Experience:

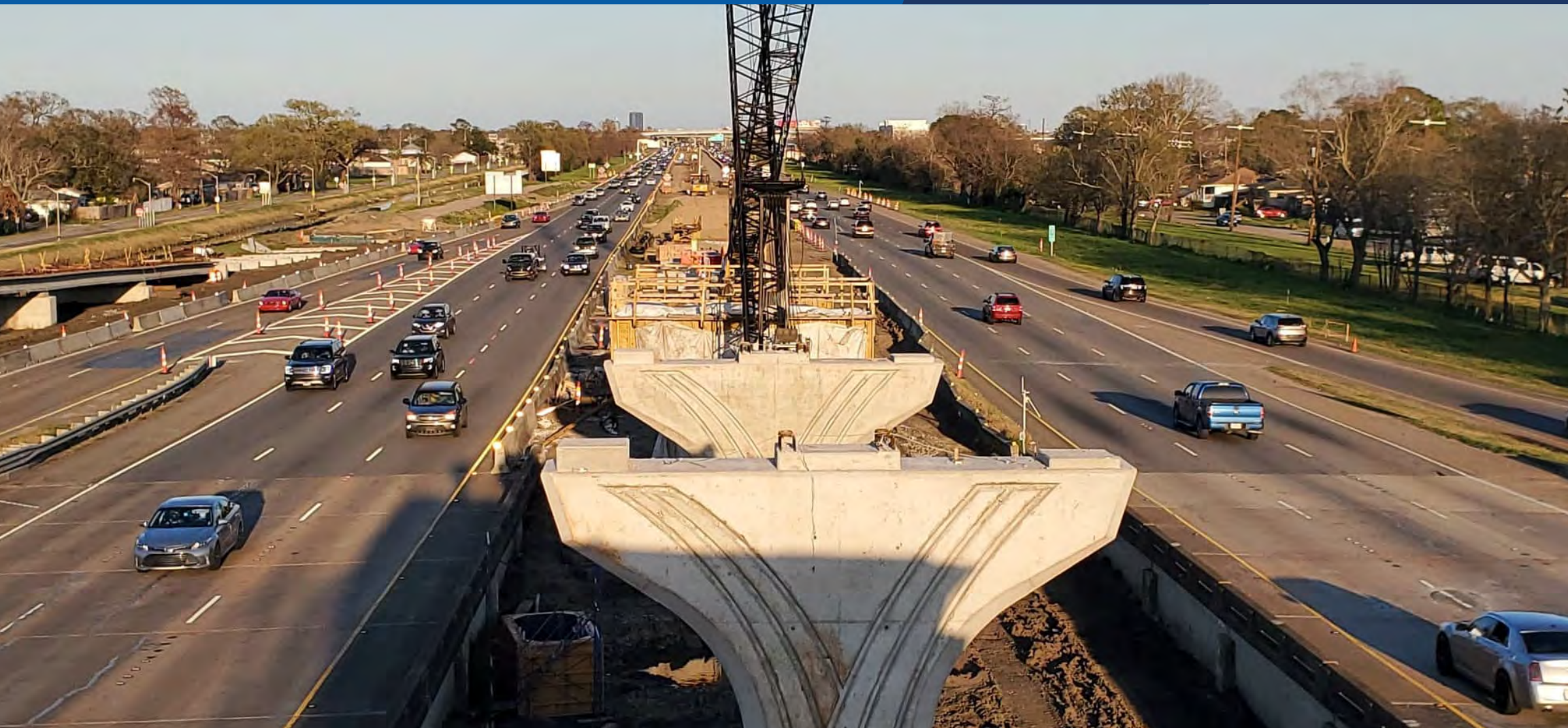
Firm employed by: GOTECH, Inc.			
Name	KENNETH PRESCOTT	Years of experience with this firm/employer	16
Title	Certified Inspector	Years of experience with other firm(s)/employer(s)	35
Degree(s) / Years / Specialization		Associate Degree in Civil Engineering & Technology / 1972 Traffic Control Supervisor – ATSSA Expires 09/06/2027 Registered Flagger – ATSSA Expires 04/25/2027 LA DOTD Certified Portland Cement Concrete Paving Inspector Expires 08/03/2027 LA DOTD Embankment & Base Course Inspector Expires 02/22/2027 LA DOTD – LPA: CE&I Training (Parts 1-9) on 05/10/2025	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Certified Inspector	
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 <u>years of experience</u> specified in the applicable MPR(s).		
Mr. Prescott is certified by the Louisiana DOTD in the inspection of specific construction materials and/or activities.			
03/21-Present	LA DOTD - Runway13-31Safety Area and RPZ Improvements – PH I AIP 3-22-0006-1110-2018 (H.013690) Mr. Ken Prescott is the Certified Inspector for the re-routing of Plank Rd at EBR Airport to make room for the new safety area and RPZ improvements. This new route is being built to DOTD specification with FFA funds and will be returned to the State when completed.		
10/09–10/22	Sales Tax Rehabilitation Road Program – City of Baton Rouge Mr. Prescott served as an Asphalt Paving Inspector for the long-standing Road Improvement Program in Baton Rouge. His duties included independent record keeping, preparations of reports for inspection and testing, interpretations of plans and specifications and observation of construction activities to check for adherence to safety practices and requirements.		
02/19-08/20	LA DOTD - LA 347 to Atchafalaya Floodway Bridge I-10 Widening and Reconstruction, St. Martin Parish (4400004729; H.003014) Mr. Prescott was on-site for the above project as Structural Concrete Inspector. The project included full-depth replacement of the pavement within the existing lanes, widening the westbound pavement surface, and installing concrete median protection. Mr. Prescott witness and documented the Epoxy Urethane Overlay as per specification which was used during the widening of I-10.		
08/17-05/18	LA DOTD - LA Hwy 1 Corridor Pathway Proposal ‘JOLIET’ Pathway – Stage 0 – Brusly, West Baton Rouge Parish; CMAQ Proposal WBR-3 MULTI-USE TRAILS, PHASE 1-B (WBR) (H.010768) Mr. Ken Prescott was the Inspector on the above project which included quality assurance, construction inspection, material sampling, inspection of the erosion control measure as well as ensuring compliance with the Contractor’s Storm Water Pollution Prevention Plan (SWPPP). Mr. Prescott maintained daily records and assessing construction time charges by filling out daily reports		

	to record the activities of the Contractor for each day. Mr. Prescott also had to verify the river stage every day to ensure that the river level was below a certain footage downstream. Mr. Prescott is a LADOTD Certified Inspector in Asphaltic Concrete Paving and Embankment and Base Course.
02/09 – 08/12	LA DOTD - I-12 Widening from O’Neal to Denham Springs (454-01-0047 & 454-02-0025) Mr. Prescott served as an inspector on the \$100 million-dollar State Project of I-12 widening from O’Neal Lane to Denham Springs. His duties were Concrete Paving inspection of Interstate 12 for six miles east bound. Mr. Prescott performed these duties entirely at night. He prepared daily reports and witness testing of cylinder strength for early breaks to allow traffic to roll as soon as they obtained minimum strength.

16. Staff Experience:

Firm employed by: GOTECH, Inc.				
Name	JAMES "DREW" WALSH, P.E., PMP, CFM		Years of experience with this firm/employer	7
Title	CE&I Manager		Years of experience with other firm(s)/employer(s)	22
Degree(s) / Years / Specialization		Bachelor of Science / 1996 / Environmental Engineering / United States Military Academy, West Point, NY Master's in Business Administration / 2003 / Louisiana State University		
Active registration number / state / expiration date		29340 / LA / 3-31-2027 Project Management Professional / Certification # 231196 / 2019 ASFPM Certified Floodplain Manager / Certificate No. US-21-12010 / 2021 NABCEP Certified PV Installation Professional / Certification # PV-102415-003096 / 12/2015 • Traffic Control Technician – ATSSA Expires 04/04/2027 • Traffic Control Supervisor – ATSSA Expires 04/05/2027 • LA DOTD – LPA: CE&I Training (Parts 1-9) on 05/07/2025		
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer, Meets MPR 4		
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).			
Mr. Walsh is a talented leader and engineer with 20+ years' experience. Mr. Walsh is an Engineer at GOTECH who specializes in Project Management, Hydraulics, Hydrology, Utility Coordination and Site Engineering. Mr. Walsh has a broad base of experience on engineering projects across Louisiana in a variety of settings. He has done SUE investigations on many projects involved with, including LA DOTD roadway projects, sewer rehabilitations, sight development, drainage improvements and other civil projects.				
02/19-Present	Pointe-Marie: A New Village, Baton Rouge, LA Mr. Walsh is currently the project manager and lead engineer for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the design of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and working on Phase II. Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States. Mr. Walsh developed a Hydraulic Model for the 120ac Pointe-Marie development to Master Plan the drainage. From the model, developed construction plans for 5 drainage projects that will improve the drainage for this development.			

07/12-02/19	Veteran Contractors, LLC Mr. Walsh is the Owner and Operator of Veteran Contractors, LLC. He is responsible for managing projects and the oversight, performance and outcome of work done by Veteran Contractors, LLC. Work included the installation of residential solar systems for over 2,000 homes. PosiGen Solar Installer – Designed systems and did layout drawings for nearly all installed systems, stamped layouts and wind load certifications.
08/11-07/12	Royal Engineers & Consultants Mr. Walsh was Senior Project Engineer/Service Line Director – Head of Civil Engineering, managing projects, personnel, resources, stakeholders, schedules, and budgets on a wide variety of projects. Worked on Canal Crossings in St. Bernard Parish, Grants Management in Orleans Parish, Sewer Pump Stations in Orleans Parish, performing engineering, design and construction.
08/08-08/11	US Army Corps of Engineers, Hurricane Protection Office Mr. Walsh was Senior Project Manager for Permanent Canal Closures and Pumps. This was a \$700M project for three pump stations and closures for the 17th Street, Orleans Ave and London Ave Canals. Managed the writing of the Request for Proposals (RFP), the completion of the Environmental Report, gaining the Partnership Agreement with the Non-Federal Sponsor, Orleans Parish Sewage and Water Board, CPRA, SLFPA-E and the Orleans Levee District, and the advertisement of the project. I was working on finalizing the real estate acquisition and preparing for the project kickoff and outlining the requirements of the Government's involvement. I was part of the selection committee during the initial selection of the contractor.
07/06-08/08	Stuart Consulting Group Mr. Walsh was Project Manager, US Army Corps of Engineers, Hurricane Protection Office. Managed projects from engineering, design, production of plans and specifications by an A/E, through advertisement, award and construction. These projects were done to repair damage caused by Hurricane Katrina to Orleans, Jefferson, St. Bernard and Plaquemines Parishes Pump Stations, totaling over \$100M. Coordinated with the following the levee districts as part of this project, Orleans, Pontchartrain, Lafourche, East and West Jefferson, Algiers and Lake Borgne, and was presenting to them and attending meetings as they were forming into SLFPA-East and SLFPA-West after Hurricane Katrina as well as CPRA. Also managed the \$240M Orleans Parish Non-Federal Pump Station Storm Proofing Project from inception to construction.
07/96-07/06	Shread – Kuyrkendall & Associates, Inc. – Civil / Hydrologic / Hydraulic Engineer • Pump Station Projects (LaPlace, LA) – Performed hydrologic and hydraulic study on areas to determine need, location and size of multiple pump stations. Used HEC-HMS to model the hydrology of the area and HEC-RAS to model the canals. • Reserve Oxidation Pond (Reserve, LA) – Determine size of treatment pond, size aerators and pumps, produce plans, specifications, and operation plan. • Copper Mill Golf Course Project (Zachary, LA) – Prepared preliminary design for subdivision layout including subsurface drainage, and roadways.



Section 17

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	CE&I/OV	
Project name	Contract No. 4400015191 IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62			Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H.004634	Owner's name	Louisiana Department of Transportation and Development		
Project location	Livingston Parish, LA	Owner's Project Manager	Derrick J. Berner, PE		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, (225) 664-3945, Darrick.Berner@LA.GOV				
Services commenced by this firm (mm/yy)	01/20	Total consultant contract cost (\$1,000's)			\$3,077
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$2,385

This project/task order is under the DOTD CE&I IDIQ for District 62. This project scope is to widen both US 190 and LA 1026 (Juban Rd.) as well as construct three roundabouts; this consists of installing drainage and curbing, milling, overlaying asphalt, and relocating all utilities within the corridor. Curb and gutter with subsurface drainage will be installed along Juban Road and US 190. The entire project will be constructed in two phases; Phase I of the project (H.000464) consists of the construction of a roundabout at the intersection of US 190 and Juban Road; US 190 would be widened from two lanes to four lanes as it approaches the new roundabout. Phase II of the project (H.004634) consists of the widening of Juban Road from I-12 to US 190, the construction of two roundabouts (one just north of I-12; one midway along the project corridor), and the construction of new frontage roads parallel to Juban Road east and west of the second roundabout.

Providence personnel are providing Construction Engineering and Inspection (CE&I) services for Phase 4, Utility Relocation, and Phase 6, Construction, relative to the widening of LA 1026; includes construction project management, DOTD coordination, Site Manager-Materials, and 2059 Project Closeout.



TEAM MEMBERS:

Gary Leonards, PE
Barry Lacy, PE
Coty Hardy
Philip LeBlanc
Timothy Raborn

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	CE&I/OV	
Project name	Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA)			Firm responsibility (prime or sub?)	SUB
Project number	SPN No. H.011670 1 & H.011670.2 (Supplemental)	Owner's name		Gilchrist Construction Company, LLC (Prime)	
Project location	Jefferson Parish, LA		Owner's Project Manager	Marc Dinnat (Gilchrist Construction)	
Owner's address, phone, email	5709 New York Avenue, Alexandria, LA 71302; (318) 792-7651; mdinnat@gilchristconstruction.com				
Services commenced by this firm (mm/yy)		11/19	Total consultant contract cost (\$1,000's)		\$9,345
Services completed by this firm (mm/yy)		06/24	Cost of consultant services provided by this firm (\$1,000's)		\$7,915



The Loyola Interchange Project was a Design-Build project that created an entrance ramp into the Louis Armstrong New Orleans International Airport. Gilchrist Construction Company was the prime contractor and utilized a diverging diamond interchange to improve traffic flow at the intersection of Loyola Drive and I-10, which eliminated the need for left turn signals to access Loyola Drive from the interstate. This was one of the first diverging diamond interchanges constructed in Louisiana and reconfigured the proposed elevated on and off ramps from New Orleans to a single structure in the median of Airport Access Road south of Veterans Blvd. Gilchrist also provided aesthetic enhancements that included color, creative lighting, and landscaping. This project was projected to cost \$125.6 million. Providence was the Construction Quality Control Firm (CQCF) and provided utility relocation monitoring, environmental compliance management, staffed the Construction Quality Control Manager (CQCM), and developed the Construction Quality Management Plan (CQMP) for construction execution in accordance with current DOTD specifications and requirements. Some of the challenges included nighttime work (girder erection and concrete deck pours) and planning for inspection of work that had not been designed (design-build).

Responsibilities of the CQCF included plan development, monitoring construction, materials collection and testing, construction documentation, and project closeout. Some of the specific QC activities included:

- Bridge Construction
 - concrete piles
 - pile caps
 - pier columns
 - LG girder erection
 - Steel tub girder erection
 - bearing placement
- Embankment and Base Course Construction
- Non-plastic Embankment (sand)
- Class II Stone
- Full Depth Asphalt
- Subsurface Drainage
 - Portland Cement Concrete Paving
 - Asphaltic Concrete Paving
- Temporary Traffic Control
- Survey Verification

TEAM MEMBERS:

Gary Leonards, PE
 Barry Lacy, PE
 Coty Hardy
 Joshua Angelloz

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*		CE&I/OV
Project name	Independence Safe Routes to School (SRTS) - Phase II Tangipahoa Parish; Contract No.440015488			Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H. 010108.6	Owner's name		Louisiana Department of Transportation and Development	
Project location	Tangipahoa Parish, LA		Owner's Project Manager		Mark Morvant, PE
Owner's address, phone, email		PO Box 94245, Baton Rouge, LA 70804-9245		225-379-1205	mark.morvant@la.gov
Services commenced by this firm (mm/yy)		01/23	Total consultant contract cost (\$1,000's)		\$162
Services completed by this firm (mm/yy)		02/24	Cost of consultant services provided by this firm (\$1,000's)		\$140

Providence provided CE&I services during the installation of sidewalks in the downtown area in the City of Independence in Tangipahoa Parish. This CE&I project fell under the **DOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488)**. **This project was funded by the Safe Routes to School Federal grant program.** Providence's scope of work included general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and LA DOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling as-builts, submitting final estimates, and processing applicable invoices.



TEAM MEMBERS:

Barry Lacy, PE
Coty Hardy
Gary Leonards, PE

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	White Castle Sidewalks Safe Routes to School Project: IDIQ Contract for CE&I Safety Services		Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H.012235.6	Owner's name	Louisiana Department of Transportation and Development	
Project location	Iberville Parish, LA		Owner's Project Manager	Scott Lobell, PE
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245 225-379-1928 Scott.lobell@la.gov			
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost (\$1,000's)		\$187
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)		\$166

This DOTD project fell under the IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects. The scope of work included CE&I Services for the construction of approximately 0.61 mile of five-foot sidewalk spanning the entrance to White Castle High School. The scope of work included excavation and embankment, erosion control, asphalt patching and joint repair, construction of culverts and storm drains, catch basins and manholes, concrete walks and drives, temporary traffic control, sodding, installation of permanent signs, and tree and root pruning. This project is also part of the USDOT Safe Routes to School (SRTS), an approach that promotes walking and bicycling to school through infrastructure improvements, enforcement, tools, safety education, and incentives. **Providence's responsibilities included daily inspections of the contractor's operations in accordance with plans and specifications, maintaining all construction field records, coordination of all construction activities between Providence, DOTD, and the FHWA, performing all documentation using SiteManager and SiteManager Materials, preparation of change orders as necessary, and project closeout with all necessary documentation.**

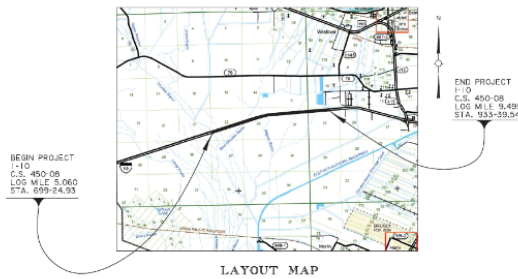


TEAM MEMBERS:

Barry Lacy, PE
Gary Leonards, PE
Coty Hardy

17. Firm Experience:

Firm Name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project Name	I-10: W End of BR 290 – W End of LA 415 (CE&I) Route I-10 West Baton Rouge Parish		Firm responsibility (prime or sub?)	Prime
Project number	SPN H.012587.6	Owner's name	Louisiana Department of Transportation and Development	
Project location	West Baton Rouge Parish, LA	Owner's Project Manager	Jeffery Chatelain, PE	
Owner's address, phone, email	8100 Airline Hwy, Baton Rouge, LA-70815, Phone: 225-603-6193 Email: jeffery.chatelain@la.gov			
Services commenced by this firm (mm/yy)	09/25	Total consultant contract cost (\$1,000's)		\$1,738
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		N/A



Providence is currently providing CE&I services for this project under Contract No. 4400031953. The scope of work includes inspection of all project activities, which encompass clearing and grubbing, drainage structures, milling asphalt pavement, pavement patching, asphalt concrete overlay for the existing roadway, cable barrier system, concrete strip work, and other related incidental tasks. Providence anticipates project will be broken down into three phases that include **preconstruction activities** (project review, preconstruction conferences, and project setup), **field inspections and investigations** during construction, (inspections, sampling and testing, and contract administration), and then **project file documentation** (Form 2059s, as-builts, and final project audit and closeout).

Additionally, Providence will serve as **project engineer**, managing preconstruction and bi-weekly project progress meetings. Providence will oversee contract timelines using DOTD software and coordinate with the Parish Engineers/Representatives for all utility relocations and adjustments. The Providence team will review Pile Construction Logs, collect and manage all material samples, and coordinate with the testing laboratory to perform field testing for quality assurance. Providence will ensure that all activities and results are properly documented in the DOTD software systems.

Providence will prepare monthly pay estimates and weekly progress reports for the DOTD Area Engineer, maintaining clear and concise records of all contractual operations. The team will also prepare final estimate packages, including Form 2059s, submit “As-Built” plans along with the final estimate, upload any change order attachments through DOTD’s software system, monitor and document all construction claims, and provide recommendations on disposition of claims. Record keeping will be managed in SiteManager and HeadLight, and Providence will maintain separate logs for change orders, Requests for Information (RFIs), and submittal.

TEAM MEMBERS:

Gary Leonards, PE
Barry Lacy, PE
Philip LeBlanc
Timothy Raborn

17. Firm Experience:

Firm name	Hardesty & Hanover, LLC	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

Prime consultant: **Providence Engineering and Environmental Group LLC**



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, LLC	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

Prime consultant: **Providence Engineering and Environmental Group LLC**



17. Firm Experience:

Firm name	Hardesty & Hanover, LLC	Past Performance Evaluation Discipline(s)*	CE&I/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.

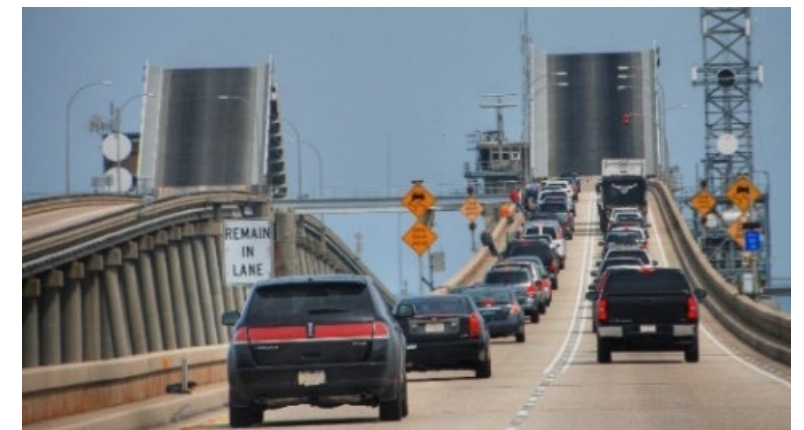
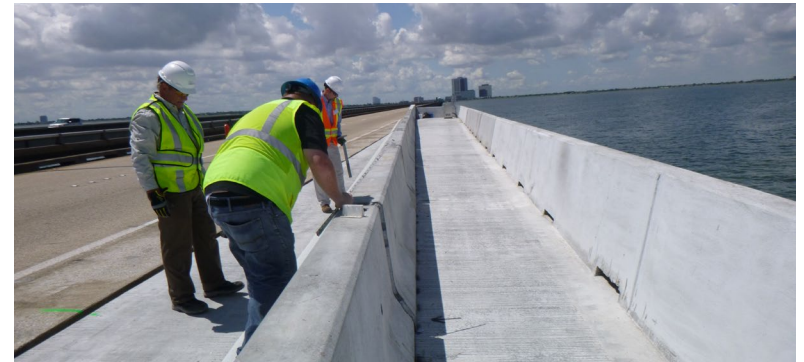
H&H's specific responsibilities included: maintaining all construction field records; documenting personnel present and equipment being utilized on the job site; coordinating relocations and adjustments of utility facilities for the construction of worksite; submitting all sampled materials to be tested 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

SCOPE OF WORK RELEVANT TO THE CONTRACT:

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

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.

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



17. Firm Experience:

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

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

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

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Reece Rodrigue

17. Firm Experience:

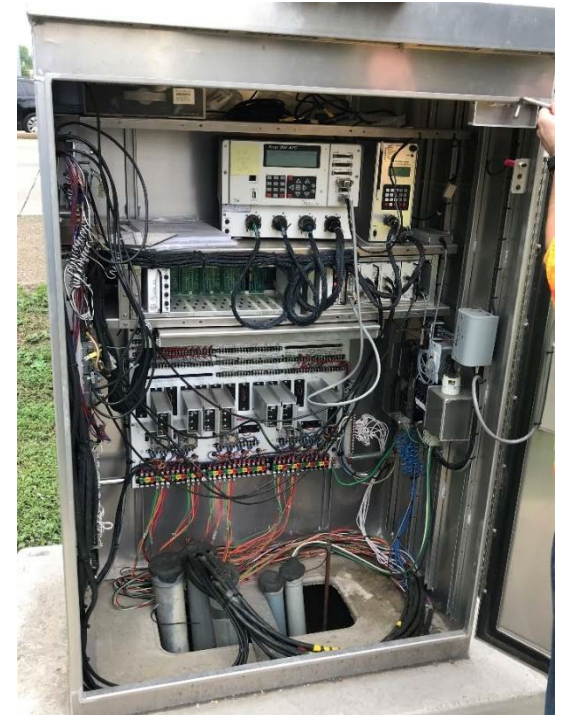
Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	ITS
Project name	I-110 ITS Deployment SEA		Firm responsibility (prime or sub?) sub
Project number	H.013261.1-1	Owner's name	DOTD
Project location	Baton Rouge, LA	Owner's Project Manager	Alaa Shams
Owner's address, phone,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

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

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

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

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert and Bridget Robicheaux



17. Firm Experience:

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

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

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert and Bridget Robicheaux

17. Firm Experience:

Firm name	GOTECH, Inc.		Discipline(s)*	CE&I/OV & Survey
Project name	LA 1: Leeville to Golden Meadow, Phase 2 (CE&I), Route LA 1		Firm responsibility (prime or sub?)	sub
Project number	4400021680; SPN: H.008145.6	Owner's name	LA DOTD	
Project location	Lafourche Parish		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)		\$830
Services completed by this firm (mm/yy)	present	Cost of consultant services provided by this firm (\$1,000's)		\$270

LA1: Leeville to Golden Meadow, Phase 2 is for the construction of lanes of travel both north and south bound from station 503+00 to 961+18. This is for 8.68 miles of roadway and includes clearing and grubbing, grading, drainage structures, milling asphalt concrete, class ii base course, asphalt concrete pavement, portland cement concrete pavement, permanent sheeting, precast concrete piles, steel piles, concrete slab span bridge, precast prestressed concrete girder spans bridge, drilled shaft foundations, alternate 1: 65' spans with 24" ppc piles, precast concrete piles(24"), precast prestressed concrete members; alternate 2a: 108' spans with 24" ppc piles, precast concrete piles(24"), precast prestressed concrete members; alternate 2b: 108' spans with 30" ppc piles precast concrete piles(30"), precast prestressed concrete members; and related work..

GOTECH will have inspectors and document control, and a Quality Assurance/Quality Control (QA/QC) manager. GOTECH is required to have documented plans and processes that provide for checking and reviewing work for accuracy, completeness and compliance with the scope of services in accordance with LADOTD requirements. GOTECH is tasked with checking and reviewing work for accuracy and correctness according to the job plans and specifications. GOTECH is responsible for the professional quality, technical accuracy, completeness of construction and coordination of all drawings, specifications, data, reports or other services to be provided under this project. GOTECH is a Subconsultant to ECM on this Lafourche Parish project.

Project staff includes the following:

Rhaoul Guillaume, Sr., P.E. & Drew Walsh, P.E., PMP, CFM

CE&I Department: **John Poche, Kenneth Prescott & Charles Stewart**

CADD Department: Sean McKisson



17. Firm Experience:

Firm name	GOTECH, Inc.		Discipline(s)*	CE&I/OV
Project name	I-10 & I-12 College Dr Flyover Ramp, EBRP Design-Build Project		Firm responsibility (prime or sub?)	sub
Project number	SPN: H.013897; FPN: H013897	Owner's name	LA DOTD	
Project location	East Baton Rouge Parish		Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov			
Services commenced by this firm (mm/yy)	03/22	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	present	Cost of consultant services provided by this firm (\$1,000's)		\$170

The College Drive / I-10 / I-12 interchange was in need of a revised traffic flow format. Traffic traveling westbound on I-10 from New Orleans had a difficult time navigating across multiple I-12 lanes to exit at College Drive. Accordingly, the College Drive flyover ramp was designed to take the I-10 exiting traffic over the I-12 travelers, avoiding conflicting flows. GOTECH served as a subconsultant to Hardesty & Hanover, LLC for the DOTD project of new ramp construction. GOTECH provided on-site construction inspectors to monitor the construction on a daily basis. GOTECH inspectors-maintained activity records that documented work crews, construction equipment, schedule milestones, daily progress, materials on site, accessibility issues and safety aspects of the project. Material sample collection was coordinated by GOTECH inspectors. All aspects of quality assurance and quality control were addressed by the GOTECH resident inspectors. Critical path events in the schedule were analyzed and reviewed consistently to ensure that the construction schedule was met and delays were minimized.

Project staff includes the following: Rhaoul Guillaume, Sr., P.E., Drew Walsh, P.E., PMP, CFM & Bruce Dyson, P.E., P.L.S.
CE&I Department: Nathan Millard & Kenneth Prescott



Prime consultant: **Providence Engineering and Environmental Group LLC**



17. Firm Experience:

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*		CE&I/OV	
Project name	Natchitoches Street Rehabilitation (CE&I)			Firm responsibility (prime or sub?)		prime
Project number	4400010081 SPN: H.011729 (CE&I)	Owner's name		LA DOTD		
Project location	Ouachita Parish		Owner's Project Manager		Mark Chenevert	
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov					
Services commenced by this firm (mm/yy)	05/17	Total consultant contract cost (\$1,000's)			\$75	
Services completed by this firm (mm/yy)	05/18	Cost of consultant services provided by this firm (\$1,000's)			\$64	



GOTECH Inc. Performed Construction Engineering and Inspection services for the Natchitoches Street Rehabilitation Project in West Monroe Louisiana. This Project included pavement patching, superpave asphaltic concrete. This work also included cold planning, asphaltic paving, cleaning and resealing existing joints, striping.

This one-mile stretch of road is in the middle of West Monroe Industrial corridor and was given a maximum of 60 calendar days to complete. GOTECH and its staff was proactive in working with the Contractor and the Mayor's office in completing this project ahead of schedule and within the budget restraints.

Project staff includes the following: Rhaoul Guillaume, Sr., P.E.
CE&I Department: Terry Cormier & Meva McMellon



Section 18

18. Approach and Methodology:

MEET THE TEAM



Providence Engineering and Environmental Group LLC (Providence) has formed an exceptional project team with Hardesty & Hanover, LLC (H&H), Vectura Consulting Services, LLC (Vectura) and GOTECH, INC. (GOTECH). Our team **shares a unified commitment to providing exceptional Construction Engineering and Inspection (CE&I) services for the District 62 IDIQ Contract** under the Louisiana Department of Transportation and Development (DOTD). We feel our team is highly qualified to provide CE&I services for any Louisiana DOTD project as illustrated through our respective experience in delivering transportation infrastructure projects in full

compliance with state and federal requirements. Our team has a thorough understanding of DOTD procedures, including the Construction Contract Administration Manual, and the DOTD Standard Specifications for Roads and Bridges. The Providence team includes a robust staff of DOTD-certified inspectors, experienced project engineers, office managers, and final construction audit experience. Our team roster provides adequate staffing required for each potential task order under this IDIQ. Many team members include previous DOTD project engineers and inspectors, most with local District 62 experience, which will provide the DOTD and District 62 personnel with an enhanced, seamless transition conceptualized through specific experience and local knowledge of the historical infrastructure. The Providence team's proposed

Project Engineer is **Barry Lacy, PE – with more than 35 years of construction experience managing DOTD projects of various scopes and magnitudes**. As reflected in Section 13, our team has multiple DOTD-certified inspectors and numerous engineers with decades of combined experience in DOTD inspection and project management. In addition, the Providence team has successfully managed or supported multiple retainer contracts in multiple DOTD districts, with specific focus on the recent successful completion of a District 62 IDIQ task order. Relevant notable projects and/or task orders have included CE&I services for entities, overlays, sidewalk safety projects, and most recently CQCM QC duties for the I-10 Loyola Interchange in District 02 in Kenner, LA.

LOCAL PERSONNEL AND KNOWLEDGE



- **Providence Project Manager Barry Lacy, PE**, brings extensive experience within District 62, having served as a Project Engineer in both the Hammond and LaPlace offices, as well as a DOTD Headquarters Area Engineer supporting District 62, in addition to numerous other roles within the DOTD.
- **Fred Wetekamm of H&H** also brings extensive experience with DOTD, having served as a District 02 Project Engineer for numerous years. His significant expertise in bridge construction, as well as electrical and mechanical engineering, is integral in supporting the successful delivery of complex infrastructure projects.
- **Rhaoul Guillaume, PE, and his GOTECH team** bring extensive CE&I experience across a diverse range of Louisiana infrastructure construction projects statewide, demonstrating a strong understanding of agency requirements and successful project delivery.

- **Brin Ferlito, PE, PTOE, and Laurence Lambert, PE, PTOE, with Vectura** bring extensive knowledge and hands-on experience in traffic engineering and Intelligent Transportation Systems (ITS), enabling the team to deliver practical, data-driven, and innovative solutions tailored to the specific needs of each project.
- **Providence's office administration personnel** will provide comprehensive support to ensure efficient project coordination and execution. Led by Barry Lacy, PE, Providence's office administration brings decades of expertise in construction administration and office management, supporting all disciplines including engineering, surveying, drafting, and construction. Should Providence office administration need additional support, each firm can provide coverage for managing a wide range of project documentation, including specifications, contracts, amendments, budgets, pay applications, change orders, and closeout documents.

- **H&H has an office in District 62 (Mandeville)**, which enhances our proximity to projects. **Providence, GOTECH, and Vectura have offices in the Baton Rouge area, and Providence also has branch**

offices in Kenner and Houma, LA for additional coverage or office space as needed.

PROJECT UNDERSTANDING



Providence understands this IDIQ contract is to provide CE&I services through the issuance of task orders, each defining specific scope, schedule, and compensation. We recognize that up to ten task orders may be active concurrently and have assembled a highly qualified and scalable team of engineers and inspectors to effectively manage this workload. Our team is experienced in supporting multiple concurrent assignments while maintaining consistency, quality, and responsiveness across all projects. Providence will maintain clear, accurate, and well-organized records of all contractual activities; prepare daily, weekly, and monthly quantity summaries and progress reports; and ensure timely entry of all project data and documentation into HeadLight

and SiteManager systems. Our structured approach to documentation and project controls ensures transparency, accountability, and full compliance with DOTD requirements across all task orders. We understand that for requested **Staff Augmentation Services** we will provide personnel to function as an **extension of DOTD's** staff, providing expertise in engineering, inspection, office management, quality assurance, and dispute resolution. The Providence Team has provided **CE&I services** for various road and bridge construction projects **in District 62** and we have Project Engineers who worked in the District 62, District 61, and District 02 offices. The Providence team personnel are fully aware of the policies, procedure and DOTD's demand for delivering quality projects

on time and on budget. Accurate and timely flow of information between the project team, the contractor, and DOTD will aid the contractor in completion of the project successfully. The Providence Team utilizes all the current DOTD software as is described below and is prepared to work the contractor's working hours, which may include night work for off-peak traffic times. This experienced team can categorize issues, respond to those issues in the field which can be handled, and understand which issues need to be elevated. The experienced Providence staff can react quickly to the challenges encountered during construction, which will allow quick responses to the contractor and mitigate schedule delays.

The Providence team has adopted the methodology below for successful completion of this contract.

1. PRECONSTRUCTION CONFERENCE

We will schedule and coordinate the preconstruction conference with the DOTD District 62 personnel, contractor, and other parties. Providence's team of project engineers and certified inspectors are knowledgeable and experienced of the DOTD's requirements and processes.

2. DAILY WORK REPORTS

We will maintain all construction field records, make daily entries in the project diary (DWR) to indicate that Providence's team personnel and Contractor's personnel are present on the job site, the Contractor's personnel and equipment being used on the project, the work being accepted, the acceptability of traffic control, and the charging of

contract time. We will document deficiencies, non-standard and non-conforming work, safety issues, and other issues and communications with the contractor. We will ensure that the contractor is completing the required traffic control logs daily. Barry Lacy's previous 20 years of experience as the DOTD's Work Zone Engineer will guide the team in accomplishing work zone safety goals. The Providence team is currently using DOTD software systems, like LAPAVE, SiteManager, Headlight, and other systems to accomplish this task.

3. UTILITY COORDINATION

The Providence team will coordinate with DOTD and appropriate utility representatives for all relocations/adjustments of utility facilities for construction.

4. SAMPLING AND TESTING

The Providence team will prepare a Sampling Plan in accordance with the Materials Sampling Manual. We will provide all necessary personnel, equipment, and materials such as cylinder molds, density gauges, *etc.* to perform the required field-testing for quality assurance in accordance with the latest DOTD Sampling and Testing Manual. We will collect and submit sampled materials to be evaluated to DOTD District 62 Testing Laboratory in Hammond, Louisiana in accordance with the stipulated Sampling Manual. The Providence team Project Engineer will ensure that samples, field tests, lab tests submitted, and test results are properly documented in DOTD software systems (LAPAVE, SiteManager, HeadLight, and other systems).

5. INSPECTION OF THE WORK

We will provide all necessary personnel, equipment, and materials needed to inspect the Contractor's construction operations (daily) to ensure that all work performed is in accordance with the specified plans and specifications.

6. CONSTRUCTION LAYOUT

Although the Contractor will perform construction layout, the Providence team has a licensed surveyor that can perform any necessary spot checks for verification.

7. DOCUMENTATION AND RECORD KEEPING

Providence's team will keep clear and concise records of the contractual operations, prepare monthly pay estimates from SiteManager and Headlight, and make weekly progress reports consisting of percent complete and time elapsed, approved change order amounts, and number of change orders to the DOTD Area Engineer. We will perform all documentation, as prescribed by DOTD, on DOTD's construction software, SiteManager, and Headlight, unless otherwise directed by the DOTD Project Manager. We have computer hardware, *i.e.* computers, printers, internet connections, scanners, *etc.* deemed necessary to the inspection services.

8. CHANGE ORDERS

We will write, review, and recommend approval of change orders throughout the life of the project using the Department's processes. Any proposed changes in plans or in the nature of the work will be pre-approved in writing by DOTD, prior to the performance of stipulated work using the new RFCO process.

9. SUBMITTALS AND RFIs

The Providence team will review and approve or recommend acceptance of submittals, RFIs, working or form drawings, pile order lengths, *etc.* for the life of the project. We will maintain a submittal and RFI log to reflect this information.

10. COMMUNICATION AND AVAILABILITY

We will be available for conferences, visits to jobsites, and/or inspections. We will assign a full-time consultant project engineer to this project who is knowledgeable of all facets of the Contractor's operations. The project engineer shall have electronic linkage capability via cell phone, fax machine, and internet for transmitting and receiving relevant contractual information and arranging for onsite operations. He will respond to the DOTD Area Engineer within 30 minutes. We will disseminate press releases to the local media outlets pertaining to project status and any anticipated traffic pattern changes on a timely basis. The DOTD Area Engineer will approve all press releases prior to dissemination by our team.

11. EROSION CONTROL

The Providence team will be responsible for performing and documenting inspections of erosion control measures as well as ensuring compliance with the Storm Water Pollution Prevention Plan (SWPPP).

12. CONSTRUCTION CLAIMS

The Providence team will monitor and document all construction claims in accordance with the appropriate EDSM and provide recommendations on disposition of claims. Barry Lacy, PE served as

DOTD's Construction Claims Engineer for 20 years and has considerable experience and knowledge in this area.

13. CPM AND MONITORING PROGRESS

Adherence to the project schedule is critical to project success. We will review and approve the Contractor's Critical Path Method (CPM) for Construction Progress Scheduling submissions for the project in compliance with the Special Provisions of the Construction Proposal.

14. PROJECT CLOSEOUT

We will review and coordinate with the DOTD District Laboratory, the entire final estimate package, including the Form 2059 "Summary of Test Results" and all document submittals from the Contractor in conformance with DOTD requirements. We will submit as-built plans with the final estimate per DOTD policy and procedure. Barry Lacy is familiar with this process as he was the Construction Audit Engineer for 15 years.

To summarize, our specific experience affords us the opportunity to create reliable processes during CE&I projects, which not only allows us to be proactive on any potential issues, but also provides a roadmap for ensuring the entire scope of work is fulfilled. Our Team is a valuable resource throughout the entire project lifecycle and can recommend cost-effective issue resolutions to keep the project moving forward and on track.

PROJECT SCHEDULE

 The Providence team will provide CE&I and contract administration services typically performed by the DOTD Project Engineer and his/her staff, including but not limited to roadway and bridge construction, bridge rehabilitation and maintenance work, and drainage structures. These services will be performed in accordance with DOTD's Standards and Procedures. **A sample project schedule is included.**

CONTRACT NO. 4400034601
IDIQ CONTRACT FOR CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES (CE&I)
STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 62
Sample Schedule of Major Work Items



Task	Description	Duration	May					June				July				August				September	
			1	8	15	22	31	7	15	22	30	8	15	22	31	8	15	22	31	8	15
1	Pre-Construction Activities																				
1.1	Task Order from Retainer	1																			
1.2	Obtain Plans & Proposal	7																			
1.3	Review Project Site & Contract Documents	14																			
1.4	Develop Sampling Plan	5																			
1.5	Preconstruction Conference	1																			
1.6	Issue NTP Date	1																			
1.7	Assembly Period	30																			
2	Perform Contract Administration & CEI Duties																				
2.1	Actual Construction	45																			
2.2	Obtain Final Inspection, Complete Punchlist, & Final Acceptance	14																			
3	Project Closeout																				
3.1	Project Closeout, 2059 Documentation, & As-Built Plans	30																			
3.2	Submit Final Documentation to HQ Construction Audit	1																			



Section 19

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400015191; H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62, St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$698,282
Providence Engineering and Environmental Group LLC	Environmental	Contract No. 4400017438; H.013284	Supplemental Agreement No. 6 MRB South GBR: LA 1 to LA 30 Connector Route: New Route Ascension, East Baton Rouge, Iberville, and West Baton Rouge Parishes	\$160,186
Providence Engineering and Environmental Group LLC	Environmental	Contract No. N/A; H. 004791	Belle Chasse Bridge and Tunnel Replacement Public- Private Partnership Project	\$175,716
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400031953 SPN H.012587.6 F.A.P. NO. H012587	I-10: W End of BR 290 - W End of LA 415 (CE&I) Route: I-10	\$1,363,487
Providence Engineering and Environmental Group LLC	Environmental	Contract No. 4400032049 SPN H.003931.6	Calcasieu River Bridge (HBI)	\$32,987
Providence Engineering and Environmental Group LLC	CE&I/OV	Entity Contract No. 4400030129 SPN H.015126.6 F.A.P. NO. H015126	Baker Boulevard Improvements (LA 19 to McHugh Road) – Construction Engineering and Inspection (CE&I)	\$25,165

Hardesty & Hanover, LLC	Other (must specify)	4400028222; H.011006.5 Task 1	IDIQ Contract for Tunnel Inspection Services	\$480, 148
Hardesty & Hanover, LLC	Bridge	4400023511; H.009730.5 Task 2	Bridge Inspection of Complex Structures LADOTD Movable Bridge Inspection Manuel	\$462,208
Hardesty & Hanover, LLC	Bridge	4400023511; H.009730.5 Task 4	Bridge Inspection of Complex Structures – SNBI Data Collection	\$60
Hardesty & Hanover, LLC	CE&I/OV	4400017430; H.001498.6	LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish	\$191,608
Hardesty & Hanover, LLC	Bridge	4400023909; H.002244.5 Task 2	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal (Mechanical)	\$92,715
Hardesty & Hanover, LLC	Bridge	4400023909; H.015963.5 Task 4	IDIQ Contract for Movable Bridge Preservation Boudreaux (Structural)	\$5,841
Hardesty & Hanover, LLC	Bridge	4400023909; H.015963.6 Task 5	IDIQ Contract for Movable Bridge Preservation Red River MB Ped Gates (Jackson St)	\$94,501
Hardesty & Hanover, LLC	Bridge	4400023909; H. 002798.6 Task 6	IDIQ Contract for Movable Bridge Preservation Bayou Teche Bridge (Oaklawn) Arc-Flash	\$36,000
Hardesty & Hanover, LLC	CE&I/OV	4400024021; H.015028.6	LA 302: Bayou Barataria MB Replacement Route: LA 302	\$4,051,923

Hardesty & Hanover, LLC	CE&I/OV	4400024022; H.002264.6	LA 302: Bayou Barataria MB Replacement Route: LA 302, LA47, and LA 3257	\$950,502
Hardesty & Hanover, LLC	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
Hardesty & Hanover, LLC	Bridge	4400021516; H.013818	Contract 4 for Movable (5) – Supplemental Agreement No. 2	\$2,179,684
Hardesty & Hanover, LLC	Bridge	4400026585; H.006226.5	Point-a-la Hache Ferry Landing Replacement	\$2,065,634
Vectura Consulting Services, LLC	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	\$572
Vectura Consulting Services, LLC	Traffic	4400025299 H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$9,437
Vectura Consulting Services, LLC	Traffic	4400018271 H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
Vectura Consulting Services, LLC	Traffic	4400025299 H.014305	US 61: Cardinal Dr to Bert St	\$44,311
Vectura Consulting Services, LLC	Traffic	4400026026 H.016037	LA 1138-1 & LA 1138-2: Corridor Improvements	\$142,847

Vectura Consulting Services, LLC	Traffic	4400025299 H.016437.5	US 190: Wooddale to Livingston P/L Study	\$120,040
Vectura Consulting Services, LLC	CE&I/OV	4400020018 H.007160	EBR Computerized Traffic Signal, Ph VB	\$23,595
Vectura Consulting Services, LLC	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	\$572
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	4400024438; SPN: H.010673 Control Section No. 283-09	US90Z: Harvey Canal Tunnel Rehab Route US 90-Z Federal Aid Project (Jefferson Parish)	\$7,467
GOTECH, Inc. (Subconsultant to ECM)	CE&I/OV; Survey	4400021680; SPN: H.008145.6	LA 1: Leeville to Golden Meadow (Lafourche Parish)	\$142,183
GOTECH, Inc. (Subconsultant to Greenman-Pederson, Inc.)	CE&I/OV; Survey	4400023897; H.011965.6	LA 47: IWGO Bridge Rehab Orleans Parish	\$255,000
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV; Survey	4400027349; H.003931.6	Calcasieu River Bridge – Hm & Field	\$14,980
GOTECH, Inc. (Subconsultant to Infrastructure Consulting &	CE&I/OV	4400026468	Lafayette Traffic Signals	\$69,263
GOTECH, Inc. (Subconsultant to Michael Baker)	CE&I/OV	4400025536; H.014993.6	Lemon Rd Bridge over Drainage Bayou	\$64,935

GOTECH, Inc. (Subconsultant to R.C. Lambert Consultants, LLC)	CE&I/OV	4400030226	LA 1: Port Allen Canal Bridge Replacement Phase 2	\$66,775
GOTECH, Inc. (Subconsultant to Michael Baker)	CE&I/OV	H.012057	Lake Villar Canal	\$37,342
GOTECH, Inc. (Subconsultant to Meyer Engineers, Ltd.)	CE&I/OV	A/E Project No. 25-1130-0049	LA 30: EBR PL to LA 74 Patch, Mill & Overlay	\$17,321
GOTECH, Inc. (Subconsultant to Meyer Engineers, Ltd.)	CE&I/OV	H.015547	Alphonse Forbes Rd Bridge Concrete Inspection	\$5,561

(Add rows as needed)

DO NOT SUM

*** The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.** If a firm has more than one discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per discipline.

**** Round to the nearest dollar. Do not round to the nearest thousands.** If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.**



Section 20

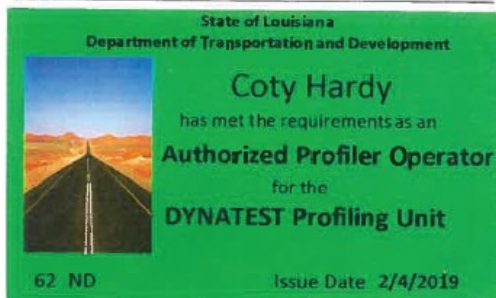
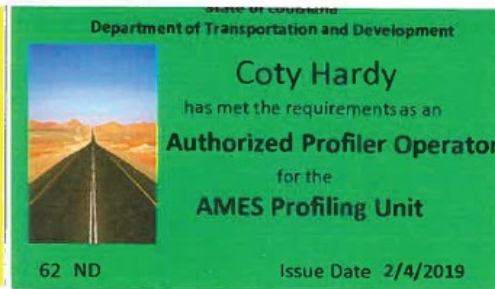
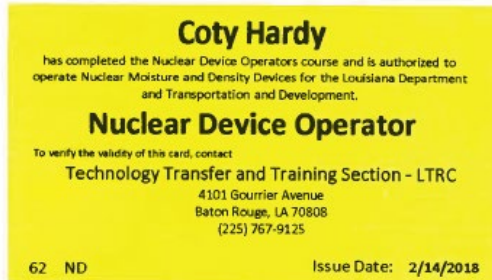
20. Certifications/Licenses:



CERTIFICATIONS



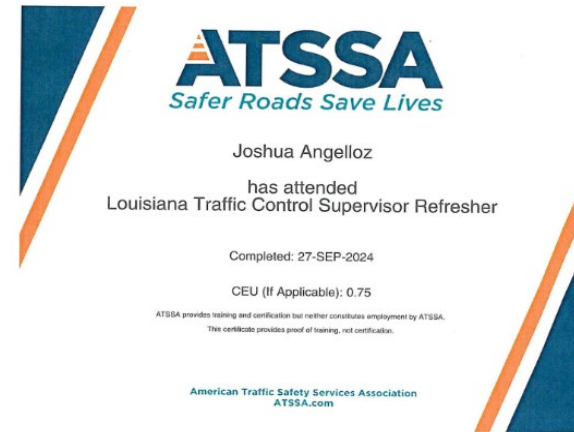
CERTIFICATIONS



CERTIFICATIONS



CERTIFICATIONS



CERTIFICATIONS





LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

666 North Street – Baton Rouge, LA 70802
Phone: 225/344-0432 * Fax: 225/344-0458
www.lagc.org

January 29, 2026

To Whom It May Concern,

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

ATSSA Traffic Control **Technician Training** – January 20, 2026 – Philip LeBlanc Jr.

ATSSA Traffic Control **Supervisor Training** – January 22, 2026 – Philip LeBlanc Jr.

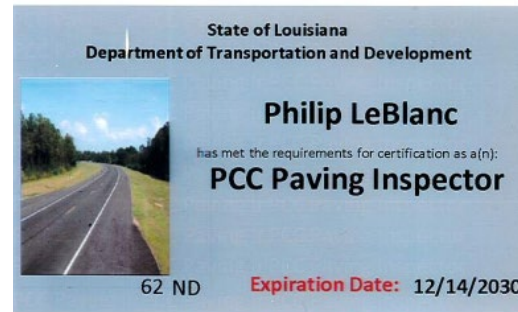
This letter will serve as temporary proof of training until above listed employees receive their official certificates from American Traffic Safety Services Association (ATSSA).

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

Best Regards,

Reldon Owens- LAGC Chief Executive Officer

CERTIFICATIONS

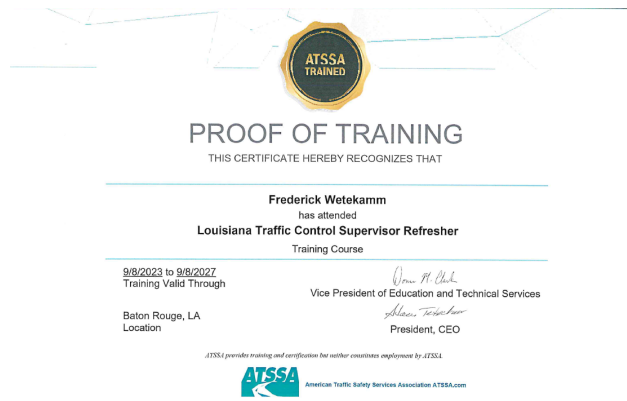
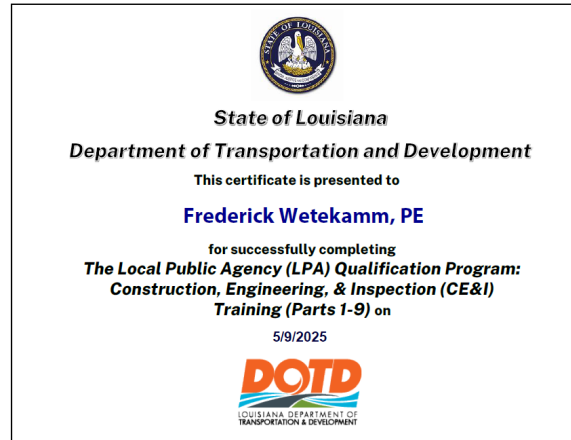


Prime consultant: **Providence Engineering and Environmental Group LLC**

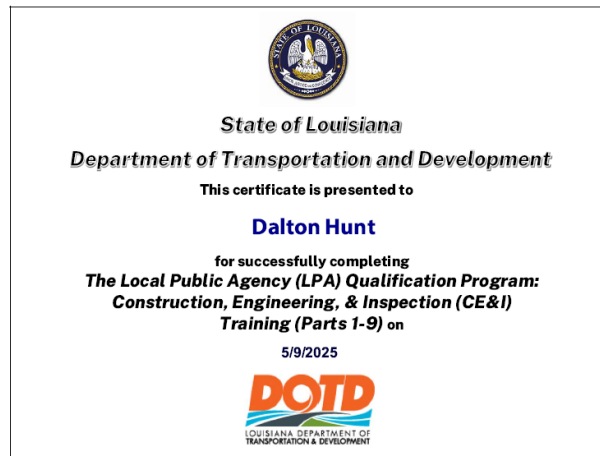


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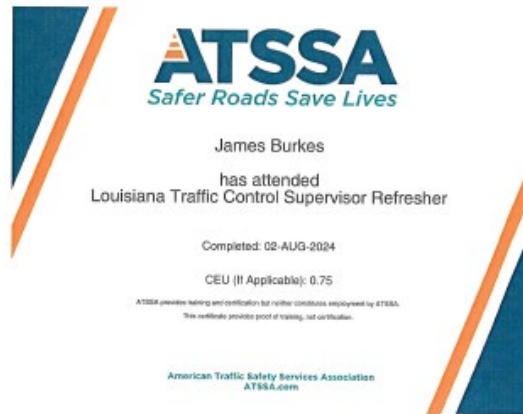
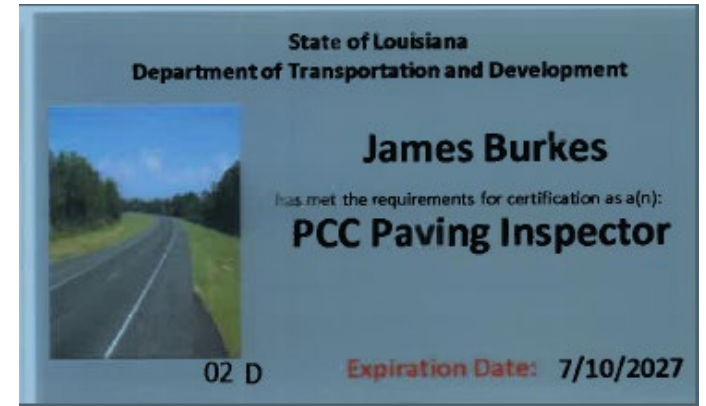
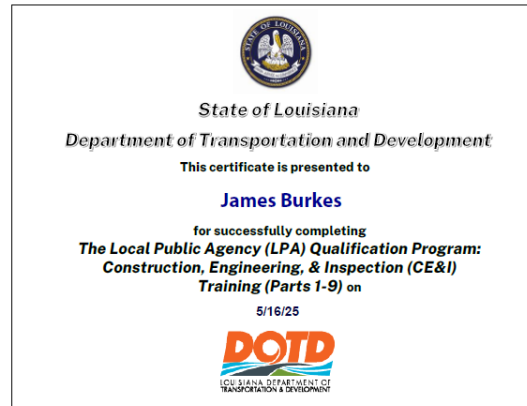


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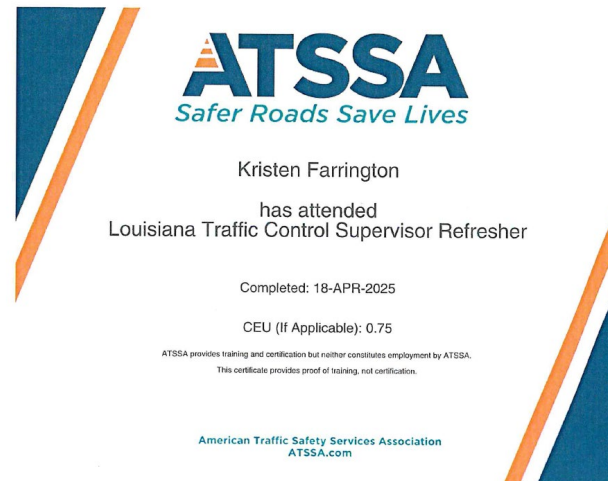
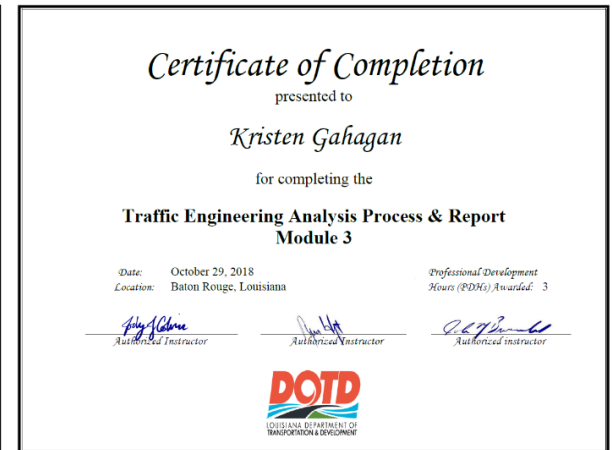
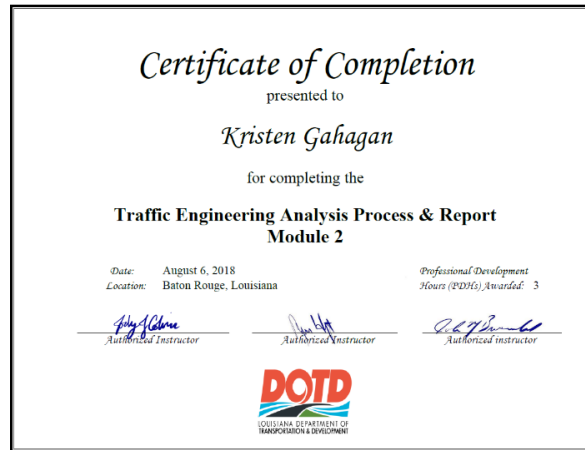
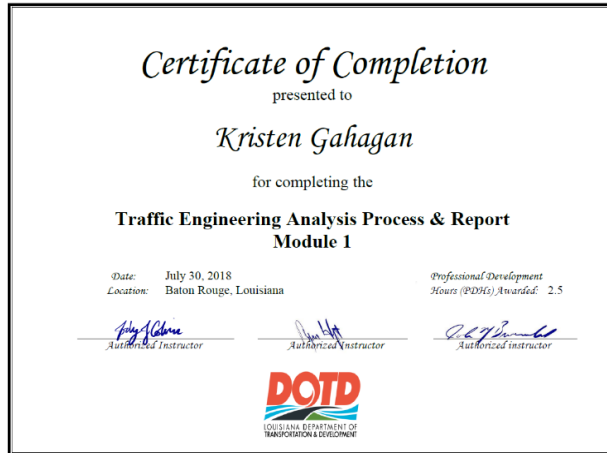




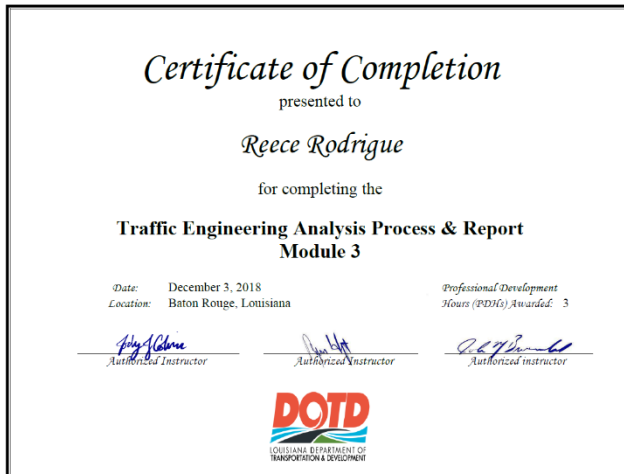
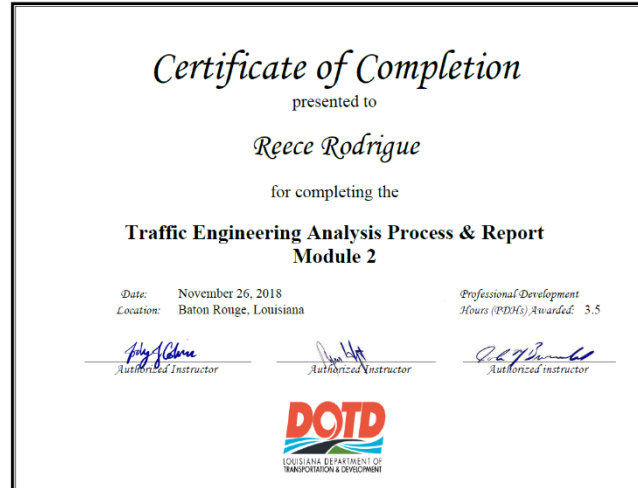
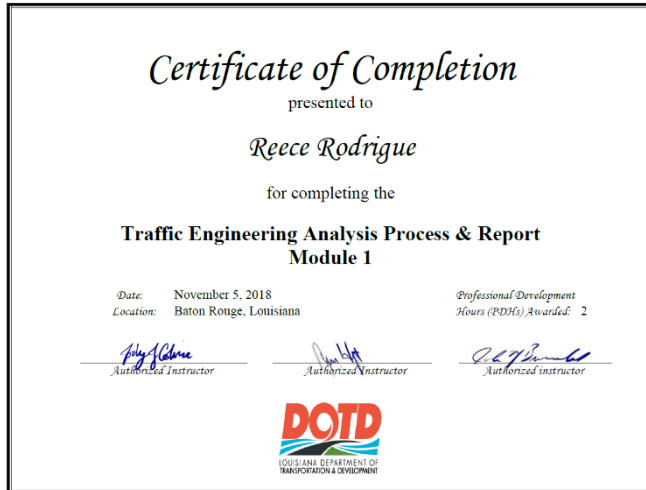
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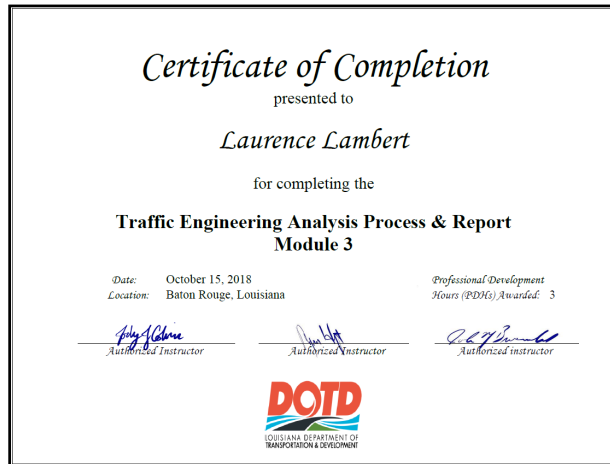
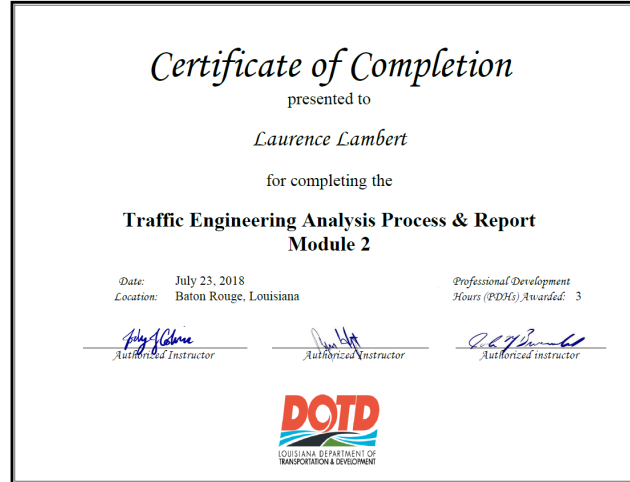
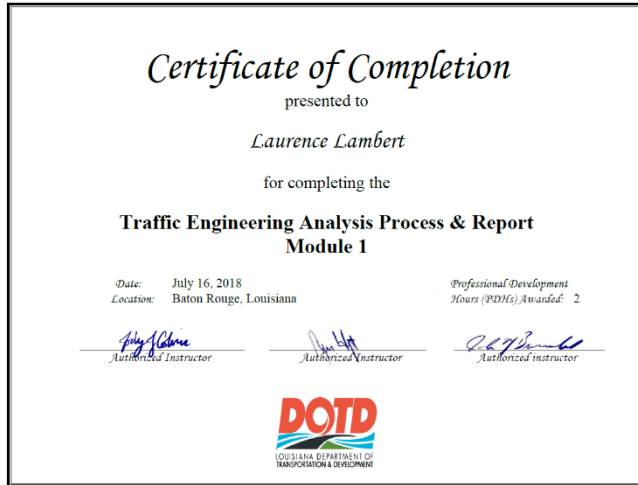
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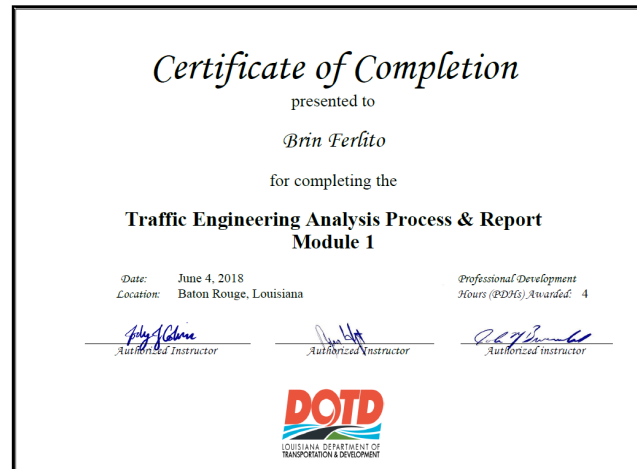
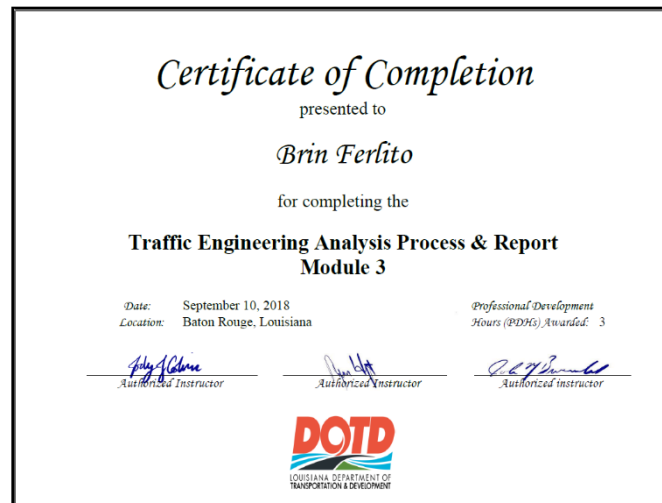
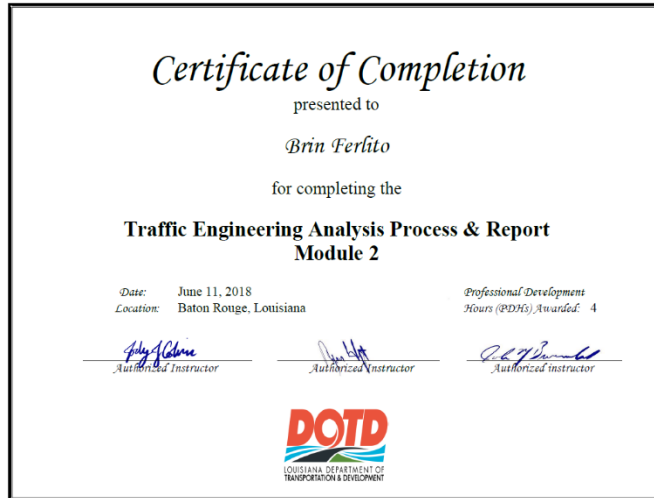
CERTIFICATIONS



CERTIFICATIONS



CERTIFICATIONS





CERTIFICATIONS



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bruce K Dyson
has attended
Traffic Control Technician-LA State Specific
Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

Ronja Smith
Director of Training

Shawn Tischer
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bruce K Dyson
has attended
Traffic Control Supervisor-LA State Specific
Training Course

6/22/2022 to 6/22/2026
Training Valid Through

Baton Rouge, LA
Location

Ronja Smith
Director of Training

Shawn Tischer
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

 American Traffic Safety Services Association ATSSA.com

 American Traffic Safety Services Association
SAFER. SMARTER. SMOOTHER. LINES

This is to affirm that

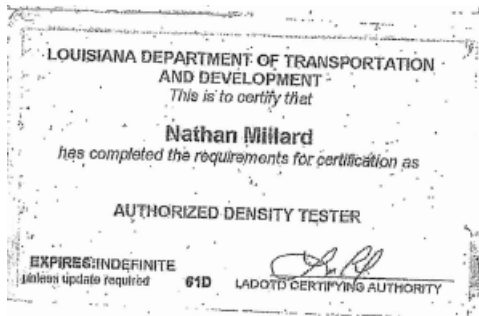
BRUCE DYSON
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 8/4/2022 Instructor Name Debbie Purcella
Exp. Date 8/4/2026 Instructor Signature *Debbie Purcella*
State Issued LA

V0000058731 Verify at Flagger.com



CERTIFICATIONS



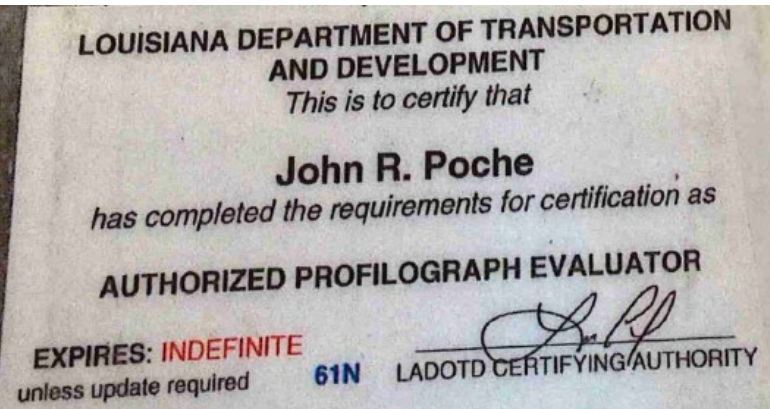


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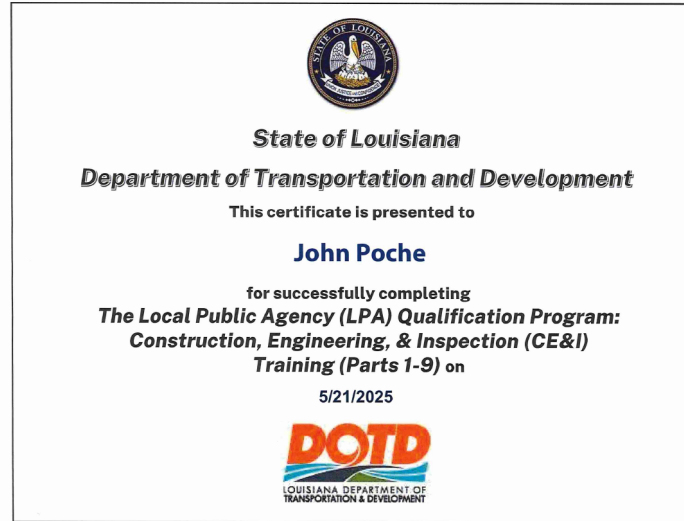


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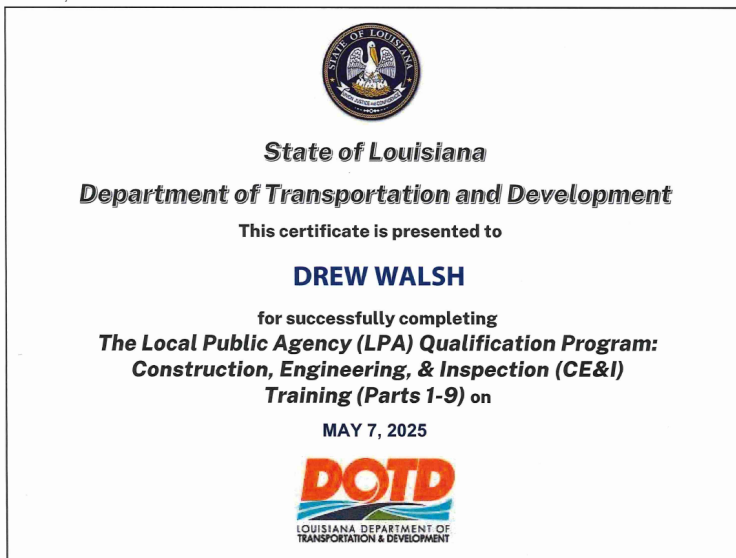
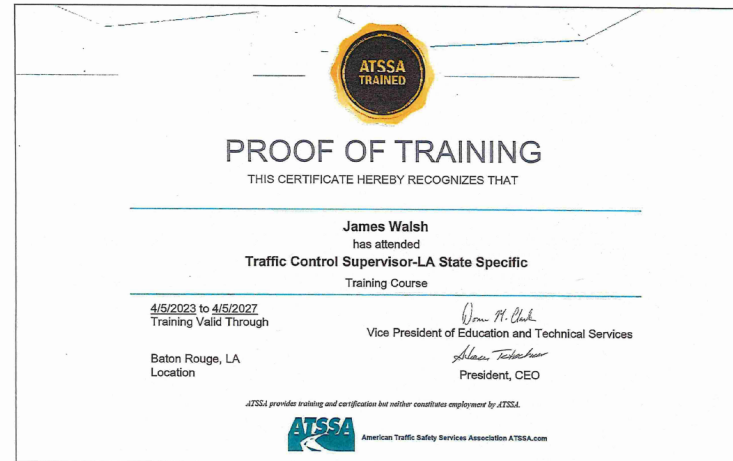


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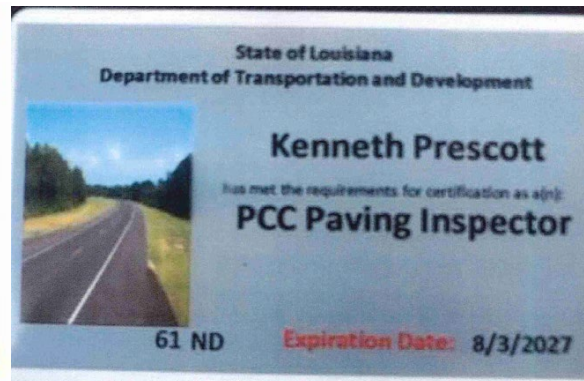


CERTIFICATIONS





CERTIFICATIONS





Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

Jeff Landry, Governor
Joe Donahue, Secretary

May 30, 2025

GOTECH, Inc.

Attn: Rhaoul A. Guillaume, Sr. P.E.
8383 Bluebonnet Blvd.
Baton Rouge, LA 70810

Dear Rhaoul A. Guillaume, Sr. P.E.,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (**DBE**) and Small Business Element (**SBE**) Declaration of Eligibility. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

NC541330-Engineering Services

C09-Civil Engineering

NC541340-Drafting Services

C03-Drafting

NC541370-Surveying and Mapping (except Geophysical) Services

C06-Land Surveying

NC541618-Other Management Consulting Services

C74-Construction Management

C21-Construction Inspections

C11-Planning

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit a **Declaration of Eligibility** with Gross receipts (i.e. all income-related portions of signed federal tax returns, audited financial statements or a CPA's signed attestation of correctness and completeness) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2026**. However, should you not receive notification from this office for your Declaration of Eligibility; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

GOTECH, Inc.

May 30, 2025

Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Feel free to contact SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,



Paula Roddy
Compliance Programs Director

Enclosure (Certificate)



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& under the State of Louisiana United Certification Program (LAUCP)

GOTECH, Inc.

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541330, NC541340, NC541370, NC541618

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: June 2025 to June 2026

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Paula Roddy, Compliance Programs Director

Louisiana Department of Transportation & Development



Name	Type	City	Status
PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC
Charter Number: 34914727K
Registration Date: 3/23/2000

Domicile Address

1201 MAIN STREET
BATON ROUGE, LA 70802

Mailing Address

1201 MAIN STREET
BATON ROUGE, LA 70802

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 3/23/2000
Last Report Filed: 2/24/2025
Type: Limited Liability Company

Prime consultant: **Providence Engineering and Environmental Group LLC**





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)



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

Previous Names

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

Domicile Address

4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639

Mailing Address

PO BOX 14269
BATON ROUGE, LA 70898

Status

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

Prime consultant: **Providence Engineering and Environmental Group LLC**





Name	Type	City	Status
GOTECH, INC.	Business Corporation	BATON ROUGE	Active
Previous Names			
Business:	GOTECH, INC.		
Charter Number:	33323660D		
Registration Date:	2/11/1981		
Domicile Address			
	8383 BLUEBONNET BLVD. BATON ROUGE, LA 70810		
Mailing Address			
	C/O RHAOULA. GUILLAUME 8383 BLUEBONNET BLVD. BATON ROUGE, LA 70810		
Principal Office Address			
	8383 BLUEBONNET BLVD BATON ROUGE, LA 70810		
Status			
Status:	Active		
Annual Report Status:	In Good Standing		
File Date:	2/11/1981		
Last Report Filed:	1/13/2026		
Type:	Business Corporation		



Sections 21-23

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.**

Not Applicable

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation,</u> <u>include screenshot(s) from SOS at the</u> <u>end of Section 20)</u>	Address	Point of Contact and email address	Phone Number
Hardesty & Hanover, LLC	3850 N. Causeway Blvd. Suite 1625 Metairie, LA 70002	Bobby Naghavi, PE bnaghavi@hardestyhanover.com	(504) 962-9212
Vectura Consulting Services, LLC	4467 Bluebonnet Blvd Suite A, Baton Rouge, LA 70809	Laurence Lambert, PE, PTOE, PTP llambert@vecturacs.com	(225) 938-3614
GOTECH, INC.	8383 Bluebonnet Boulevard Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., F.ASCE rhaoul@gotech-inc.com	(225) 766-5358

(Add rows as needed)

23. Location:

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

Not Applicable