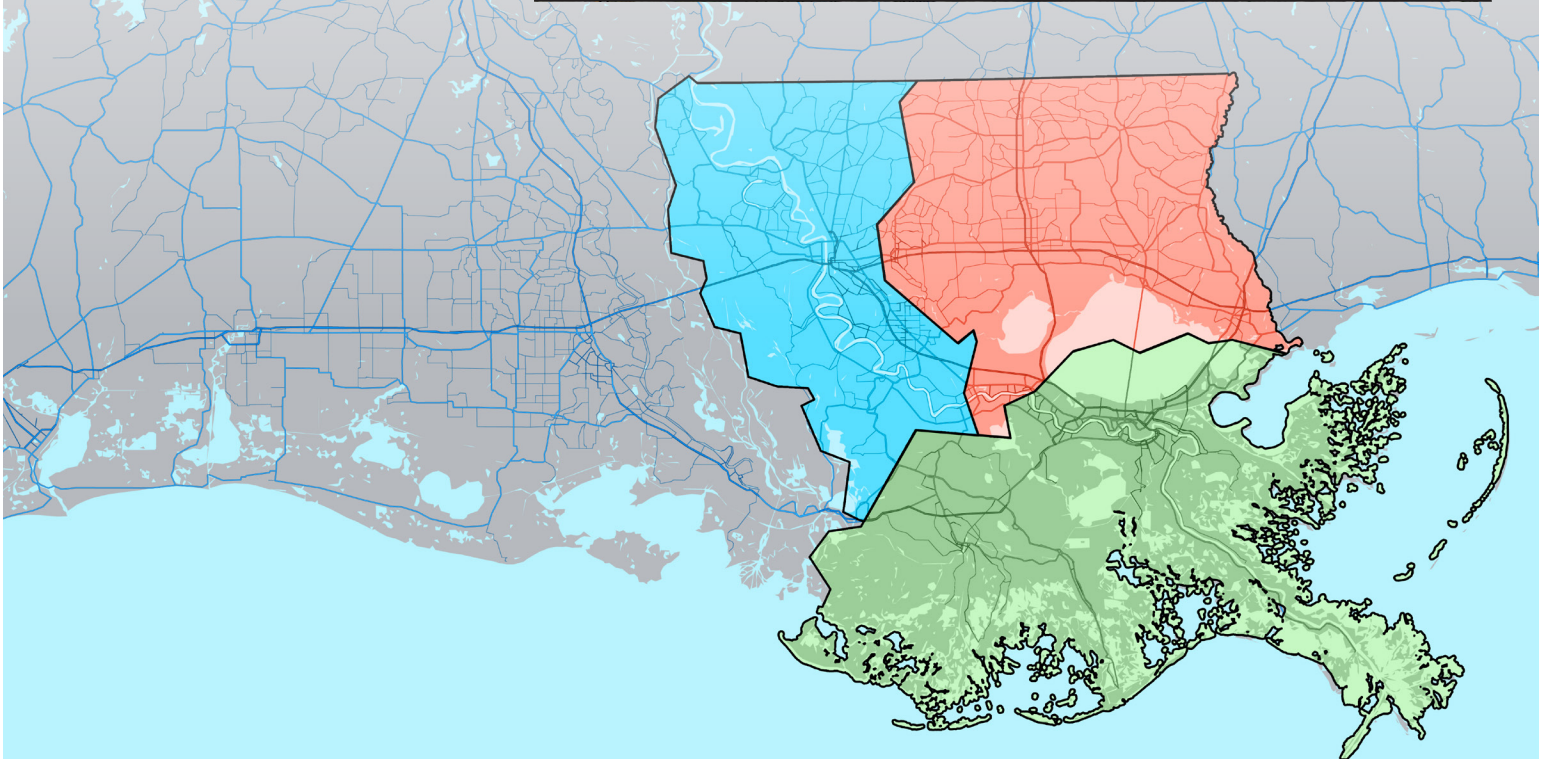
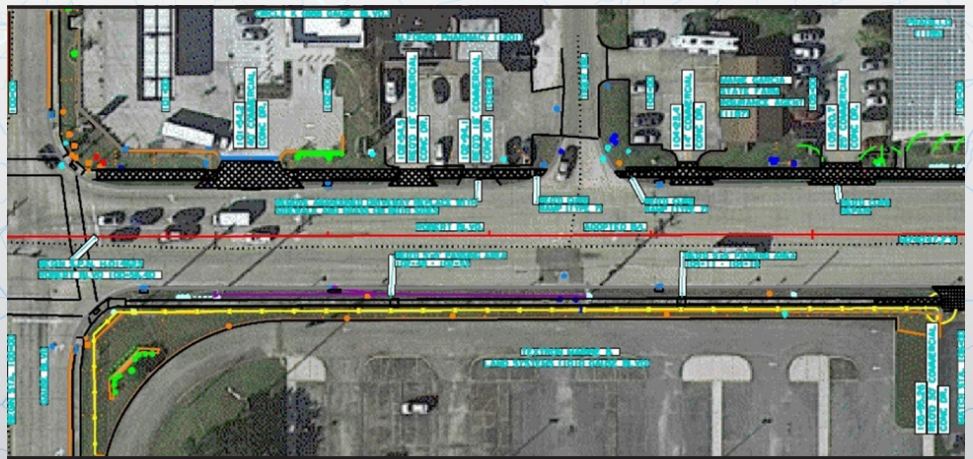




Contract No. 4400034439 and 4400034440
IDIQ Contract for Construction, Engineering and Inspection Services for
Transportation Alternatives Program (TAP) Projects (CE&I)
Statewide with Majority of Work in Districts 02, 61, and 62





3850 N. Causeway Boulevard
Suite 1625
Metairie, LA 70002
T: 504.962.9212
www.hardestyhanover.com

March 12, 2026

Louisiana Department of Transportation and Development
Consultant Contracts Services

**Re: Contract No. 4400034439 and 4400034440
IDIQ Contract for Construction, Engineering and Inspection Services for Transportation Alternatives Program (TAP)
Projects (CE&I) Statewide with Majority of Work in Districts 02, 61, and 62**

Dear Selection Committee Members:

Hardesty & Hanover (H&H) is submitting our qualifications to provide engineering services on this IDIQ Contract for construction engineering and inspection services for Transportation Alternatives Program (TAP) Projects (CE&I). We are proud of our long history working in Louisiana with DOTD on a variety of CE&I projects. As a leader in engineering, our firm brings a legacy of 139 years of engineering excellence dating back to 1896 with the historic Waddell A-Truss Bridge over Cross Bayou in Shreveport. H&H has the full capability, availability, and comprehensive engineering experience to perform all contract services required.

We have selected a pool of qualified Construction Engineers and Inspectors with extensive roadway construction support and construction engineering and inspection CE&I experience who are dedicated to meeting and exceeding the project schedules and goals. Additionally, H&H utilizes a robust quality management system to provide DOTD with a mechanism by which all deliverables will be subject to a systematic, tailored, and consistent review process. The H&H Team brings comprehensive experience working on DOTD projects using DOTD standards and specifications. Our thorough familiarity with DOTD procedures and design standards and construction specifications enables us to work accurately and efficiently. Together, we bring proven Construction Support and Construction Engineering and Inspection services; successful delivery of similar projects on time and on budget; resources that exceed the MPR requirements; and a roster of qualified professionals in all disciplines with availability to begin work immediately.

H&H's proposed Project Manager, Babak "Bobby" Naghavi, PE, PH, PhD, brings 44 years of experience including successful management of Roadway Construction as well as Construction Engineering and Inspection contracts. Dr. Naghavi's thorough knowledge of construction administration and CE&I projects, combined with his dedication, project management capabilities, and reputation with the DOTD, make him an ideal candidate for this position. He is available to dedicate the time needed to effectively deliver all of H&H's necessary resources on any assignment or emergency that may arise from this contract. Fred Wetekamm, PE will serve as our Project Engineer for this contract and will be available at all times. Mr. Wetekamm has 37 years of experience with similar DOTD Roadway Construction as well as CE&I projects and will be supported by our specialized road and bridge CE&I staff of qualified engineers and experienced field staff of DOTD certified inspectors.

The H&H Team includes subconsultants GOTECH Inc. and Terracon Consultants, Inc., both with considerable experience in their specialty areas. We have successfully delivered projects with these subconsultants in the past.

H&H appreciates the opportunity to work with DOTD on this IDIQ Contract for (CE&I). Please do not hesitate to contact us if additional information on our qualifications is needed.

Sincerely,

A handwritten signature in black ink that reads "Babak Naghavi".

Babak "Bobby" Naghavi, PE, PH, PhD
Project Manager and Point of Contact
504.605.7940
bnaghavi@hardestyhanover.com

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

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

1. Contract Name as shown in the advertisement	IDIQ Contracts for Construction Engineering and Inspection Services For Transportation Alternatives Program (TAP) Projects (CE&I) Statewide with Majority of Work in Districts 02, 61, and 62
2. Contract Number(s) as shown in the advertisement	4400034439 and 4400034440
3. State Project Number(s), if shown in the advertisement	
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>)	Hardesty & Hanover, 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)	E.F. 0005124
6. Prime consultant mailing address	3850 N. Causeway Blvd. Ste. 1625 Metairie, LA 70002
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	3850 N. Causeway Blvd. Ste. 1625 Metairie, LA 70002
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Babak "Bobby" Naghavi, PE, PH, PhD, Regional Manager 504.605.7940 bnaghavi@hardestyhanover.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Babak "Bobby" Naghavi, PE, PH, PhD, Regional Manager 504.605.7940 bnaghavi@hardestyhanover.com

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

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

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



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

March 12, 2026

Date:

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

Firm(s):

No DBE goal has been set for this contract

Firm(s)' %:

12. Discipline Table:

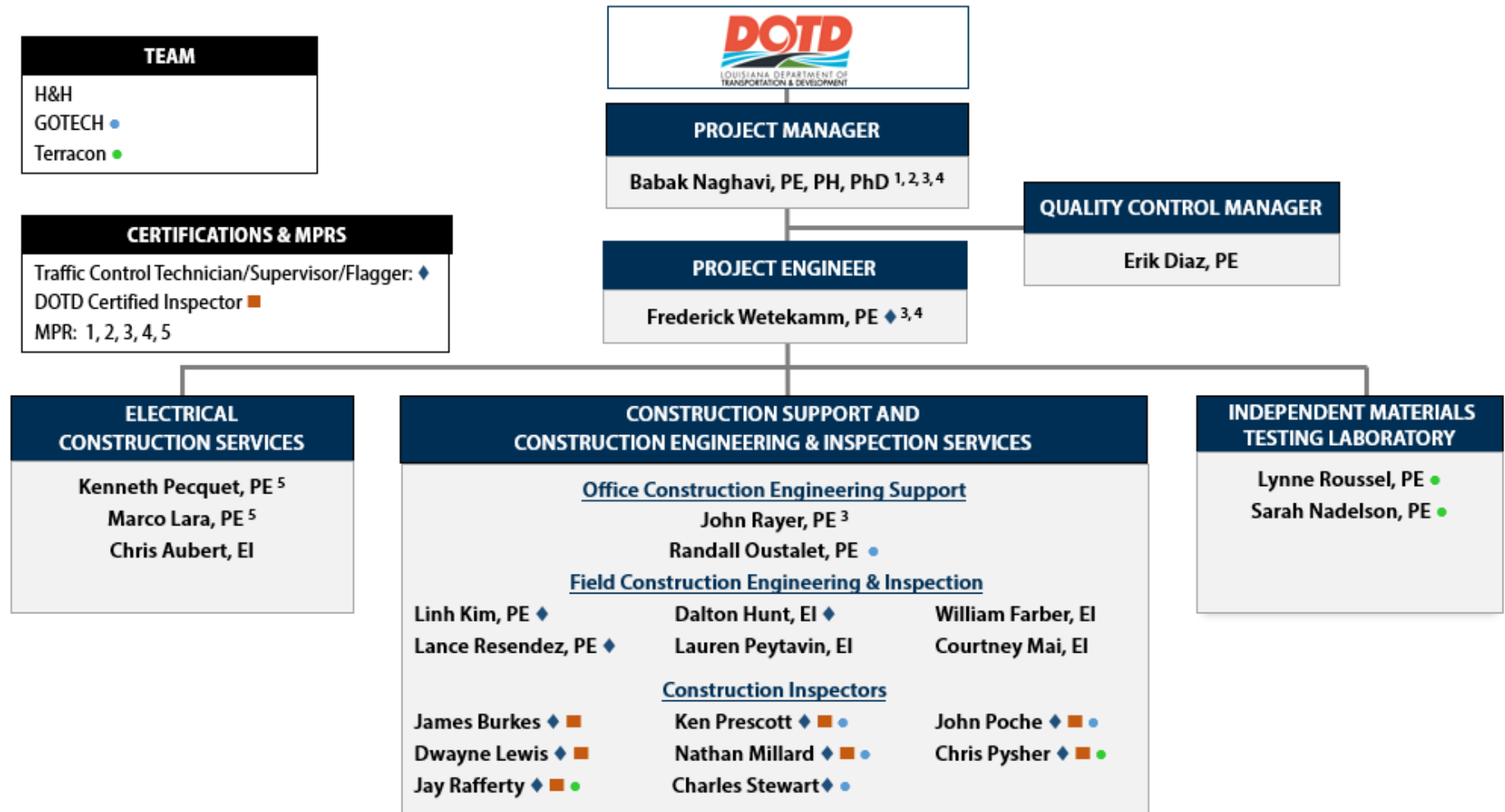
Discipline(s)	% of Overall Contract	Hardesty & Hanover	GOTECH	Terracon	Each Discipline must total to 100%
CE&I/OV	100%	86%	10%	4%	100%
Choose an item.					100%
Choose an item.					100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	86%	10%	4%	

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)
Hardesty & Hanover, LLC	Principal	1	2
	Supervisor - Eng	3	4
	Engineer	4	6
	Engineer Intern	5	8
	Inspector - Lead	1	1
	Inspector - Certified	1	1
	Administrative	1	2
GOTECH, Inc.	Inspector - Lead	1	2
	Inspector - Certified	2	4
	Inspector	1	2
	Project Office Manager	1	2
Terracon Consultants, Inc.	Engineer	2	4
	Inspector - Certified	2	4

14. Organizational Chart:

IDIQ CONTRACT FOR CONSTRUCTION, ENGINEERING, AND INSPECTION SERVICES FOR TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS (CE&I) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 02, 61 AND 62 CONTRACT NO. 4400034439 AND 4400034440



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Bobby Naghavi, PE	Hardesty & Hanover, LLC	PE #20745 – Civil Engineer, Environmental Engineer	LA	09/30/2026
2	Bobby Naghavi, PE	Hardesty & Hanover, LLC	PE #20745 – Civil Engineer, Environmental Engineer	LA	09/30/2026
3	Bobby Naghavi, PE	Hardesty & Hanover, LLC	PE #20745 – Civil Engineer, Environmental Engineer	LA	09/30/2026
3	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 - Civil Engineer; Environmental Engineer	LA	03/31/2028
3	John Rayer, PE	Hardesty & Hanover, LLC	PE #47089 – Civil Engineer	LA	03/31/2027
4	Bobby Naghavi, PE	Hardesty & Hanover, LLC	PE #20745 – Civil Engineer, Environmental Engineer	LA	09/30/2026
4	Frederick Wetekamm, PE	Hardesty & Hanover, LLC	PE #25369 - Civil Engineer; Environmental Engineer	LA	03/31/2028
5	Kenneth Pecquet, PE	Hardesty & Hanover, LLC	PE #47471 – Electrical Engineer	LA	09/30/2027
5	Marco Lara, PE	Hardesty & Hanover, LLC	PE #44115 – Electrical Engineer	LA	3/31/2026

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Babak Naghavi, PE, PH, PhD	Years of relevant experience with this employer 9
	Title	Regional Manager	Years of relevant experience with other employer(s) 35
	Degree(s) / Years / Specialization		Ph.D. / 1993 / Civil Engineering M.S. / 1982 / Civil Engineering B.S. / 1979 / Civil Engineering
Active registration number / state / expiration date		Professional Engineer: 20745 / LA / 9/30/2026 Professional Hydrologist: 95-H-1121 Certifications: Maintenance and Rehabilitation of Historic Bridges (LADOTD); NEPA Transportation Decision Making Workshop; Work Zone Traffic Control Supervisor/Flagger	
Year registered	1983	Discipline	Civil & Environmental Engineering
Contract role(s) / brief description of responsibilities		Project Manager – Meets MPR 1, 2, 3, & 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).		
08/20 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Project Manager responsible for overseeing 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.		
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Project Manager overseeing the 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.		
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Project Manager overseeing the roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves: new waterline installation, new drainage system, and MSE Wall installation. Ensures all documentation and contract requirements are met. Involved with the submittal, RFI, RFCO, and change order reviews. H&H provides contract administration and performs construction engineering inspection services.		
11/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements CE&I, Jefferson and St. Tammany Parishes, LA - GNOEC Project Manager overseeing construction engineering and inspection services required for the fast-paced \$60M Safety Bay Improvement Project being designed to LADOTD standards and specifications. The project uses the CMAR method. Improvements will add emergency stopping areas on both causeway bridges and will provide six new shoulders in each direction. Responsibilities include field monitoring, documentation, preparation of daily reports, conducting construction progress meetings, construction close-out, etc.		
02/81 – 07/87	Road Design Section, Hydraulics Unit – LADOTD Senior Hydraulics Engineer responsible for the review and design of the numerous roadway and drainage projects including the drainage design of roadway and bridge structures, scour analysis of bridges, and stabilization of stream banks and shorelines. Also developed the Hydraulic Design Manual and all the hydraulics and hydrologic computer programs that were used by the LADOTD, other government agencies, and the consultant community to design the hydrologic and hydraulic structures.		

11/21 – 10/23	H.014363.5 Sidewalk Improvements to Conform to ADA Guidelines, Slidell, LA – LADOTD Project Manager for design services including preliminary and final plans, and project proposal for LADOTD Sidewalk Improvements to Conform to ADA Guidelines. The project begins at the intersection of LA 1091 (Robert Blvd) with US 190 (Gause Blvd) in the city limits of Slidell, LA, then continues North along LA 1091 for 2.0+/- miles to a location 175 ft. north of the intersection of LA 1091 with Country Club Blvd. The survey will extend along all major side roads 50 ft. from the PT of the curbing in each direction. The project includes providing various design services including preliminary plans, final plans, construction engineering, project proposal plans, and inspection for LADOTD Sidewalk Improvements to Conform to ADA Guidelines.
01/19 – Present	H.004396 Lapalco Blvd Movable Bridge over Harvey Canal, Jefferson Parish, Louisiana - Jefferson Parish DPW/LADOTD Project Manager for the pre-design inspection and 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 is constructed as an independent structure adjacent and north of the existing bridge with a new operator house. The project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lane. In addition to design of the new bridge, all roadway approaches and intersections in the vicinity of the bridge (eastbound and westbound) will be redesigned to accommodate the new structure. Scope includes development of a Traffic Control Plan.
11/24 – Present	SR 33 Bridge Replacements, Franklin County, MS – Mississippi DOT Project Manager 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.
09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Project Quality Manager oversaw design and construction quality control/quality assurance for this flyover ramp 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 served as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities included the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H also developed, maintain, and update Contractor Quality Management Plan and provided all necessary qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.
05/13 – 02/17	Glen Oaks Dr (Plank Rd to McClelland Dr) – Baton Rouge DPW Project Manager for the \$10M engineering design for the construction of a three-lane concrete curb and gutter roadway with sidewalks and subsurface drainage on Glen Oaks Dr from Plank Rd to McClelland Dr. Glen Oaks Dr was a one-mi. existing Urban Collector roadway. Project included improvements to several intersections, full topographic survey, subsurface drainage system and outfalls, and hydrologic and hydraulics analysis for the outfalls.
01/09 – 08/10	USACE Contract. W912P8-07-D-0055: Causeway Blvd Overpass Complex - USACE Project Manager for this project that involved the design of north and south roadway approaches for the overpass structures at Causeway Blvd located at Jefferson Parish, LA. The scope of work included precast concrete piles; cast-in-place pile bent caps and concrete decks; approach slabs; and a storm-water drainage pumping station. This project was designed to LADOTD specifications.
06/12 – 12/15	SP No. 737-99-1024 Safe Routes to Schools, Statewide, LA – LADOTD Project Manager providing design and construction engineering and inspection services for selected projects involving sidewalks and related drainage modifications, curb extensions, signing, and striping. Work included sidewalk, signage, and marking improvements in the vicinity of several school areas including Daspit Elementary School in New Iberia, LA; two schools in DeRidder, LA; three schools in Orleans Parish, LA; Mandeville Elementary School in Mandeville, LA; and Hammond Junior High in Hammond, LA.

16. Staff Experience:

	Firm employed by: Hardesty & Hanover			
	Name	Frederick L. Wetekamm, III, PE	Years of relevant experience with this employer	7
	Title	Senior Bridge Engineer	Years of relevant experience with other employer(s)	30
	Degree(s) / Years / Specialization		M.E. / 2018 / Construction Management B.S. / 1984 / Civil Engineering	
	Active registration number / state / expiration date		Professional Engineer: 25369 / LA / 3/31/2028 Certifications: FHWA NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges; FHWA NHI 130055 Safety Inspection of In-Service Bridges; FHWA-NHI 130053 Bridge Inspection Refresher Training; ATSSA Traffic Control Supervisor and Flagger; Maintenance & Rehabilitation of Historic Bridges (LADOTD); FHWA NHI #139005, Driven Pile Foundations – Construction Monitoring	
Year registered	1993	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Project Engineer; Meets MPR 3 & 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).			
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 served as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities included the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H developed, maintained, and updated Contractor Quality Management Plan and provided 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.			
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Construction Project Engineer responsible for managing the roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves: new waterline installation, new drainage system, and MSE Wall installation. Ensures all documentation and contract requirements are met. Involved with the submittal, RFI, RFCO, and change order reviews. H&H provides contract administration and performs construction engineering inspection services.			

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.
11/21 – 10/23	H.014363.5 Sidewalk Improvements to Conform to ADA Guidelines, Slidell, LA – LADOTD Project Engineer for design services including preliminary and final plans, and project proposal for LADOTD Sidewalk Improvements to Conform to ADA Guidelines. The project begins at the intersection of LA 1091 (Robert Blvd) with US 190 (Gause Blvd) in the city limits of Slidell, LA, then continues North along LA 1091 for 2.0+/- miles to a location 175 ft. north of the intersection of LA 1091 with Country Club Blvd. The survey will extend along all major side roads 50 ft. from the PT of the curbing in each direction. The project includes providing various design services including preliminary plans, final plans, construction engineering, project proposal plans, and inspection for LADOTD Sidewalk Improvements to Conform to ADA Guidelines.
01/07 – 12/17	Area Engineer, LADOTD, District 02, LA – LADOTD Project Engineer in responsible charge providing for direct oversight on all construction projects including six roadway restoration projects, five bridge replacement 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.
01/19 – Present	H.004396 Lapalco Blvd Movable Bridge over Harvey Canal, Jefferson Parish, Louisiana - Jefferson Parish DPW/LADOTD Project Engineer for the pre-design inspection and 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 is constructed as an independent structure adjacent and north of the existing bridge with a new operator house. The project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lane. In addition to design of the new bridge, all roadway approaches and intersections in the vicinity of the bridge (eastbound and westbound) will be redesigned to accommodate the new structure. Scope includes development of a Traffic Control Plan.
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.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	Erik Diaz, PE	Years of relevant experience with this employer	7
	Title	Civil Engineer	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		B.S. / 2008 / Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: 37712 / LA / 09/30/2027 Certifications: NHI 130056 Safety Inspection of In-Service Bridges; Maintenance & Rehabilitation of Historic Bridges (LADOTD); NHI 130081 Load and Resistance Factor Design (LRFD) For Highway Bridge Superstructures; NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges	
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Quality Control Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/19 – Present	H.004396 Lapalco Blvd Movable Bridge over Harvey Canal, Jefferson Parish, Louisiana - Jefferson Parish DPW/LADOTD Construction Support Services Engineer for the pre-design inspection and 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 in an urban area. The new bridge will be constructed as an independent structure adjacent and north of the existing bridge with a new operator house. The project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lane, improvements to bridge and roadway approaches, and development of a Traffic Control Plan. All design work is accordance to LADOTD Standards and Specifications and reviewed by LADOTD. Load rating was performed using AASHTOWare BrDR load rating software.			
11/21 – 01/23	H.014363.5 Sidewalk Improvements to Conform to ADA Guidelines, Slidell, LA – LADOTD Construction Support Services Engineer for various design services including preliminary plans, final plans, construction engineering, project proposal plans, and inspection for LADOTD Sidewalk Improvements to Conform to ADA Guidelines. The project begins at the intersection of LA 1091 (Robert Blvd) with US 190 (Gause Blvd) in the city limits of Slidell, Louisiana, then continues North along LA 1091 for 2.0+/- miles to a location 175 ft. north of the intersection of LA 1091 with Country Club Blvd. The survey will extend along all major side roads 50 ft. from the PT of the curbing in each direction. The project includes providing various design services including preliminary plans, final plans, construction engineering, project proposal plans, and inspection for LADOTD Sidewalk Improvements to Conform to ADA Guidelines.			
06/20 – 07/21	Lake Pontchartrain Causeway Safety Bay Improvements CE&I, Jefferson and St. Tammany Parishes, LA Greater New Orleans Expressway Commission Structural Inspector 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, construction close-out, etc.			
02/22 – 02/25	SR826 Palmetto DB Design and Post, Miami-Dade County, FL – Florida DOT Construction Support Services Engineer for this bridge located in downtown Miami urban area. The bridge design requirement was to keep the 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.			

01/20 – Present	H.014530: Almonaster Ave Bridge Rehabilitation and New Connector Road, New Orleans, LA - Port of New Orleans/LADOTD Construction Support Services Engineer for the bridge assessment, complete rehabilitative engineering design, and road design services required for the partial replacement of the Almonaster Ave Bridge and a new connector road. 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 the connecting roads were required to return this bridge to its full operating capability. The road design services included a new alignment for the connecting road including all drainage structures. H&H also developed a hydraulic study and a site plan that included several retention ponds for drainage improvements. Other services included environmental, geotechnical, and pavement design.
07/16 – 07/17	Two US-11 Bascule Bridges over Lake Pontchartrain Rehabilitation, Jefferson and St. Tammany Parishes, LA – LADOTD Senior Movable Bridge Structural Engineer for the comprehensive rehabilitation of one bascule and replacement of another bascule bridge over Lake Pontchartrain. The work on this project included the inspection of old spans, the rehabilitation design development for the north bascule span and fender, as well as the design of construction plans for a new south bascule span.
12/17 – 11/18	Widening of I-12 Bridges in Livingston Parish, Livingston Parish, LA - LADOTD Bridge Engineer for this project located on the heavily traveled I-12 in Livingston Parish, LA. Existing bridge traffic was required to be maintained during construction. H&H designed reinforced concrete slab spans, PPC girder spans, and reinforced concrete pile bents. Detailed and created plans for slab spans, PPC girder spans, and reinforced concrete pile bents. H&H also provided construction support by reviewing submittals and responding to RFIs.
12/12 – 10/15	Houma Navigation Canal Bridge Rehabilitation, Houma, LA – LADOTD Structural Engineer responsible for performing bridge inspections to identify repairs for rehabilitation as well as providing bridge rating to identify areas for strengthening. Also, designed and detailed various elements for bridge rehabilitation.
08/20 – 12/22	SR 605 Bascule Bridge Over Industrial Waterway, Harrison County, MS – Mississippi DOT Senior Bridge Engineer performing the bridge load rating for movable and fixed bridge approaches. Erik contributed to the structural design for the comprehensive rehabilitation of this bascule bridge over the Industrial Waterway. The work on this project includes design and detailing of a new PPC pile-supported reinforced concrete generator platform as well as the design and detailing of steel access improvements. All designs are in accordance with AASHTO, FHWA and MDOT guidelines and specifications. Load rating was performed using AASHTOWare BrDR load rating software.
08/15 – 07/19	Vermillion River Vertical Lift Bridges Rehabilitation, Vermillion Parish, LA – LADOTD Senior Bridge Engineer for the inspection, rating, and final rehabilitation recommendations report for two steel vertical lift bridges over the Vermillion River. The work on this project included inspection and load rating to identify components of the bridge to be rehabilitated and evaluation of various alternatives for strengthening the bridge and increasing vehicular vertical clearance. H&H produced engineers cost estimate for repairs, and prepared final report of recommendations.
06/22 – 08/23	SR-609 Movable Bascule Bridge Rehabilitation, IDIQ Master Bridge Design Contract, Ocean Springs, MS – Mississippi DOT Construction Support Services Engineer responsible for the design, plan review, and quality control for full rehabilitation of SR-609 bascule bridge as a task-order to the IDIQ Master Bridge Contract, which includes engineering assessment, structural and geotechnical design for bridges and retaining walls; hydraulic design for bridges; design for roadway, traffic signals plans, ITS, and roadway lighting; as well as design and constructability review services. All designs will be completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.
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. He observed construction inspection and supervision of repair as well as calculations of wind load and bolt capacity.
11/18 – 08/19	Comite River Diversion East, Baton Rouge Parish, LA - USACE & KCSRR Senior Structural Engineer Representative for KCS Railroad bridge portion of the project that provided flood relief for the Comite River through the construction of a diversion canal connected to the Mississippi River. The project included peer review of plans, calculations and constructability, using AREMA requirements, for a new railroad bridge that intersects with the diversion canal.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	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
Year registered	2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Field 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 Field 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.		
11/21 – 10/23	H.014363.5 Sidewalk Improvements to Conform to ADA Guidelines, Slidell, LA – LADOTD Field Construction Engineer for design services including preliminary and final plans, and project proposal for LADOTD Sidewalk Improvements to Conform to ADA Guidelines. The project begins at the intersection of LA 1091 (Robert Blvd) with US 190 (Gause Blvd) in the city limits of Slidell, LA, then continues North along LA 1091 for 2.0+/- miles to a location 175 ft. north of the intersection of LA 1091 with Country Club Blvd. The survey will extend along all major side roads 50 ft. from the PT of the curbing in each direction. The project includes providing various design services including preliminary plans, final plans, construction engineering, project proposal plans, and inspection for LADOTD Sidewalk Improvements to Conform to ADA Guidelines.		
09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Field 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 served as Design-Builder's Construction Quality Control Firm (CQCF) and oversaw all Design Quality Control and Construction Quality Control activities for the project. Responsibilities included the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H developed, maintained, and updated Contractor Quality Management Plan and provided qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.		
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.		

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.
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 contributing 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 a bridge rating using AASHTOWare Bridge Rating software and STAAD Analysis.
09/19 – 11/19	H.002176.5: LA 10 Bridges (Burton's Lake, Bayou HaHa, Bayou TawPaw) - LADOTD Civil Engineer Intern created General Plans set for three different bridges after receiving information from Road Design and Hydraulics. Linh contributed to the preparation of 60% Preliminary Plans Set to be sent out Hydraulics, Property Survey, and Subgrade Soil Survey sections.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Lance Resendez, PE	Years of relevant experience with this employer 4
	Title	Construction Engineer	Years of relevant experience with other employer(s) 1
	Degree(s) / Years / Specialization		B.S. / 2021 / Civil Engineering
Active registration number / state / expiration date		Professional Engineer: 50916 / LA / 03/31/2028 Certifications: ATSSA Traffic Control Technician / Supervisor	
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Field 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 Field Construction 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 Field Construction 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 Field Construction 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. Prepares all documentation and ensures contract requirements are met. Prepares all submittal, RFI, RFCO, and change orders. H&H provides contract administration and performs construction engineering inspection services.		
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.		
12/22 – 12/25	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish, LA - LADOTD Construction Engineer 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 served as Design-Builder's Construction Quality Control Firm (CQCF) and oversaw all Design Quality Control and Construction Quality Control activities for the project. Responsibilities included 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.
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 rebuild 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 accordance to LADOTD Standards and Specifications and reviewed by LADOTD.
04/22 – 07/22	Lakeview North Group C (RR085) (CE&I), New Orleans, LA - Sewerage and Water Board of New Orleans Field Engineer Intern contributed to the project as a construction inspector. The project consisted of street paving, sidewalks, accessible ramps, driveways, drainage structures, drainage point repairs, and water line replacement within a 38-block range (Robert E Lee to Filmore and West End to Orleans).
01/22 – 04/22	Octavia Street Project (CE&I), New Orleans, LA – Department of Public Works New Orleans Field Engineer Intern contributed as a construction inspector for the project consisting of the reconstruction of all utilities, the roadway, driveways, and sidewalks for the blocks of Octavia St. from 2300 block to 2900 block. The project is a total footage of about 2400 feet. The project had many characteristics to it from air spading for trees to Type C Adjustments for the catch basins. Mr. Resendez oversaw multiple crews daily.

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	Name	Dalton Hunt, EI	Years of relevant experience with this employer	4
	Title	Civil Engineer Intern	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		B.S. / 2017 / Civil Engineering	
	Active registration number / state / expiration date		Engineer in Training: 35118 / LA / 9/30/2026	
Year registered	2022	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Construction Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/22 – 10/23	H.014363.5 IDIQ Contract for ADA Design Projects Statewide, Slidell, LA - LADOTD Engineer Intern responsible for the evaluation and consideration of current sidewalk features of Robert Blvd. in Slidell, LA. Plans were designed and revised in-house in preparation of the overhaul of sidewalks and adding of ADA compliant handicap ramps and landing areas along the roadway to bring the sidewalks up to current LADOTD standards.			
04/22 – Present	H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourge, LA - LADOTD Field Construction 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.			
09/22 – 12/25	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Field Construction 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 served as Design-Builder's Construction Quality Control Firm (CQCF) and oversaw all Design Quality Control and Construction Quality Control activities for the project. Scope included the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H developed, maintained, and updated Contractor Quality Management Plan and provided qualified Inspectors, material sampling, testing, and independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.			
12/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Field Construction Engineer Intern responsible for providing construction contract administration and construction engineering and inspection services for: Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along the relocated LA 302 in Jefferson Parish.			
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Field Construction Engineer Intern assisting with this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. Assists in the preparation of documentation and contract requirements are met. Assists in the preparation of submittal, RFI, RFCO, and change orders. H&H provides contract administration and performs construction engineering inspection services.			

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.
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.
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.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	John Rayer, PE	Years of relevant experience with this employer 2
	Title	Roadway Engineer	Years of relevant experience with other employer(s) 6
	Degree(s) / Years / Specialization		BS / 2018 / Civil Engineering
	Active registration number / state / expiration date		Professional Engineer: LA / 47089 / 03/31/2027
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Office Construction Support Engineer; Meets MPR 3
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).		
08/24 - Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Roadway Construction Engineer for complete rehabilitative engineering design services required for the partial replacement of this movable Strauss-heel trunnion bridge. H&H's 2019 assessment of the circa-1920 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. The project includes the redesign of the existing access roads as well as a new connector road to improve safety and access to the bridge. John is performing quality control on the roadway elements of this project.		
08/24 – Present	H.004396 Lapalco Blvd. Movable Bridge over Harvey Canal, Jefferson Parish, LA - Jefferson Parish DPW/LADOTD Roadway Construction Engineer 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 to 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 accordance to LADOTD Standards and Specifications and reviewed by LADOTD.		
11/24 – Present	SR 33 Bridge Replacements, Knoxville, MS – Mississippi DOT Roadway Engineer 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.		
04/24 – Present	H.009730.5 SNBI Data Collection, Statewide, LA - LADOTD Roadway Engineer responsible for retrieving, verifying, and entering the Specifications for the Nation Bridge Inventory (SNBI) data into InspectX for the bridges statewide for Louisiana Department of Transportation and Development (LADOTD). Tasks include review of pertinent documents such as rehabilitation plans, as-built plans, shop drawings, and inspection reports. These documents will be obtained from various LADOTD offices including General Files, Bridge Design Section, Bridge Maintenance Section, and District offices. Necessary information will be collected from the site when such information is unavailable from the plans.		

09/24 – Present	US 90 Bridge Replacement, Terrell County, TX – TxDOT Roadway QC Reviewer for the replacement of two US 90 bridges at Sanderson Canyon. One of the existing bridges is 322 ft. long, with eight spans of approximately 40 ft. each, and the new bridge will be 339 ft. long with three spans of 113 ft. each. The other existing bridge is 520 ft. long with 13 spans of approximately 40 ft. each and is over existing UPRR tracks; the new bridge will be 623 ft. long with four spans varying from 138 ft. to 150 ft. each. John's responsibilities include independent review of bridge plans prepared by the prime.
01/21 – 12/23	H.012001 – LA 339: Canal & Creek Bridges, Various Locations, LA – LADOTD Roadway Engineer for this bridge replacement project. The goal of the project was to replace three existing bridges with new, reinforced concrete box culverts on LA 339. John developed the 60% final roadway plans and calculations as well as the cost estimates for each phase of the project. The estimated cost for this project at 60% Final Plans was approximately \$2,500,000.
02/22 – 08/23	H.008220 – LA 406: Roundabout at F Edward Hebert Blvd., Plaquemines Parish, LA - LADOTD Lead Roadway Designer and Plan Developer for this high-speed roundabout project in Plaquemines Parish, Louisiana. The roundabout is located at the intersection of LA 406, F Edward Hebert Blvd., and Keating Dr. John was responsible for the geometric design of the roundabout, drainage design, and sequencing of construction. John worked on the project through 95% Final Plans in 2023. The estimated project cost at the time was \$3,000,000 to \$4,000,000.
06/21 – 10/22	H.008358 – Black Bayou Bridge, Madisonville, LA – LADOTD Roadway Engineer for this bridge replacement project in Madisonville, Louisiana along the Tchefuncte River on LA 1077. John's role for the project was to develop the alignment of the roadway and the diversion roadway for construction. John also developed the cost of construction for the roadway aspects of the project. The construction cost of the project at bid was \$4,291,639.25.
01/21 – 11/22	H.010885 – LA 91: Bayou Plaquemine Brule BR Replacement, Acadia Parish, LA – LADOTD Roadway Engineer for this bridge replacement project in Acadia Parish, LA. The existing pontoon bridge was to be replaced with a new bridge that met vertical requirements for boat traffic. John's responsibilities as Roadway Designer including creating an alignment for the new bridge to reconnect to the existing roadways. The bridge and roadway needed to be lengthened and raised substantially more than was originally proposed to allow for adequate vertical clearance in the waterway, which resulted in the project being put on hold due to the added construction costs.
06/18 – 8/20	I-10 Widening through Baton Rouge, Baton Rouge, LA – LADOTD Roadway Designer for this project which consisted of developing alternatives and cost estimates for the expansion of I-10 through Baton Rouge, Louisiana from the I-10/I-12 split to LA 415. John's role for this project was to calculate the quantities and costs. After presenting alternatives and developing estimates, the final estimated cost, with contingencies, was approximately \$1 billion.
06/18 – 12/20	LA 336, Breaux Bridge, LA – LADOTD Roadway Designer for this restoration project located in downtown Breaux Bridge, Louisiana. The project consisted of the restoration of a historical lift span bridge. John's responsibilities on this project included developing calculations and drawings for the lift and bridge sections.
01/23 – 10/24	Emerald Forest Blvd. to LA 59 Expansion Study, Covington, LA – St. Tammany Parish Roadway Engineer for this project consisting of an alignment study for a new roadway to be proposed between US 190 and LA 59 in Covington, Louisiana. John's responsibilities on this project included developing three alternatives to present to St. Tammany Parish. Each alignment consisted of multiple roundabouts at intersections along the proposed roadways.
03/23 – 10/24	Pontchartrain Yacht Club Bulkhead Improvements, Mandeville, LA – Pontchartrain Yacht Club Lead Roadway Engineer for the replacement of the bulkhead around the Pontchartrain Yacht Club in Mandeville, Louisiana. As Lead Engineer, John was responsible for the preparation of plans and calculations of the bulkhead section.

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	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 Construction 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 the LADOTD, designed upgrades and improvement to the stormwater drainage and incidental road repair, and designed new utilities, including water, sewage, and drainage. Project deliverables included typical sections, summary of quantities, plan and profile sheets, construction cost estimates, and cross-section profiles.
11/17 - 01/24	RR011 Broadmoor Group C, New Orleans, LA - City of New Orleans Project Designer for this FEMA-funded roadway enhancement and reconstruction project located in the Broadmoor Neighborhood of New Orleans. Lauren assisted in the design of two full block removals and replacements, including surface asphalt, upgrade of utilities including water and storm drainage, implementation of ADA-compliant ramps, and point repairs of the sidewalk and driveways. She utilized drainage calculations, performed with the use of the HYDRWIN for the drainage system design and upgrade. Tasks for this project include site visits, design meetings, design deliverables, and resolution of review comments.
05/18 - 11/21	Hagan-Lafitte Drainage Design and Green Infrastructure, New Orleans, LA - City of New Orleans Hydraulics Modeler for engineering design and PCSWMM modeling for this large FEMA-funded project to improve drainage and reduce flooding in the Hagan-Lafitte Neighborhood. With the use of the PCSWMM model, Lauren identified areas most vulnerable to flooding within the neighborhood to strategically design and place green and grey infrastructure facilities for the greatest possible flood reduction. She assisted with production of project drawings and flood maps, as well as project inspection while work was under construction.

16. Staff Experience:

	Firm employed by		Hardesty & Hanover	
	Name	William Farber, EI	Years of relevant experience with this employer	1
	Title	Roadway Designer	Years of relevant experience with other employer(s)	5
	Degree(s) / Years / Specialization		BS / 2018 / Civil Engineering	
Active registration number / state / expiration date			Engineer in Training: 33903 / LA / 03/31/2027	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Construction 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).			
10/24 - Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD Roadway 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.			
10/24 – Present	H.004396 Lapalco Blvd Movable Bridge over Harvey Canal, Jefferson Parish, Louisiana - Jefferson Parish DPW/LADOTD Roadway 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 is constructed as an independent structure adjacent 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/bike lane. In addition to design of the new bridge, all roadway approaches and intersections in the vicinity of the bridge (eastbound and westbound) will be redesigned to accommodate the new structure. Scope includes development of a Traffic Control Plan.			
11/24 – Present	SR 33 Bridge Replacements, Franklin County, MS – Mississippi DOT Roadway 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 is 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 MDOT’s 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.			
09/24 – Present	H.009730.5 SNBI Data Collection, Statewide, LA – LADOTD Roadway Designer for retrieving, verifying, and entering the Specifications for the Nation Bridge Inventory (SNBI) data into InspectX for the bridges statewide for Louisiana Department of Transportation and Development (LADOTD). Tasks include review of pertinent documents such as rehabilitation plans, as-built plans, shop drawings, and inspection reports. These documents will be obtained from various LADOTD offices including General Files, Bridge Design Section, Bridge Maintenance Section, and District offices. Necessary information will be collected from the site when such information is unavailable from the plans.			
11/18 – 10/20	Dynamic Roadway Evaluation of Various Bridges & Freeways, Statewide Delaware & San Francisco, CA –DelDOT & Caltrans Civil Designer for this roadway evaluation project. The project consisted of using Soundar to evaluate roadways while in motion. The Soundar is a mobile ultra-seismic sounding device that consists of 12 hammers and a microphone used to collect sounding data as it is pulled behind a truck traveling at about 10 mph. Will operated the Soundar machine, made repairs as necessary, and analyzed the results. Will worked on several parts of Delaware’s interstate system as well as a few bridges in the San Francisco Bay area.			

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	Name	Courtney Mai, EI	Years of relevant experience with this employer	1
	Title	Roadway Designer	Years of relevant experience with other employer(s)	3
	Degree(s) / Years / Specialization		B.S. / 2018 / Civil Engineering	
	Active registration number / state / expiration date		Engineer in Training: 35745 / LA / 09/30/2026	
Year registered	2024	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Designer	
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).			
04/24 - Present	H.004396 Lapalco Blvd Movable Bridge over Harvey Canal, Jefferson Parish, Louisiana - Jefferson Parish DPW/LADOTD Engineer Intern 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 in an urban area. The new bridge will be constructed as an independent structure adjacent and north of the existing bridge with a new operator house. The project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lane, improvements to bridge and roadway approaches, and development of a Traffic Control Plan. All design work is accordance to LADOTD Standards and Specifications and reviewed by LADOTD.			
04/24 - Present	H.014530: Almonaster Ave Bridge Rehabilitation and New Connector Road, New Orleans, LA - Port of New Orleans/LADOTD Engineer Intern for the complete rehabilitative engineering design, and road design services required for the partial replacement of the Almonaster Ave Bridge and a new connector road. 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 the connecting roads were required to return this bridge to its full operating capability. The road design services included a new alignment for the connecting road including all drainage structures. H&H also developed a hydraulic study and a site plan that included several retention ponds for drainage improvements. Other services included environmental, geotechnical, and pavement design.			
04/24 - Present	H.009730.5 SNBI Data Collection, Statewide, LA – LADOTD Engineer Intern for retrieving, verifying, and entering the Specifications for the Nation Bridge Inventory (SNBI) data into InspectX for the bridges statewide for Louisiana Department of Transportation and Development (LADOTD). Tasks include review of pertinent documents such as rehabilitation plans, as-built plans, shop drawings, and inspection reports. These documents will be obtained from various LADOTD offices including General Files, Bridge Design Section, Bridge Maintenance Section, and District offices. Necessary information will be collected from the site when such information is unavailable from the plans.			
04/24 - 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 US 90 bridges at Krotz Springs have been completed to date.			
07/24 – 12/24	I-110 Bascule Bridge over Biloxi Back Bay Inspection, Biloxi, MS - Mississippi DOT Structural Inspector providing routine and fracture critical structural inspection of all components of the bascule and anchor spans per the Movable Bridge Inspection Manual. Providing NBIS and element inspection for the entire bridge.			

06/24 – 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.
04/24 - Present	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Engineer Intern for construction quality control/quality assurance for this flyover ramp 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 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, and independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.
12/24 - Present	LA 56 Boudreaux Canal MB Replacement; H.002244.5, Terrebonne Parish, LA - LADOTD Structural Intern assisting in the 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.
01/25 - Present	H.015963.5 IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA - LADOTD Structural Designer assisting in developing plans and specifications to accommodate new pedestrian gates to this vertical lift bridge in accordance with LADOTD policies and standards. Providing new ADA accessible pedestrian gates and signage to pedestrian gate panel warning do not proceed. Also detailing Traffic Control plan sheets.
06/24 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Field Construction 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.
05/19 – 05/22	Engineer Intern for various following projects: • Designed various pipe racks, access tunnels, and rock anchors for underground mining for Freeport. • Designed various foundations and equipment platforms such as monorails, tank supports, pipe supports for industrial facilities. • Inspection of various wharves throughout the New Orleans area. Performed inspection and developed inspection reports. Assisted in design and load capacity. • Design of equipment supports and pipe racks for offshore platforms. • Design of pipe supports, foundations, access platforms, auxiliary building for industrial complexes.

16. Staff Experience:

	Firm employed by Hardesty & Hanover			
	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 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).			
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Electrical Construction Engineer 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 (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 the 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 was 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	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 / 3/31/2026 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 5	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
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 was 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.		

06/14 – 07/15	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.
11/11 – 10/14	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.
07/18 – 12/20	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 changeout 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.
07/07 – 06/15	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.
07/09 – 06/11	State Government Bridge Inspections, Districtwide, FL - FDOT Electrical Inspector and Designer responsible for routine inspections of a state and locally owned movable bridges. Tasks involved inspection and evaluation of the electrical elements and reporting in FDOT PONTIS system. Tasks included inspection and evaluation of corrosive effects and damage to electrical system and recommendations to mitigate or impede the deterioration of metallic components.
01/13 – 12/14	Columbus Road Vertical Lift Bridge, Cleveland, OH - Cuyahoga County Department of Public Works Electrical Inspector responsible for inspection of installation of the new electrical service, backup generator, motor control center, span drive motors and variable speed drive, traffic and barrier gates, and control panels. Additional responsibilities included the in-depth inspections of the bridge electrical system to ensure compliance with the National Electrical Code (NEC) 2014, American Association of State Highway and Transportation Officials (AASHTO) 2nd Edition 2007, and 2013 International Electrical Testing Association (NETA) Standards. Additional duties included the on-site inspection during the float-in and installation of a new movable span onto the rehabilitated counterweight towers. Witnessed the functional checkout testing of electrical control and drive systems. Additional responsibilities included engineering support and recommendations to Cuyahoga County Department of Public Works throughout the project.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	Christopher Aubert, EI	Years of relevant experience with this employer 4
	Title	Electrical Engineer Intern	Years of relevant experience with other employer(s) 0
	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		Field Electrical 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 Construction 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 Construction Intern providing electrical engineering inspection during the construction of a newly designed 100-ft-long vertical lift bridge and operator's house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 ft of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs.		
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Electrical Inspector for Calcasieu River Vertical Lift Bridge at West Fork. The electrical system routine inspection included inspecting accessible components of the main bridge power distribution, bridge grounding system, motor controls, control systems (panel and consoles), electrical systems for the traffic control lighting system, traffic gate assemblies, traffic resistance barriers, span lock motors, span drive braking system, span drive motors, limit switches and related conduit and wiring.		
08/22 - Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Electrical Inspector for the rehabilitation and partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge. H&H's assessment revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. H&H developed necessary design plans to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.		
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Electrical Designer assisting in the development of electrical components of LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).		
08/22 – 08/24	H.002798.6 Bayou Teche Movable Bridge at Oaklawn, St. Mary Parish, LA - LADOTD Electrical Designer contributing to the design, calculations, plan preparation, and inspection services for the bridge power distribution and relay-based control system for this movable bridge. The new through girder swing-span rotates with hydraulically actuated slewing (push-pull) cylinders		
08/22 – 12/23	SR-605 Movable Bascule Bridge over Industrial Waterway, Harrison County, MS - MDOT Electrical Inspector contributing to the electrical inspection and design for the full rehabilitation of SR-605 bascule bridge as a task-order to the IDIQ Master Bridge Contract which includes engineering assessment, mechanical, electrical, and structural design in addition to the preparation of Traffic Control Plans. All designs will be completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.		

08/22 – 08/23	SR 609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS – MDOT Electrical Inspector contributed to the electrical inspection and design for the full rehabilitation of SR 609 bascule bridge as a task-order which included developing standard and special bridge services statewide for MDOT. The scope of work included inspection and rehabilitation of structural, mechanical, and electrical bridge components, roadway approaches, and development of maintenance and repair plans. Provided construction support services as part of the full rehabilitation of the SR 609 bascule bridge. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.
12/24 - Present	IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA – LADOTD Electrical Designer assisting in the development of plan sheets, creating electrical general plan in accordance with LADOTD policies and standards, adding new operable pedestrian gates for pedestrian walkway on the fixed spans beyond both ends of the lift span.
09/22 – 03/23	NASA Stennis Bridge Inspection, Kiln, MS - National Aeronautics and Space Administration (NASA) Electrical Inspector provided electrical engineering inspection for the SR 607 Trent Lott Boulevard Bridge over the Navigable Waterway located at the NASA John C. Stennis Space Center. The scope of the project was a routine mechanical and electrical inspection of a bascule bridge and an inspection report. During the inspection of the bascule bridge and operator house, Chris provided electrical inspection services.
01/24 – 05/24	Port Aransas Ferry Mechanical / Electrical Inspection, Port Aransas, TX – TxDOT Electrical Inspector for inspection of mechanical and electrical systems of Corpus Christi SH 361 Ferry Ramps 1-11. Each of the Harbor Island ferry ramp structures consists of a ferry landing with two tower structures supporting a movable span (or ramp), which lowers onto the deck of the ferry. The scope included performing a condition assessment of all electrical and mechanical systems, measurement of motor loads during operation, insulation resistance testing of the motor windings, and identifying deficiencies within the mechanical and electrical systems that require action to improve the operation and reliability of the ramp systems. H&H created reports for the inspection process and element level assessment of the current conditions of the mechanical and electrical systems of the ramps including recommendations for repair, rehabilitations, 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.
08/22 – 08/24	Bayou Teche Movable Bridge at Oaklawn, Franklin, LA - LADOTD Electrical Designer assisting with 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.

16. Staff Experience:

	Firm employed by Hardesty & Hanover		
	Name	James Burkes	Years of relevant experience with this employer
	Title	Construction Inspector	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		A.S. / 2007 / Drafting Design
Active registration number / state / expiration date		Certifications: ATSSA Traffic Certified, Louisiana Nuclear Radiation Safety Certified, Certified Linear Surveyor, Certified Asphalt Inspector, Certified Concrete (PCC) Inspector, Hazardous Materials Safety Certified, ORM Blood-borne Pathogens, Plan Reading Certified	
Year registered		Discipline	N/A
Contract role(s) / brief description of responsibilities		DOTD Inspector - Certified	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/23 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD LADOTD Certified Inspector providing construction inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Burkes is providing inspection services.		
04/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD LADOTD Certified Inspector responsible for providing construction inspection services for the Bayou Barataria Movable Bridge Replacement project. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
06/23 – 12/25	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Inspector for the construction of this road and bridge design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H served as Design-Builder’s Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Burkes provides inspection services.		
06/24 – Present	H.002264 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 2, LA 302, Jefferson Parish, LA – LADOTD LADOTD Certified Inspection responsible for providing construction inspection services for this roadway reconstruction project, which provides a new roadway alignment on LA 45 to approach the new bridge LA 302 and roadway improvements on the west side of the new bridge, LA 3257. The new alignment on LA 45 involves the following: new waterline installation, new drainage system, and MSE Wall installation. H&H provides contract administration and performs construction engineering inspection services.		
12/12 – 03/23	Various Projects - LADOTD Engineering Technician 4 - LADOTD Mr. Burkes’ role included construction inspection for numerous projects for quality control and quality assurance. He was often used as an internal traffic expert in his unit. He managed pay items and daily diaries to maintain fiscal accountability. He also communicated with external vendors and contractors as a liaison for the state of Louisiana. He onboarded new inspectors and coordinated activities between departments such as material lab, maintenance, and onsite teams.		
10/14 – 09/16	St. Bernard Avenue Overlay with Slope Corrections, Chalmette, LA - LADOTD Lead Field Inspector responsible for daily log input into Site Manager, including pay items and quantities input. Mr. Burkes was also responsible for field quality testing, asphalt depth consistency, road width, and length. Roadway reports and coring locations also fell under his responsibilities.		

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

16. Staff Experience:

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

16. Staff Experience:

	Firm employed by GOTECH, Inc.			
		Randall Oustalet, PE	Years of relevant experience with this employer	7
	Title	Project Office Manager	Years of relevant experience with other employer(s)	40
	Degree(s) / Years / Specialization		BS / 1985 / Civil Engineering	
	Active registration number / state / expiration date		Professional Engineer: 37680 / LA / 9/30/2027	
	Year registered	2013	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities			Project Engineer / Project 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).			
01/24 - Present	LA 24 & LA 306: Company Canal Bridge (SPN: H.001498.6), LADOTD Project Office Manager for this is \$28 million project for the replacement of a moveable bridge over the Bayou Terrebonne. GOTECH is a subconsultant to Hardesty & Hanover, LLC for CE&I, and Mr. Oustalet is completing the “2059” for this project. He ensures the proper Quality Assurance documentation has been completed for the project. He is generating the Summary of Test results, following the check lists and ensuring completion of all required documentation so the project can be closed out. He is checking all documentation that has been recorded in Headlight and Site Manager, as well as checking the As-Builts to make sure they are completed. He is checking 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 is properly documented and recorded in Site Manager for project closeout.			
05/22 - 10/23	State Project No. H.014048.6: S. Tangipahoa Roads – Pavement Rehab (CE&I), Tangipahoa Parish, LADOTD 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, LADOTD 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, LADOTD 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)			
02/17 - 06/20	State Project No. H.007175: Lapalco Boulevard (Victory – Westwood), Jefferson Parish, LADOTD 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, LADOTD 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			

2009-2013	USACE Construction Management Architectural/Engineering Contract GS-12 equivalent Team Leader on: Contract No. W912P8-09-C-0041, West Bank and Vicinity, New Orleans, LA, WBV-90, Gulf Intracoastal Waterway West Closure Complex (GIWW WCC), Plaquemines and Jefferson Parishes, Louisiana. This project included both the base items and all option items in the amount of \$955M. The closure complex consisted of the construction of a navigable 225-foot sector gate, a 300-foot combi-wall closure, and 19,140 cubic feet per second pumping station. Mr. Oustalet's responsibilities included acting as primary representative on behalf of USACE Construction Division working in conjunction with the Engineering Division for issuing contract modifications and various work packages through the Early Contractor Involvement process. He coordinated all Non-Destructive testing and documentation associated with all facets of sector gate and pipe fabrication. Also acted on behalf of USACE to investigate and report on incidents of safety and documented associated After-Action Review reports for purposes of "Lessons Learned".
2006-2009	USACE Construction Management Architectural/Engineering Contract Construction Manager on: Contract No. W912P8-04-C-0012, West Bank and Vicinity, New Orleans Louisiana, Hurricane Protection Project, West of Algiers Canal, Harvey Canal Sector Gate Complex, Jefferson Parish. This project consisted of construction of 30,000 square foot cofferdam for 28' excavation cut, 97,799 CY dredging, 23,700 LF of 24" diameter pipe pile, fabrication of 2-120 ton sector gates, 33,000 tons rip rap, 33,200 CY levee embankment, 34,000 SF sheeting etc.. Mr. Oustalet's duties included preparing government estimates for potential contract modifications, maintaining balanced funds for ongoing internal labor chargers, maintaining submittal logs and records for assisting local area office and investigating and documenting After Action Reports for safety incidents.
2005-2006	USACE Contracts Contract No. W912P8-C-0004, Fisher Basin Flood Protection Project, Town of Jean Lafitte This project which consisted of 2.6 miles of earthen levee embankment construction, 500' of flood walls and improvement to two existing pumping stations. Contract No. W912P8-C-0014, Lake Pontchartrain, Louisiana and Vicinity, Hurricane Protection Project, Reach 4, 2nd Lift, Lakefront Levee, B/L Sta. 338+00 to B/L Sta. 420+91.17 Jefferson Parish, Louisiana. Project Engineer on the above two USACE contracts. His duties included processing monthly contractor pay request, overseeing 3-phase construction quality assurance in conjunction with local inspectors and overall inspection duties, produced final close out documents such as Narrative Completion Report, As Built drawings and reviewed payroll documents for compliance with Davis Bacon Act.
2000-2005	USACE - Southeast Louisiana (SELA) Urban Flood Control Project in Jefferson Parish, Whitney Barataria Pump Station Phase II Quality Assurance Representative on: State Project No. 576-26-007 Southeast Louisiana (SELA) Urban Flood Control Project in Jefferson Parish, Whitney Barataria Pump Station Phase II. Mr. Oustalet was responsible for the QAR program which included producing and maintaining daily QAR reports, submittal registry and payroll records.
1995-2000	Inspector on civil improvement projects for various municipalities including Jefferson Parish Drainage Department, Louisiana Department of Transportation and Development, City of Jean Lafitte and City of Mandeville.
1988-1995	GOTECH, INC. Consulting Engineers, Baton Rouge, Louisiana Estimator and Scheduler on commercial and industrial construction projects for various agencies including New Orleans Regional Transit Authority, East Baton Rouge Parish and Louisiana Department of Transportation and Development.
1985-1988	T. L. James & Company, Inc., Kenner, Louisiana Estimator in the Asphalt Division. He prepared estimated and monitored costs of ongoing projects for State of Louisiana highway projects.

16. Staff Experience:

	Firm employed by GOTECH Inc..		
	Name	Ken Prescott	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 Civil Engineering & Technology / 1972
	Active registration number / state / expiration date		Certifications: Traffic Control Supervisor – ATSSA; Registered Flagger – ATSSA; LA DOTD Certified Portland Cement Concrete Paving Inspector; LA DOTD Embankment & Base Course Inspector
Year registered	N/A	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).		
06/22 - Present	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Inspector for providing inspection services 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.		
03/21 - Present	Runway13-31 Safety Area and RPZ Improvements – PH I AIP 3-22-0006-1110-2018 (H.013690) - LADOTD 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.		
02/19 - 08/20	LA 347 to Atchafalaya Floodway Bridge I-10 Widening and Reconstruction, St. Martin Parish (4400004729; H.003014) - LADOTD 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 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) - LADOTD Certified 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.		
10/09 – 10/22	Sales Tax Rehabilitation Road Program – City of Baton Rouge Asphalt Paving Inspector for the long-standing Road Improvement Program in Baton Rouge. His duties include 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.		
02/09 – 08/12	I-12 Widening from O’Neal to Denham Springs (454-01-0047 & 454-02-0025) - LADOTD Certified 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	John Poche	Years of relevant experience with this employer	11
	Title	Certified Inspector	Years of relevant experience with other employer(s)	39
	Degree(s) / Years / Specialization		N/A	
	Active registration number / state / expiration date		Certifications: LADOTD Structural Concrete Inspector, LADOTD Asphalt Concrete Paving Inspector, LADOTD Asphalt Concrete Plant Inspector, LADOTD PCC Paving Inspector, LADOTD Authorized Profilograph Operator, LADOTD Authorized Profilograph Evaluator, LADOTD Concrete Field Tester, ATSSA: Traffic Control Technician, Traffic Control Supervisor, Registered Flagger	
Year registered	N/A	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.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/20 – 07/22	LADOTD - 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. 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.			
03/12–Present	Construction Inspection Support Annual Contract–SSO Program Inspection, East Baton Rouge Parish, LA 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.			
05/18 – 10/22	Sales Tax Street and Road Rehabilitation Program Construction Supervision and Inspection, City of Baton Rouge/ERB Parish Construction inspector 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 a 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	LADOTD - I-12 Widening Design/Build O’Neal Lane to Denham Springs – SPN: 454-01-0047 & 454-02-0025 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	LADOTD - John James Audubon Bridge Design/Build, St. Francisville, LA 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	Charles Stewart	Years of relevant experience with this employer
	Title	Inspector	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		B.S. / 1983/ Civil Engineering
Active registration number / state / expiration date		Certifications: Traffic Control Technician; Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		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).		
10/24 – Present	University Lakes Project, East Baton Rouge Parish, LA For this \$20M project, Mr. Stewart is responsible for documenting the contractors’ dredging and construction activities and providing daily inspection reports to the Project Manager.		
05/24 – 10/24	LA DOTD – State Project No. H.013897 I-10 & I-12 College Drive Fly Over, East Baton Rouge Parish, LA Mr. Stewart was part of the inspection team performing all the inspection work for this project. Mr. Stewart was responsible for sampling concrete, making cylinders, slump test, and air test and keeping record of the results with the truck ticket for many pour sites throughout the project.		
08/23 – 05/24	LA DOTD – State Project No. H.006459 Roundabout @ Churchpoint Rd and Roddy Rd, Ascension Parish, LA Mr. Stewart started this job at the preconstruction meeting and was the inspector to near completion. He was responsible for putting all the daily inspection reports in Headlight. He was responsible for documenting according to DOTD requirements all that the contractor did on the project.		
04/23 – 08/23	LA DOTD - State Project No. H.014930 Rumble Strips: District 61 – Area C Mr. Stewart served as the construction inspector for the application of the rumble strips and restriping for various routes in Ascension, Assumption, Iberville, and St. James Parish. Mr. Charles used Headlight to record all the daily inspection reports. He was responsible for reading the plans and making sure the contractor did the correct areas. He computed all the quantities and made sure they agreed with what the contractor had.		
09/20 – 04/23	Department of Transportation and Drainage Annual Road Rehabilitation, East Baton Rouge Parish, LA Mr. Stewart again served as a construction inspector for EBR’s road rehabilitation. He was responsible for record keeping, preparation of inspection and testing reports, insuring the plans and specifications were being followed by the contractors, and checking for compliance to environmental quality, storm water management, and traffic safety plans.		
08/12 – 09/20	Construction Inspection Support Annual Contract – SSO Program Inspection, East Baton Rouge Parish, LA Mr. Stewart, as a Field Inspector, his responsibilities include the observation and documentation of contractor activities. Documentation included field book, daily diary, sewer quantity report (SQR), quantity pay sheet, weekly quantity sheet (WQS), as-built drawings or any other SSO Program documentation required. Mr. Stewart as Field Inspection staff routinely schedules testing lab technicians and provides Field Testing Service Ticket used to verify monthly payment log.		

02/09 – 08/12	LA DOTD I-12 Widening Design/Build: SPN: 454-01-0047 & 454-02-0025, East Baton Rouge & Livingston Parishes, LA Mr. Stewart served as construction inspector on the LADOTD I-12 Widening Design/Build State Project. Mr. Stewart primarily monitored, inspected and documented all pile driving operations and has demonstrated his ability to operate a Saxometer and accurately documented field driving logs for piles of 30 and 36 inch ranging in lengths from 72 to 140 feet. His duties also included calculating pile cutoff tip elevations and compiling all required data for geotechnical evaluation of pile capacity. Mr. Stewart also assisted with Traffic Control specification and effectively monitors any deficiency that might occur. He studied the Environmental policy for the project and accompanied the environmental specialist on their weekly rounds and documented all discrepancies along the project length.
03/02 – 02/09	Transportation & Street Improvements Program “Green Light Plan”, East Baton Rouge City Parish, LA Mr. Stewart served as a construction inspector for the long-standing Road Improvement Program in Baton Rouge, this project was previously the Sales Tax Rehabilitation Road Program. Mr. Stewart served in this capacity for 20 years. 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.
05/93 – 03/02	Sales Tax Rehabilitation Road Program – City of Baton Rouge, LA Mr. Stewart served as a construction inspector for this Road Improvement Program in Baton Rouge for asphalt and concrete roadways. 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 the plan and specification requirements.

16. Staff Experience:

	Firm employed by GOTECH, Inc.		
	Name	Nathan Millard	Years of relevant experience with this employer 14
	Title	Certified Inspector	Years of relevant experience with other employer(s) 16
	Degree(s) / Years / Specialization		Associate degree in Drafting & Design / 2001
	Active registration number / state / expiration date		Certifications: Certified Traffic Control Supervisor – ATSSA; Flagger – ATSSA; LADOTD Portland Cement Concrete Paving Technician; LADOTD Structural Concrete Inspector/Technician; LADOTD Embankment & Base Course Inspector; LADOTD Authorized Nuclear Density Operator, LADOTD Profilograph Evaluator, LADOTD Authorized Density Tester
Year registered	N/A	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).		
07/22 - Present	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Inspector for providing inspection services 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.		
05/20 - 09/21	IDIQ Denham Springs Rd Signing & Striping (CE&I): Livingston Parish, Louisiana (4400013851; H.013532) - LADOTD Certified Lead inspector for the Signing and Striping project. The local road safety upgrade project was located in Tangipahoa Parish. GOTECH provided services as a subconsultant 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	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) - LADOTD Certified Structural Inspector and as a certified concrete paving inspector provided inspection services for the I-10 Highway construction project. 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.		
09/17 - 06/18	Julia Street Overlay and Widening Project - Denham Springs: Livingston Parish, Louisiana – CE&I (H.011248) - LADOTD 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. GOTECH provided daily reports, inspection of traffic controls and coordination of site testing.		
03/11 – 08/12	I-12 Widening Design/Build O’Neal Lane to Walker: East Baton Rouge Parish and Livingston Parish, LA (454-01-0047 & 454-02-0025) - LADOTD Certified Structural Inspector during the construction phase of 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	LADOTD Construction Inspector Previous experience included seven 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 Terracon Consultants, Inc.			
	Name	Lynne Roussel, PE	Years of relevant experience with this employer	21
	Title	Principal	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		M.S. / 2005 / Geotechnical Engineering B.S. / 2003 / Civil Engineering	
	Active registration number / state / expiration date		P.E. 35152 / Louisiana / March 31, 2026	
Year registered	2009	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Materials Testing 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).			
12/1/20 - Present	Contract No. 4400019014; IDIQ Contracts for Professional Geotechnical Services Statewide - LADOTD Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 Million.			
10/22-02/25	H.003931.5-2; I-10 - Calcasieu River Bridge Additional Borings, Lake Charles, LA. – LADOTD Project Reviewer and Contract Manager. Terracon conducted subsurface exploration and laboratory testing to support the replacement of the I-10 Calcasieu River bridge in Lake Charles, LA. Their work included 37 deep bridge borings—some over water and within a navigable channel—and 39 shallow roadway borings. They later advanced 17 additional borings using marsh buggy and ATV-mounted drill rigs along various segments of the I-10 corridor. Soil samples were collected using standard methods, and groundwater levels were monitored during drilling. In the lab, Terracon performed tests for moisture content, plasticity, particle-size distribution, density, and triaxial compression strength, all in accordance with ASTM and LDOTD standards.			
06/19 – 3/20	H.004100 I-10 Widening; Baton Rouge, LA – LADOTD Senior Engineer. Supervised the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. The team worked safely around traffic and lane closures on the interstate near College Drive.			
05/18 - Present	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA - LADOTD Project Manager. Overseeing the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment.			
05/18 – 11/20	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA – LADOTD Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration including water borings in Contraband Bayou and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.			
07/16 – 07/21	Contract No. 4400006191, Geotechnical Retainer Contract, Statewide – LADOTD Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.			

01/10 – 03/12	H.0051.21 - LA-1 to I-10 Connector - Port Allen, LA – LADOTD Project Manager. Managed the design of a new connector between LA 1 and I-10 near the Intracoastal Canal in West Baton Rouge Parish, Louisiana. The project consisted of a bridge over the Intracoastal Canal, a flyover connector to LA 1 and associated roadway. Soil borings and Cone Penetrometer Test (CPT) probes associated with the bridges and roadway were completed. All calculations were consistent with DOTD pavement design standards. Settlement analysis was performed for the approach embankments. Pile capacities were also provided for the elevated structure.
01/11 – 12/11	H.006372: Carter Crossing over Dugdemona River - Winn Parish, LA – LADOTD Project Manager. Performed the subsurface evaluation and engineering design of this DOTD Off-System Bridge project. The bridge at Carter Crossing over Dugdemona River was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
09/08 – 11/08	Interstate 12 Widening - East Baton Rouge and Livingston Parishes, LA – LADOTD Project Manager. Managed the interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of the widening of Interstate 12 to six lanes from O'Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. She worked with Terracon team to make sure the schedule was met by using multiple drill rigs to complete the field work. The work completed by Terracon has received high marks from the design-build team.
12/05 - 07/12	Off-System Bridge Program, Statewide in LA - LADOTD Project Manager. Managed multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in various geologic settings.

16. Staff Experience:

	Firm employed by Terracon Consultants, Inc.		
	Name	Sarah Nadelson, PE	Years of relevant experience with this employer
	Title	Engineer	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		M.S. / 2018 / Civil Engineering B.S. / 2016 / Engineering
	Active registration number / state / expiration date		49974 / LA / 09/30/2027
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			Material Testing Quality Control 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).		
5/25 - Present	S.P. No. H.012012.6: Ridgewood/Stroelitz, Metairie, LA – Jefferson Parish Project Manager for this project. Terracon is providing field density testing of roadway base and concrete field testing for the roadway, curbs and driveways for this project.		
9/23 - 03/24	S.P. H.013813: Vintage Dr MU Path: Power-Wilson, Metairie, LA – Jefferson Parish Project Manager for this project. Terracon provided laboratory testing of fill materials, field density testing, observation and field testing of concrete placements, and concrete compressive strength testing.		
03/20 - 04/25	S.P. H.011670: Loyola Interchange Design-Build, Kenner, LA – LADOTD Staff Engineer for this project. Terracon provided concrete aggregate gradation and compressive strength results on concrete and ‘mass concrete’ placement operations for this \$125.6M roadway project the improvement of the I-10/Loyola Interchange to increase the operational conditions and increase the capacity of the interchange to accommodate future traffic demand in the area.		

16. Staff Experience:

	Firm employed by Terracon Consultants, Inc.		
	Name	Chris Pysher	Years of relevant experience with this employer
	Title	Technician	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		N/A
	Active registration number / state / expiration date		Certifications: DOTD Nuclear Device Operator, DOTD Embankment and Base Course, ACI Concrete Field Testing Technician and ATSSA Traffic Controller.
Year registered	N/A	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).		
9/24 - 8/25	H.002365 - Clinton Bridges - Clinton, LA – LADOTD Materials Testing Technician for this project. Terracon performed laboratory testing of engineering fill materials for conformance with specifications. Periodic field density testing of compacted engineering fill for conformance with density and moisture specifications and performed testing for subgrade stabilization using soil-cement.		
2/25 - Present	Improvements to Sullivan Road (LA 3034) - Baton Rouge, LA – LADOTD Materials Testing Technician for this project. Terracon is providing Construction Materials Engineering and Testing (CMET) services to the project. Scope of work includes: earthwork observation and testing, cast-in-place concrete, and portland cement concrete pavement.		
10/23 - 11/24	H.011645 - LA 3002 Access Control State Project - Denham Springs, LA – LADOTD Materials Testing Technician for this project. The project consisted of modifying the two way left turn lane allowing dedicated left turns, signal retiming, driveway closure, and adding bulb-outs for U-turns. The project was approximately 1.04 miles in length. Terracon provided verification of subgrade stability prior to paving operations; performed laboratory and field density testing on Recycled Portland Cement Concrete (RPCC); sampling and field testing of concrete to determine the slump, air content, and temperature.		
2/25 - Present	Cypress Knoll Drive and Riviera Lane - Baton Rouge, LA. Materials Testing Technician for this project. Terracon is providing Construction Materials Engineering and Testing (CMET) services and Special Inspections to the project.		

16. Staff Experience:

	Firm employed by Terracon Consultants, Inc.		
	Name	Jay Rafferty	Years of relevant experience with this employer
	Title	Supervisor - Other	Years of relevant experience with other employer(s)
	Degree(s) / Years / Specialization		N/A
Active registration number / state / expiration date		Certifications: ATSSA Traffic Control Supervisor; LADOTD Embankment & Base; LADOTD PCC Tech; ACI Concrete Construction Special Inspector; ACI Grade I Concrete Field Testing Technician; ACI Aggregate Testing Technician Level 1; ACI Concrete Laboratory; ACI Flatwork Finish Certified; ACI Flatwork Finish Certified; and NDT Length Thickness Certified.	
Year registered	N/A	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).		
05/25 - Present	S.P. No. H.012012.6: Ridgewood/Stroelitz, Metairie, LA - LADOTD Assistant Project Manager. Terracon is providing field density testing of roadway base and concrete field testing for the roadway, curbs and driveways for this project.		
Prior to Terracon	S.P. No. H.013267 Scotlandville Parkway to Downtown Baton Rouge Trail, Baton Rouge, LA – LADOTD Performed Construction management for CEI firm, Reviewed RFI's, Submittals, Handled all site manager reports on daily basis. Reviewed and approved monthly billing. Reviewed and approved all certified payrolls.		
Prior to Terracon	S.P. No. H.011775 US 11 & US 190 Bicycle and PED Crossings, St. Tammany Parish, LA – LADOTD Performed all field inspections for the roll of resident inspector. Which included all site inspections, steel, concrete, densities as well as all samples taken. Entered all Site Manager info daily, reviewed and approved all contractor monthly billing. Reviewed and approved all certified payrolls.		
Prior to Terracon	S.P. No. H.011779 Power Blvd Median Improvements – LADOTD Handled all day-to-day inspections for the Resident inspection roll, reviewed RFI'S, Submittals, certified payrolls and entered all daily reports into Site Manager.		
Prior to Terracon	S.P. No. H.011797- Ames Blvd (WB EXPY – Happy St) – LADOTD Performed construction management duties, review and approved certified payroll, monthly billing, daily reports and entered them into Site Manager. Performed project close-out.		
Prior to Terracon	S.P. No. H.011795 Westwood Dr. (WB Expressway to Lapalco Blvd) – LADOTD Performed construction management duties, review and approved certified payroll, monthly billing, daily reports and entered them into Site Manager. Performed project close-out.		

17. Firm Experience:

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

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

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

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

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

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

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

- LADOTD CE&I PROJECT
- PEDESTRIAN CROSSING GATES
- LADOTD SOFTWARE USED – SITEMANAGER AND HEADLIGHT

17. Firm Experience:

Firm name	Hardesty & Hanover	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Bayou Barataria Swing Bridge Phase 1	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)	\$5,850
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$5,265

H&H is providing construction engineering and inspection services (CE&I) for the Bayou Barataria Bridge Replacement Project. The original bridge was built in 1948 to connect Barataria and Lafitte and was destroyed completely in 2021 by Hurricane Ida. A temporary modular steel span bridge has been in its place and is the only means of transportation for Barataria residents to the mainland after Hurricane Ida. 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 itself, which is included in Phase 1 at a cost of \$55.9 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. During the construction of the new swing bridge, operator house, generator house, and embankment placement for the approach roadways, H&H is providing construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and their staff.

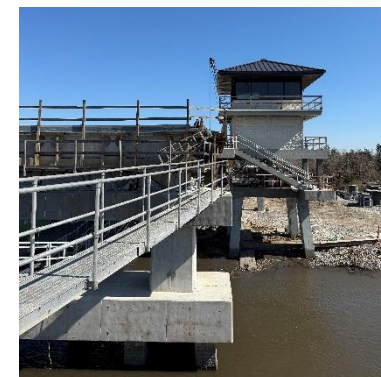
H&H's scope includes:

- Coordinating and attending pre-construction meeting
- Keeping records of the contractual operations; maintaining construction field records; making daily entries in project diary
- Coordinating and attending weekly construction meetings
- Coordinating with DOTD and utility representatives for relocations and adjustments of utility facilities
- Performing required field-testing and submit 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; Kenneth Pecquet, PE; Christopher Aubert, EI; Lance Resendez, PE; Dalton Hunt, EI; Lauren Peytavin, EI; Courtney Mai, PE; James Burkes; Dwayne Lewis

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- LADOTD SOFTWARE USED – HEADLIGHT AND SITEMANAGER



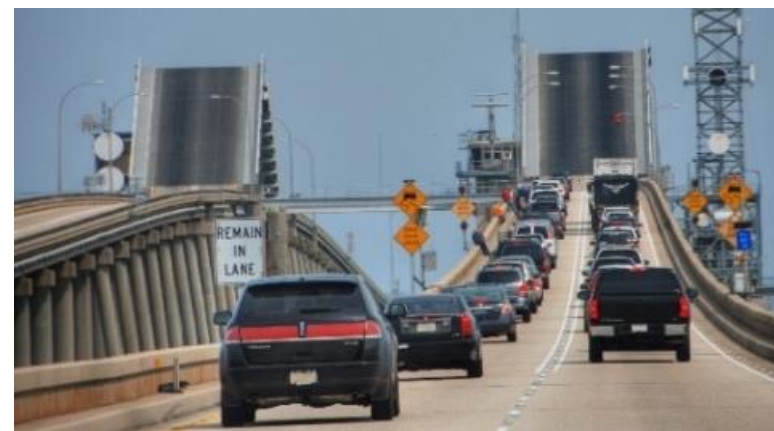
17. Firm Experience:

Firm name	Hardesty & Hanover	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@gnoc.org		
Services commenced by this firm (mm/yy)	08/18	Total consultant contract cost (\$1,000's)	\$3,880
Services completed by this firm (mm/yy)	08/21	Cost of consultant services provided by this firm (\$1,000's)	\$3,000

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

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

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

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

- CONSTRUCTION ENGINEERING & INSPECTION PROJECT
- CONSTRUCTED ACCORDING TO LADOTD STANDARDS & SPECIFICATIONS
- CONSTRUCTION INSPECTION FOR ITS SYSTEMS

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

17. Firm Experience:

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Bayou Barataria Swing Bridge 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)	06/24	Total consultant contract cost (\$1,000's)		\$1,520
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,200

H&H is providing construction engineering and inspection services (CE&I) for the Bayou Barataria Bridge Replacement Project. This roadway reconstruction project (Phase 2) in Jefferson Parish, provides a new roadway alignment on LA45 to approach the new bridge (LA302) and roadway improvements on the west side of the new bridge, LA3257.

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 7-feet, 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. During the construction of the new roadways on LA45, LA302, and LA3257, 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 the pre-construction meeting
- Keeping records of the contractual operations; maintaining construction field records; making daily entries in project diary
- Coordinating and attending weekly construction meetings
- Coordinating with DOTD and utility representatives for relocations and 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 (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

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

- LADOTD CE&I PROJECT
- NEW ROADWAY CONSTRUCTION
- OVERLAY OF EXISTING ROADWAY
- LADOTD SOFTWARE USED – HEADLIGHT AND SITEMANAGER

Key Personnel: Bobby Naghavi, PE; Fred Wetekamm, PE; Lance Resendez, PE; Dalton Hunt, EI;
Lauren Peytavin, EI; William Farber, EI; James Burkes; Dwayne Lewis

17. Firm Experience:

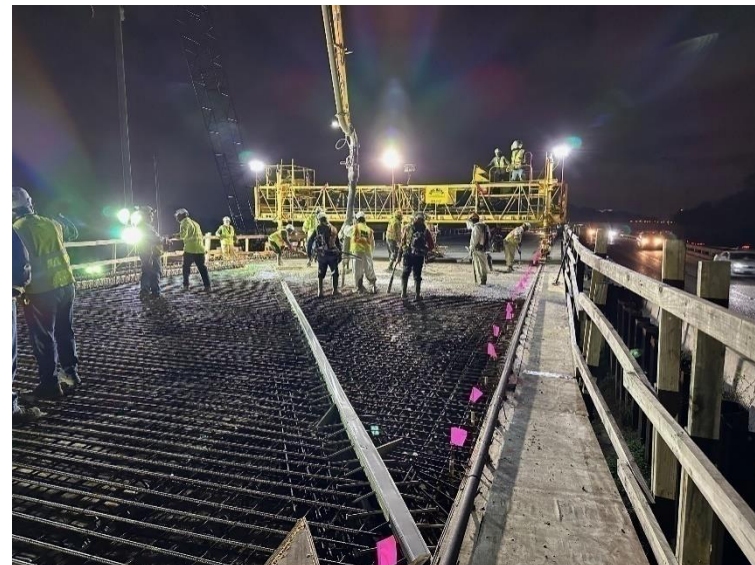
Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)*		CE&I/OV	
Project name	I-10 & I-12 College Drive Flyover Ramp Design Build				Firm responsibility (prime or sub?)	Sub
Project number	H.013897	Owner's name	Louisiana Department of Transportation & Development			
Project location	Baton Rouge, LA			Owner's Project Manager	Catherine Mastin, PE	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70804 225.379.1652 Catherine.mastin@la.gov				
Services commenced by this firm (mm/yy)		09/20	Total consultant contract cost (\$1,000's)			\$ 4,500
Services completed by this firm (mm/yy)		12/25	Cost of consultant services provided by this firm (\$1,000's)			\$ 3,000

H&H oversaw the project design, plan delivery, and construction quality control/quality assurance for this road and bridge design-build project. This project is located in Baton Rouge, LA at the I-10 West/ I-12 West junction to College Drive.

The project includes the design and construction of a new three lane I-10 West bridge, roadway design of a new two lane I-12 West, bridge rehabilitation of the bridge from I-12 West exit to I-10 East, connecting ramps and associated roadways, as well as rehabilitation of the Essen Lane bridge in advance of the project.

H&H served as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. H&H's responsibilities included the development and implementation of a Comprehensive Quality Management Plan to ensure the design and construction conforms to all specified requirements.

H&H also developed, maintained, and updated the Contractor Quality Management Plan and provided all necessary qualified inspectors, material sampling and testing acceptance, and Independent Testing Labs to ensure that the contractors' work and off-site fabrication facilities meet project specifications. H&H managed all document control to include daily diaries, collection of material certifications, NCRs, and weekly and monthly project reports.



Key Personnel: Bobby Naghavi, PE; Fred Wetekamm, PE; Linh Kim, PE; Dalton Hunt, EI; Lance Resendez, PE; Courtney Mai, EI; James Burkes, Dwayne Lewis

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- TRAFFIC MANAGEMENT PLAN
- LADOTD SOFTWARE USED – HEADLIGHT AND SITEMANAGER
- PERFORMED QUALITY CONTROL/QUALITY ASSURANCE PER LADOTD SPECIFICATIONS
- RAMP CONSTRUCTION

17. Firm Experience:

Firm name	GOTECH, Inc.	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	I-10 & I-12 College Dr. Flyover Ramp Design-Build Project	Firm responsibility (prime or sub?)	Sub
Project number	H.013897; H013897	Owner's name	Louisiana Department of Transportation & Development
Project location	East Baton Rouge Parish, LA	Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804 / 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)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$500

The I-10 and I-12 College Dr. interchange needed 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 for the new ramp construction for DOTD. 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.

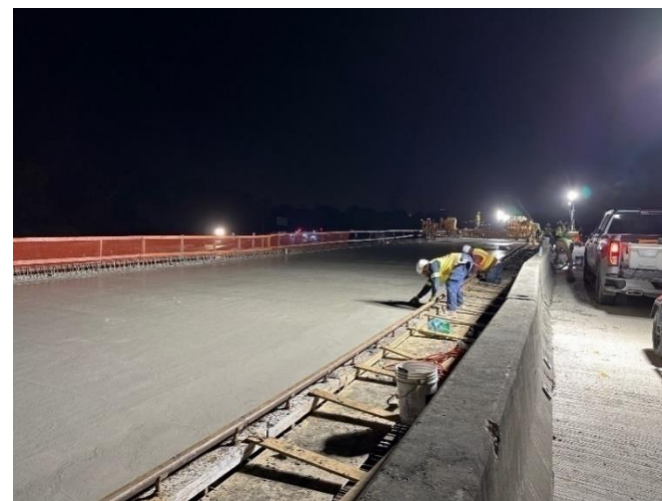
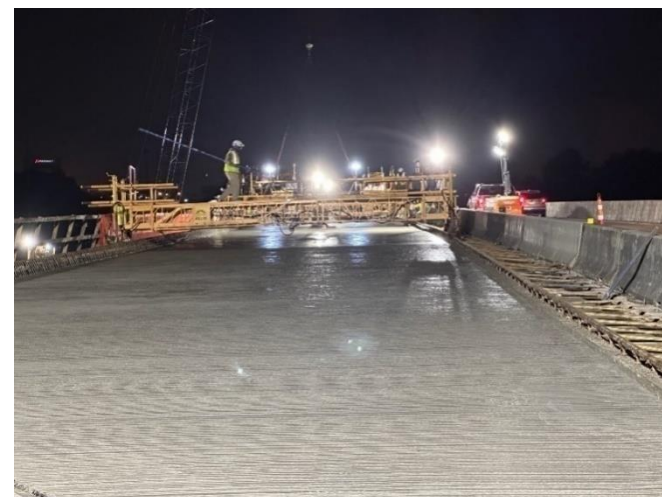


SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- RAMP CONSTRUCTION

Key Personnel:

Nathan Millard & Kenneth Prescott



17. Firm Experience:

Firm name	GOTECH, Inc.	Past Performance Evaluation Discipline(s)*	CE&I/OV
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	Louisiana Department of Transportation and Development
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)	N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$830

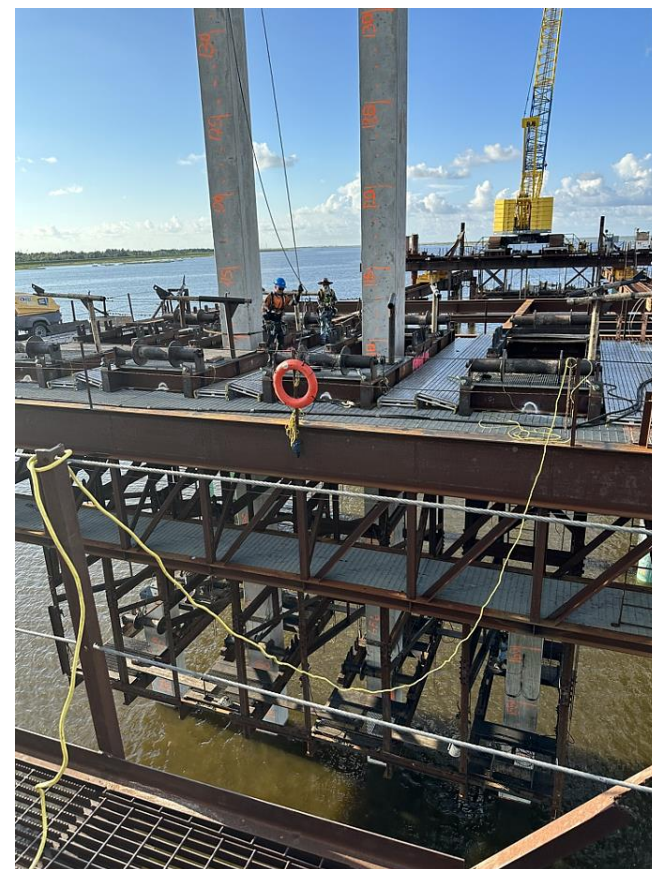
LA1: Leeville to Golden Meadow, Phase 2 is for the construction of lanes of travel both northbound and southbound from station 503+00 to 961+18. This is for 8.68 miles of roadway and includes clearing and grubbing, grading, drainage structures, milling asphalt concrete, class ii base course, asphalt 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.

Key Personnel: Kenneth Prescott, John Poche

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- QUALITY CONTROL/QUALITY ASSURANCE PER LADOTD SPECIFICATIONS



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	Louisiana Department of Transportation and Development	
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.

Key Personnel: Terry Cormier

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- ROAD CONSTRUCTION PROJECT



17. Firm Experience:

Firm name	Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Other (Materials Testing)
Project name	Loyola Interchange Design Build		Firm responsibility (prime or sub?)	Sub
Project number	S.P. No. H.011670	Owner's name	Louisiana Department of Transportation and Development	
Project location	Kenner, LA		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)	03/20	Total consultant contract cost (\$1,000's)		\$577
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)		\$577

Terracon provided concrete aggregate gradation and compressive strength results on concrete and 'mass concrete' placement operations for this \$125.6M roadway project the improvement of the I-10/Loyola Interchange to increase the operational conditions and increase the capacity of the interchange to accommodate future traffic demand in the area.

Terracon's Project Field Services:

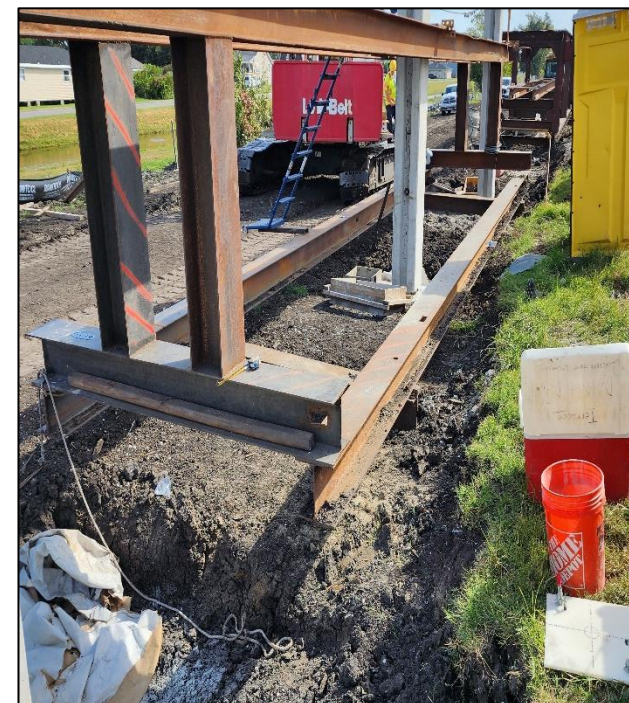
- Concrete Inspection
- Asphalt Observation
- Field Density Testing
- Pavement Coring Operations
- Concrete Pre-pour Inspection
- Earthwork Observation
- Concrete Maturity Testing (Installation & Readings)

Terracon's Laboratory Services:

- Particle Size Analysis – Small Aggregate
- Particle Size Analysis – Large Aggregate
- #200 Wash
- Concrete Cylinder Compressive Strength
- Standard Proctor
- Modified Proctor
- Asphalt Bulk Specific Gravity
- Concrete Core Compressive Strength

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD ROADWAY PROJECT
- MATERIAL SAMPLING & TESTING



Key Personnel: Lynne Roussel, PE; Sarah Nadelson, PE

17. Firm Experience:

Firm name	Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*	Other (Materials Testing)
Project name	Ridgewood/Stroelitz		Firm responsibility (prime or sub?)	Sub
Project number	S.P. No. H.012012.6	Owner's name	Jefferson Parish / LADOTD	
Project location	Metairie, LA		Owner's Project Manager	Matt Zeringue
Owner's address, phone, email	1221 Elmwood Park Blvd. Ste. 906, Jefferson, LA 70123, 504.736.6500, Matthew.Zeringue@jeffparish.gov			
Services commenced by this firm (mm/yy)	05/25	Total consultant contract cost (\$1,000's)		\$75
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$42

Terracon Consultants has been selected to be the materials Testing Lab for Ridgewood/Stroelitz (Airline to Loumor) project.

The project consists of concrete pavement reconstruction for multiple residential roadways in Metairie, Louisiana. Terracon is providing field density testing of roadway base and concrete field testing for the roadway, curbs, and driveways.

Terracon's Project Field Services:

- Concrete Inspection
- Field Density Testing
- Vibration Monitoring

Terracon's Laboratory Services:

- Concrete Cylinder Compressive Strength

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- ROADWAY PROJECT
- MATERIAL SAMPLING & TESTING



Key Personnel: Sarah Nadelson, PE; Jay Rafferty

17. Firm Experience:

Firm name	Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*		Other (Materials Testing)		
Project name	Vintage Dr MU Path: Power - Wilson				Firm responsibility (prime or sub?)		Sub
Project number	S.P. No. H.013813		Owner's name	Jefferson Parish / LADOTD			
Project location	Metairie, LA			Owner's Project Manager		Matt Zeringue	
Owner's address, phone, email		1221 Elmwood Park Blvd. Ste. 906, Jefferson, LA 70123, 504.736.6500, Matthew.Zeringue@jeffparish.gov					
Services commenced by this firm (mm/yy)			09/23	Total consultant contract cost (\$1,000's)			\$25
Services completed by this firm (mm/yy)			03/24	Cost of consultant services provided by this firm (\$1,000's)			\$25

Terracon Consultants was selected to be the materials Testing Lab for Vintage Dr. MU Path (Power Blvd. - Wilson Dr.).

The project consisted of the construction of a 10' wide concrete pedestrian/bike path along Vintage Canal. Terracon provided laboratory testing of fill materials, field density testing, observation and field testing of concrete placements, and concrete compressive strength testing.

Terracon's Project Field Services:

- Concrete Inspection
- Field Density Testing

Terracon's Laboratory Services:

- Particle Size Analysis – Small Aggregate
- Particle Size Analysis – Large Aggregate
- Atterberg Limits
- #200 Wash
- USCS Soil Classification
- Standard Proctor
- Concrete Core Compressive Strength

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- ROADWAY PROJECT
- MATERIAL SAMPLING & TESTING



Key Personnel: Sarah Nadelson, PE

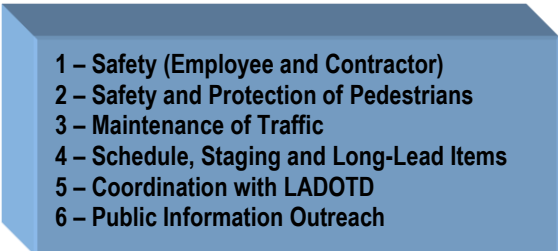
18. Approach and Methodology:

Project Understanding

The H&H Team will perform construction contract administration, construction engineering and inspection (CE&I) services, and document control for the Transportation Alternatives Program for Districts 02, 61, and 62 construction projects for each individual Task Order (TO) issued. These services will be performed in accordance with LADOTD's Construction Contract Administration Manual and the LA Standard Specifications for Roads and Bridges. LADOTD will assign a Project Engineer from one of its District Offices to serve as a Construction Coordinator for the LADOTD during project construction.

Project Team and Key Staff

The H&H CE&I Team includes GOTECH, Inc. and Terracon Consultants, Inc. GOTECH will provide road construction engineering and inspection services. Terracon will serve as an independent Testing Laboratory, per 23 CFR 637.209, in the event the DOTD Testing Laboratory is not available. We have a **successful history** of collaboration on many previous CE&I projects for DOTD on previous projects.

- 
- 1 – Safety (Employee and Contractor)
 - 2 – Safety and Protection of Pedestrians
 - 3 – Maintenance of Traffic
 - 4 – Schedule, Staging and Long-Lead Items
 - 5 – Coordination with LADOTD
 - 6 – Public Information Outreach

To achieve the desired results, our team will provide a well-coordinated, collaborative effort focused on using the available tools and techniques of our proven and time-tested approach to providing CE&I services. H&H has performed CE&I services for numerous types of fixed bridges, movable bridges, roadway construction, and pedestrian improvement projects.

Babak “Bobby” Naghavi, PE, PH, PhD will be the Project Manager providing project/contract management for the contract. Erik Diaz, PE, will fill the role of the Quality Control Manager (QCM) for the project. Fred Wetekamm, PE will serve as our Project Engineer for this project and will be available at all times. Fred has extensive experience with similar DOTD CE&I projects and will work directly with the DOTD District assigned Construction Coordinator during project construction. Fred will be supported by our specialized CE&I staff of qualified Civil, Structural, Construction Engineers (Resident Engineers and Assistant Resident Engineers), our in-house CPM scheduler, and 8 experienced DOTD Lead and Certified Inspectors assigned to this project. This would allow for adequate staffing with up to three task orders being performed concurrently at any given time per contract.

Specific Software and/or Equipment Desired

On LADOTD projects, our staff has used and are experienced and agile with electronic devices. This includes the ability to utilize Headlight, Headlight Materials, SiteManager, SiteManager Material, LAPAVE software required by LADOTD, tablets with mobile data and HeadLight software (Field book and Material), and wireless remote access.

Key Issues of Pedestrian and Roadway Construction Projects

We have organized the key issues into two broad categories:

(1) Key Operational/Management Issues and (2) Key Technical Issues

Key Operational/Management Issues

Our team places a high priority on construction safety, and we are proud of our record – one of the best in the industry. **We have never had a fatality or serious incident on any of our CE&I projects.** The team is committed to public safety, and the safety and health of our staff and the construction staff. We have extensive and specialized road, bridge, and pedestrian construction project experience and an understanding of the relevant safety and health issues of such construction projects. The approach to our work activities will include staff training for working adjacent to railroads, working adjacent to urban traffic, pedestrian usage, and fall protection.

The H&H CE&I Team meets all DOTD's work zone requirements. All field personnel assigned to the project have successfully completed the Traffic Control Supervisor and/or Traffic Control Technician and Flagger training.

The H&H CE&I Team will perform and provide the following tasks:

- Act as Project Engineer for the project and coordinate with the DOTD District and Headquarters personnel, Contractor, utility companies, railroad, and other parties to schedule and conduct the pre-construction meeting. The preconstruction meeting will include initial coordination of submittals, RFIs, project schedule, staffing, and project safety concerns.
- Hold weekly progress meetings to update the contractors' work progress, inspection results of construction activities, address RFIs, submittals, scheduling of future work, review of public comments, and safety items, as well as any other project concerns.
- Coordinate the weekly project progress meetings with DOTD and produce meeting minutes and distribute amongst each of the attendees within five days of the meeting.
- Provide necessary personnel, equipment, and materials needed to inspect

Contractor's construction operations (daily) to ensure that the work performed is in accordance with the specified plans and specifications.

- Maintain construction field records including daily entries in the project diary to indicate the inspection personnel present on the job site, Contractor's personnel and equipment being utilized on the project, work being performed and accepted, acceptability of traffic control, and charging of contract time through utilizing DOTD software (HeadLight, SM).
- Inspect the Contractor's construction operations (daily) to ensure that work is performed in accordance with the specified plans and specifications and using approved materials.
- Develop the project Sampling Plan if required.
- Keep clear and concise records of the contractual operations, prepare monthly pay estimates, and make weekly progress reports consisting of percent complete and time elapsed, approved change order amounts, and number of change orders to DOTD.
- Coordinate with DOTD, Parish Engineers/Representatives, relevant utility agency representatives, and railroads if applicable.
- Provide necessary personnel and equipment, and coordinate the activities of the selected testing laboratory, to perform the required field-testing for quality assurance in accordance with the latest DOTD Sampling and Testing Manual.
- Collect and submit sampled materials to be tested by DOTD District Testing Laboratories, in accordance with the stipulated Materials Sampling Manual. Ensure samples, field test, lab test submitted, and tests results are properly documented in DOTD software systems (LAPAVE, SiteManager Materials, HeadLight, etc.).
- Review and coordinate the entire final estimate package with the DOTD District Laboratory, including document submittals from Contractor, in conformance with DOTD.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with DOTD requirements.
- Coordinate all construction activities with the Owner, the FHWA, and an assigned representative of DOTD. All work standards, methods of reporting, and documentation of pay quantities will be in accordance with the policies and procedures of DOTD. All partial and final construction estimates, and other information must be submitted on forms approved by DOTD.
- Be available for conferences, jobsite visits, and/or inspections by DOTD authorized representatives.

- Develop and submit "As-Built" plans with the final estimate. "As-Built" plans will reflect all changes made from the original plans. Changes to the plans are to be made in red. "As-Built" plans shall be full sized. In addition to submitting a copy of the "As-Built" plans with the final estimate, an additional copy shall be provided to the district.
- Develop Project Change Orders throughout the life of the project as necessary and upload any change order attachments through DOTD's software system.
- Monitor and document construction claims and provide recommendations on disposition of claims.
- Manage the Request for Information (RFI) process as defined on the DOTD website.
- Perform other duties normally required by DOTD Project Engineer's Office as directed by the DOTD Construction Coordinator.
- Coordinate press releases with the Contractors Public Information Manager (PIM) who will distribute releases to the local media outlets pertaining to project status and any anticipated traffic pattern changes on a timely basis with approval of DOTD Public Information Officer.
- Generate and maintain separate logs for Change Orders, RFIs, and submittals which details the status of each.

Key Technical Issues

Key technical components of pedestrian safety and enhancement construction projects that require close attention are:

➤ Pedestrian Safety During Construction

Pedestrian Safety and Enhancement Projects will disrupt the existing flows and paths of pedestrian traffic in order to make improvements. While making these improvements, pedestrians are often rerouted to adjacent walkways during construction. Visual awareness features and devices must be present and maintained during construction to minimize potential liability for the contractor and the State. Our experience with the numerous pedestrian improvement projects, designed, constructed and completed, has provided our staff with the experience to observe site conditions that could be hazardous, and to mitigate the potential problems.

➤ Traffic Control

Maintaining traffic controls and detours to provide visual awareness for the traveling public, safety of the workers and the public, and minimize public travel delays through the construction zone. H&H will perform daily

inspections of devices, and review with contractor daily basis to ensure compliance with the project plans and MUTCD. H&H will also review with the contractor any changes in traffic control plans and devices prior to implementation on the project to ensure compliance with the project plans and MUTCD.



H&H provided pedestrian and bridge traffic gates CE&I Services for Company Canal in Bourg, LA for LADOTD

➤ **Project Schedule**

- H&H will provide a Task Order schedule based on the contract assignments. The project schedule will vary from one Task to another, and each Task Order will coincide with the Contractor's submitted project schedule.
- The H&H CE&I Team will provide an initial and monthly review of the Contractor's schedule for DOTD. It will be particularly important for early submittal and approval of a baseline schedule. Our Project Engineer will recommend that we make this a priority during the pre-construction period.
- Our team will aggressively monitor the schedule during construction and have the contractor include a three-week "look ahead" to identify future work, potential conflicts, and obstacles. We will collaborate proactively with the contractor to develop solutions and keep critical activities on schedule.

➤ **Site Considerations**

- The contractor's SWPPP will be reviewed and monitored throughout the project. Weekly recap of devices will be reviewed at the weekly progress meeting.
- Utility work coordination is usually a part of the project effort that slows

down the Contractor's work progress. Consistent contact and coordination with the appropriate utility companies to perform their work is critical to keeping the project on schedule. This involves a constant communication effort by the CE&I Project Engineer. We have an experienced team that understands the priority and complexity of this effort.

- Monitoring the impacts and effects on the public will be part of the CE&I obligations to minimize effects of restricted pedestrian use and vehicular traffic flow at the project site.
- Installation of intersection curb ramps requires knowledge of ramp details and requirements to ensure ADA compliance. We have in-depth experience of these requirements with over 10,000 ramp installations.

➤ **ADA Ramp Construction Considerations**

- Layout of project work - Determination of the location and types of curb ramps is critical to initial project scheduling of work, and the usability after final construction. Location and type of ramps required field knowledge of pedestrian habits, conditioning, and accessibility. Our experience in installation of pedestrian and bicyclist features ensures proper facilities will be constructed for full utilization by the pedestrian and bicyclist.
- Formwork Work (Geometrical Verification Checks)– Verification of the geometrical checks will be critical. The H&H CE&I Team will establish, and witness hold points to review critical work prior to acceptance. The contractors' field staff along with experienced H&H inspection staff will check to ensure lines, grades, slopes, widths and tolerances required for the installation of walkways and curb ramps meet the project plans, and specifications prior to placing any concrete. H&H will also verify thickness measurements of the pavement prior to placement.
- Reinforcing Steel – We will provide inspection for correct steel callouts, certify that it is American made, and that dimensions meet the tolerances on the plans or in LSSRB Section 805.
- Concrete Pouring/Placement
Our inspectors will review all concrete placement plans; meetings will be held with the Contractor prior to placements so that the Contractor and CE&I staff are on the path to meet the specifications. Some of the Hold Point Checks to be performed prior to concrete placement are formwork, reinforcing steel callouts and dimensions, equipment used by the contractor, and the approved mix design.

- **Quality Assurance** – We will provide inspection at the hold points during the installation of forms, prior to concrete placement and during concrete placement to ensure all lines, grades, and slopes meet or exceed the level of tolerances allowed.



H&H designed sidewalk improvements to conform to ADA Guidelines for LADOTD on LA 433 in Slidell, LA.

➤ **Road Construction Considerations**

Specifications require that the contractor submit their work plans for earthwork, drainage work, roadway base work, asphalt or concrete paving work, or structural work.

Inspectors will review all work plans. Meetings will be held with the Contractor prior to installation so that the Contractor and CE&I staff are on the plan to meet the specifications. Hold point checks will be developed and communicated prior to performing earthwork, drainage work, roadway base work, asphalt or concrete paving work, or structural work. All formwork, reinforcing steel callouts and dimensions, equipment used by the Contractor, and the approved mix design will be reviewed and inspected. Roadway construction items of importance are:

- **Base Materials, Treated Subgrade Layer and Cement Treated Base (CTB)** – H&H will review the approved installation plan and provide inspection so that the field dimensions meet the plan dimensions. Additionally, H&H will ensure that the Contractors' equipment is functioning properly and CTB materials are approved. H&H will verify thickness measurements of the subgrade and base, volume measurements of cement placed, and ensure that compaction efforts, pulverization, and that the required density is achieved and meets the specifications.
- **Drainage Work** – H&H will review the approved installation plan and provide inspection so that the required drainage structures and materials meet the requirements of the plans and specifications.
- **PCC Pavement/ PCC Pavement Rehab** – H&H will review the approved

paving plan, provide inspection to verify that the field dimensions meet the plan dimensions, ensure that the Contractors' equipment is functioning properly, and a dry-run of the paving equipment is performed. H&H will verify thickness measurements of the pavement prior to placement and the Contractors' efforts meets the specifications.

- **Asphalt Pavement/ Asphalt Pavement Rehab or Overlay** – H&H will review the approved paving plan and provide inspection to verify field dimensions meet the plan dimensions. Additionally, H&H will inspect the Contractor's equipment to ensure that it is functioning properly. H&H will verify pavement thickness measurements, and that the Contractors' effort meets the specifications.

➤ **Final Acceptance of Construction**

Early in the project layout approval process, emphasis will be placed on Project Acceptance. The Contractor, the H&H CE&I Team, and the Engineer of Record will work closely to identify any upcoming issues and provide early resolution. As-built construction documents will be maintained throughout the project and will be included with final acceptance along with RFI responses, plan changes, and update quantities. Close out documents will be submitted in accordance with DOTD standard checklists and in accordance with DOTD's Contract Administration Manual.



H&H is providing CE&I Services including bridge lighting and traffic signal systems for the Causeway Bridge in New Orleans, LA

➤ **Quality Assurance/Quality Control**

A Quality Assurance/Quality Control (QA/QC) Plan will be developed for the project to provide a mechanism by which all deliverables will be subject to a systematic and consistent review including review of all sub-consultant work and deliverables. This QA/QC Plan will adhere to established DOTD policies, procedures, standards, and guidelines in the preparation and review of all deliverables submitted to the DOTD PM within 10 business days of the award notification.

19. Workload:

Firm(s) <u>ALL FIRMS</u> MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Hardesty & Hanover, LLC	Other (Tunnel Inspection)	4400028222; H.011006.5 Task 1	IDIQ Contract for Tunnel Inspection Services	\$480,148
	Bridge	4400023511; H.009730.5 Task 2	Bridge Inspection of Complex Structures LADOTD Movable Bridge Inspection Manual	\$462,208
	Bridge	4400023511; H.009730.5 Task 4	Bridge Inspection of Complex Structures - SNBI Data Collection	\$973
	CE&I/OV	4400017430; H.001498.6	LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish	\$191,608
	Bridge	4400023909; H.002244.5 Task 2	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal (Mechanical)	\$92,715
	Bridge	4400023909; H.015963.5 Task 4	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal (Structural)	\$5,841
	Bridge	4400023909; H.015963.6 Task 5	IDIQ Contract for Movable Bridge Preservation Red Rvr MB Ped Gates (Jackson St)	\$94,501
	Bridge	4400023909; H.002798.6 Task 6	IDIQ Contract for Movable Bridge Preservation Bayou Teche Bridge (Oaklawn) Arc-Flash	\$36,000
	CE&I/OV	4400024021; H.015028.6	LA 302: Bayou Barataria MB Replacement Route: LA 302	\$4,051,923
	CE&I/OV	4400024022; H.002264.6	LA 302: Bayou Barataria MB Replacement Route: LA 302, LA 47, and LA 3257	\$950,502
	Bridge	4400021516; H.011962; H.012063; H.013818; H.011986; H.012734	Contract 4 for Movable Bridges (5) – Original Contract plus Supplemental Agreement No. 1	\$2,363,072
	Bridge	4400021516; H.013818	Contract 4 for Movable Bridges (5) – Supplemental Agreement No. 2	\$2,179,684
	Bridge	4400026585; H.006226.5	Point-a-la-Hatche Ferry Landing Replacement	\$2,065,634
GOTECH, 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
	CE&I/OV; Survey	4400021680; SPN: H.008145.6	LA 1: Leeville to Golden Meadow (Lafourche Parish)	\$142,183
	CE&I/OV; Survey	4400023897; H.011965.6	LA 47: IWGO Bridge Rehab Orleans Parish	\$255,000
	CE&I/OV; Survey	4400027349; H.003931.6	Calcasieu River Bridge – Hm & Field	\$14,980
	CE&I/OV	4400026468	Lafayette Traffic Signals	\$69,263
	CE&I/OV	4400025536; H.014993.6	Lemon Rd Bridge over Drainage Bayou	\$64,935

	CE&I/OV	4400030226	LA 1: Port Allen Canal Bridge Replacement Phase 2	\$66,775
	CE&I/OV	H.012057	Lake Villar Canal	\$37,342
	CE&I/OV	A/E Project No. 25-1130-0049	LA 30: EBR PL to LA 74 Patch, Mill & Overlay	\$17,321
	CE&I/OV	H.015547	Alphonse Forbes Rd Bridge Concrete Inspection	\$5,561
Terracon Consultants, Inc.	Geotech	400005673 H.011235	I-49 at Verot School Road	\$8,110
	Geotech	4400025027 H.015442 – 015449	IIJA Off System Bridge Program	\$11,400
	Geotech	4400025026 H.015338	IIJA Off System Bridge Program	\$66,600
	Geotech	4400025024 H.015336, .015520, .015529	IIJA Off System Bridge Program	\$9,234
	Geotech	4400025023 H.015505-0.015517, .015335	IIJA Off System Bridge Program	\$39,000
	Geotech	4400006191 H.005967	Nelson Road Extension and Bridge	\$175,495
	Geotech	4400019014 H.012048.5	Caster Creek and Relief Bridges	\$28,158
	Geotech	4400019014 H.012537.5	LA 154, LA157 – Red Chute BYU & Flat RVR BRS	\$17,051
	Geotech	4400019014 H.014984	Libuse Cutoff Road over Flagon Bayou	\$19,878
	Geotech	4400024651 H.014988	Carey Road over Blackwater Bayou	\$49,946
	Geotech	4400024651 H.014990	S. Tiger Bend Road & E. Achord Road Bridge	\$20,034
	Geotech	4400024651 H.000284	US 90 Pearl River Bridges	\$971,478
	Geotech	4400024651 H.012059	LA19- Bridges near Zachary	\$303,640

20. Certifications/Licenses:



Certificate of Attendance

Local Public Agency Qualification Core Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

TO CERTIFY THAT

Babak Naghavi

HAS SATISFACTORILY COMPLETED 5 HOURS OF TRAINING

[Signature]

Director of Local Public
Agency Program

October 23, 2012
Date

Baton Rouge, Louisiana
Location



State of Louisiana

Department of Transportation and Development

This certificate is presented to

Frederick Wetekamm, PE

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

5/9/2025



20. Certifications/Licenses:



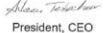
PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Frederick Wetekamm
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

9/8/2023 to 9/8/2027
Training Valid Through

Baton Rouge, LA
Location


Vice President of Education and Technical Services


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 ROADS SAVE LIVES

This is to affirm that

FREDERICK WETEKAMM
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 01-07-25 Thomas Ervin
Exp. Date 01-07-29 Instructor Name
State Issued LA  Instructor Signature

V0000043542 Verify at Flagger.com

 American Traffic Safety Services Association

SAFER ROADS SAVE LIVES

This is to affirm that

Linh Kim
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 01-07-25 Thomas ERVIN
Exp. Date 01-07-29 Instructor Name
State Issued LA  Instructor Signature

V0000043540 Verify at Flagger.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Lance Resendez
has attended
Traffic Control Supervisor-LA State Specific
Training Course

11/10/2022 to 11/10/2026
Training Valid Through

New Orleans, LA
Location


Director of Training


President, CEO

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

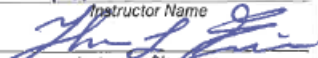
 American Traffic Safety Services Association ATSSA.com

 American Traffic Safety Services Association

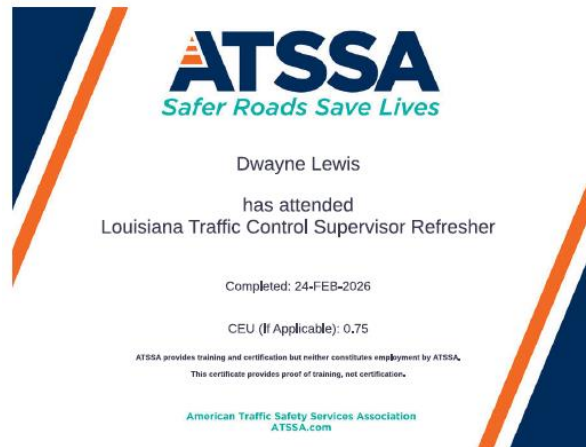
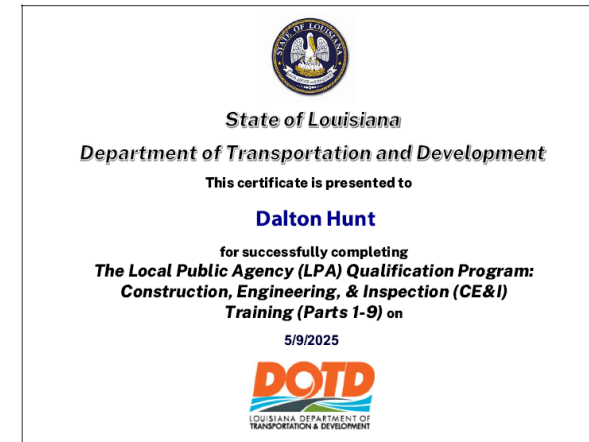
SAFER ROADS SAVE LIVES

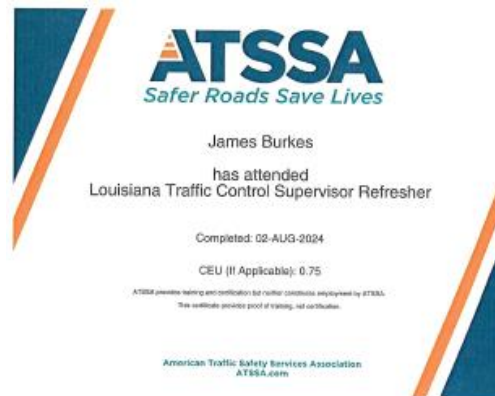
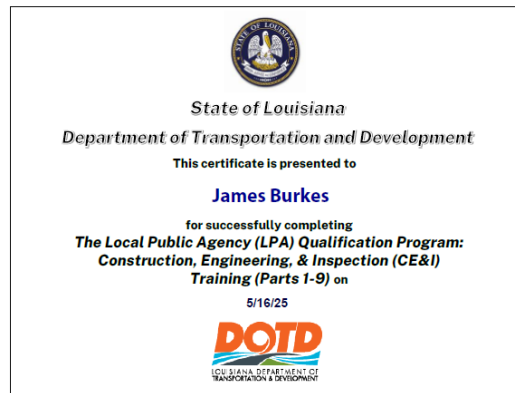
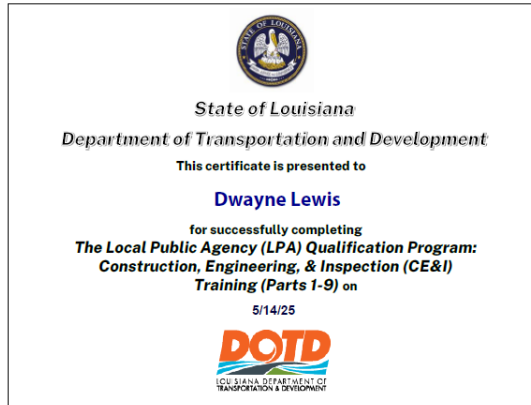
This is to affirm that

LANCE RESENDEZ
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 01-07-25 Thomas ERVIN
Exp. Date 01-07-29 Instructor Name
State Issued LA  Instructor Signature

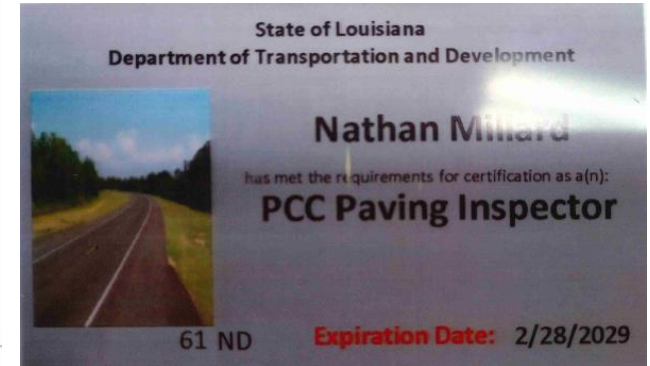
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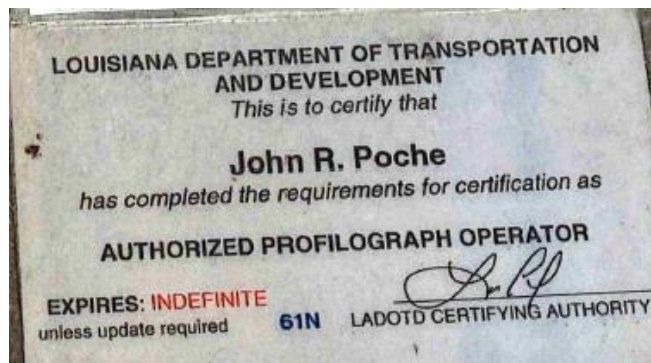
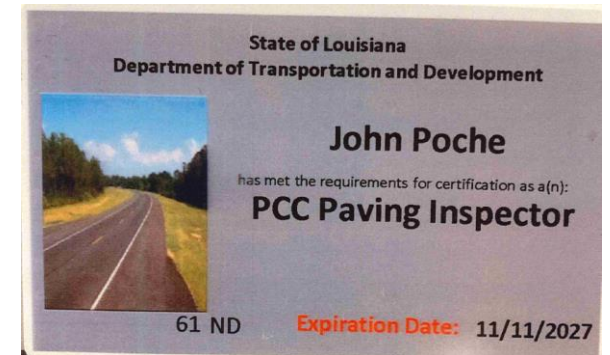
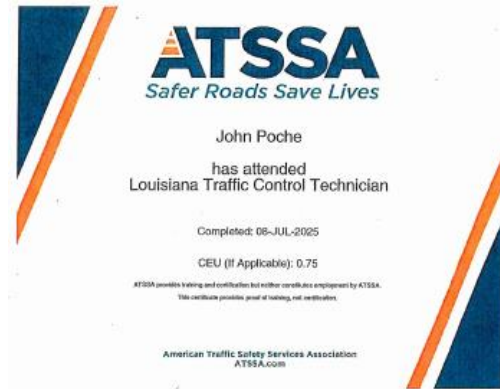
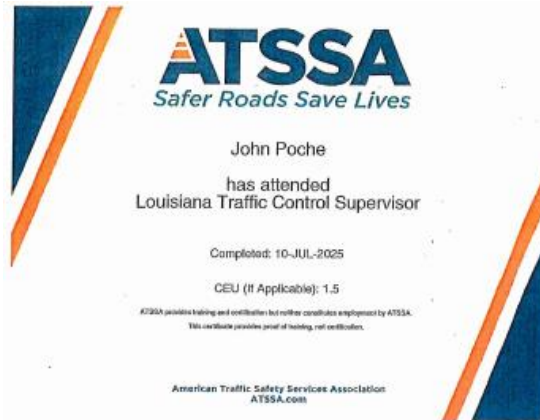


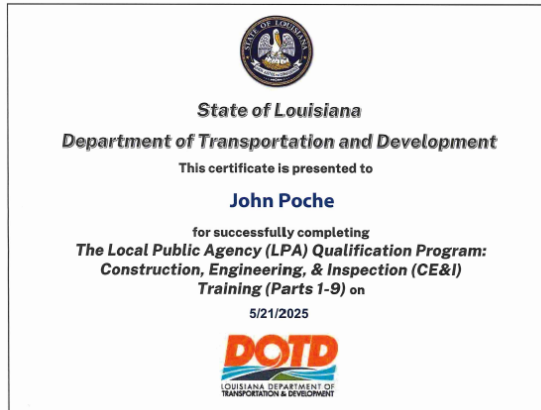


Subconsultants' Certifications

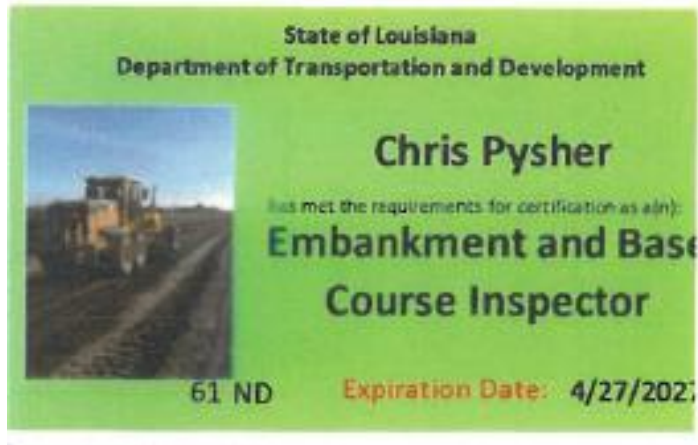
GOTECH Inc.







Terracon Consultants, Inc.



Research, Technology Transfer, Education & Training



MEMORANDUM

To: District 61 - Baton Rouge
Mike Merrow - District Training Coordinator

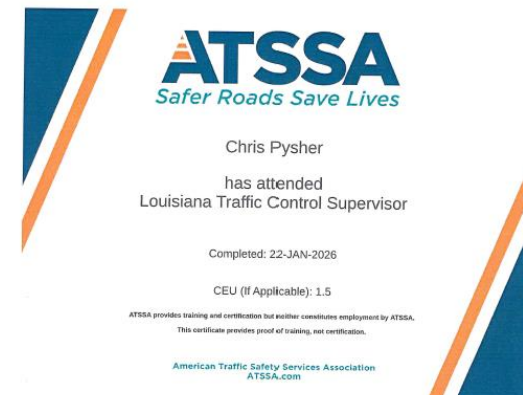
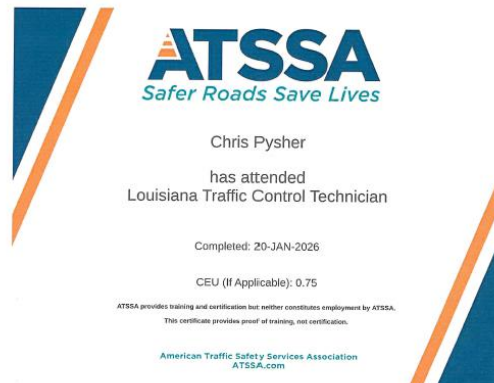
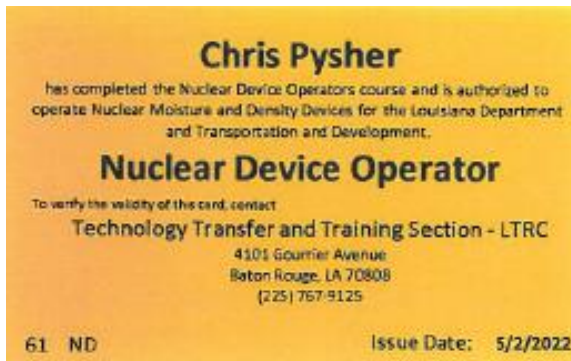
From: John Dean
Construction and Materials Training Program Manager

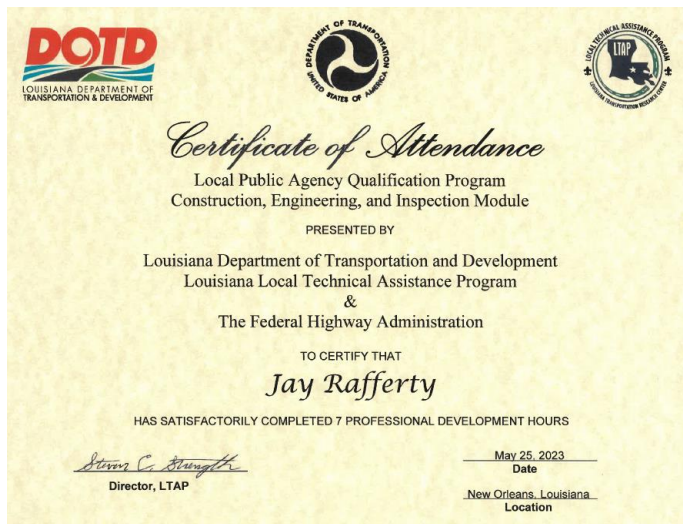
Date: May 2, 2022

Re: Certificates and Cards

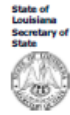
Enclosed are the Certificates and Cards for,

1. Chris Pysher----- Nuclear Device Operator
2. Chris Pysher----- Embankment and Base Course





Secretary of State Documents



COMMERCIAL DIVISION
225.925.4704

File Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

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: 7/9/2012			
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: 7/9/2012			
Last Report Filed: 6/10/2025			
Type: Limited Liability Company (Non-Louisiana)			
Registered Agent(s)			
Agent: BABAK NAGHAVI			
Address 1: 3850 N. CAUSEWAY BOULEVARD, SUITE 1625			
City, State, Zip: METAIRIE, LA 70002			
Appointment Date: 6/1/2017			
Officer(s)			
Officer: SEAN BILINI			
Title: Member			
Address 1: 1501 BROADWAY, 6TH FLOOR			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: NEW YORK, NY 10036			
Officer: PAUL SKELTON			
Title: Member			
Address 1: 1501 BROADWAY, 6TH FLOOR			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: NEW YORK, NY 10036			
Officer: KEITH GRIESING			
Title: Member			
Address 1: 1501 BROADWAY, 6TH FLOOR			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: NEW YORK, NY 10036			
Officer: GLEN SCHETELICH			
Title: Member			
Address 1: 5 MARINE VIEW PLAZA, SUITE 503			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: HOBOKEN, NJ 07030			
Officer: DAVID TUOHMAN			
Title: Member			
Address 1: 1501 BROADWAY, 6TH FLOOR			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: NEW YORK, NY 10036			
Officer: ROBERT DREW			
Title: Member			
Address 1: 1501 BROADWAY, 6TH FLOOR			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: NEW YORK, NY 10036			
Officer: SCOTT REYNOLDS			
Title: Member			
Address 1: 180 ADMIRAL COCHRANE DRIVE, SUITE 555			
Address 2: HARDESTY & HANOVER, LLC			
City, State, Zip: ANNAPOLIS, MD 21403			

Amendments on File (1)

Description	Date
Foreign LLC Statement of Change	6/1/2017

[Print](#)



State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

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 RHAOUL A. 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

Registered Agent(s)

Agent: RHAOUL A. GUILLAUME
Address 1: 8383 BLUEBONNET BLVD.
City, State, Zip: BATON ROUGE, LA 70810
Appointment Date: 2/4/1983

Officer(s)

Additional Officers: No

Officer: GERETTA H. GUILLAUME
Title: Secretary
Address 1: 203 W. WOODGATE CT.
City, State, Zip: BATON ROUGE, LA 70808

Officer: RHAOUL A. GUILLAUME
Title: President
Address 1: 8383 BLUEBONNET BLVD.
City, State, Zip: BATON ROUGE, LA 70810

Amendments on File (5)

Description	Date
Domicile, Agent Change or Resign of Agent	4/21/1981
Domicile, Agent Change or Resign of Agent	2/4/1983
Disclosure of Ownership	5/2/1995
Disclosure of Ownership	8/20/1998
Amendment	1/18/2007

Print





COMMERCIAL DIVISION
225.925.4794

Fee Numbers
225.922.5317 (Admin. Services)
225.922.5314 (Corporations)
225.922.5316 (UCC)

Name	Type	City	Status
TERRACON CONSULTANTS, INC.	Business Corporation (Non-Louisiana)	WILMINGTON	Active
Previous Names			
Business:	TERRACON CONSULTANTS, INC.		
Charter Number:	35701337F		
Registration Date:	5/7/2004		
Domicile Address	251 LITTLE FALLS DRIVE WILMINGTON, DE 19808		
Mailing Address	10841 S RIDGEVIEW ROAD OLATHE, KS 66061		
Principal Business Office	10841 S RIDGEVIEW ROAD OLATHE, KS 66061		
Registered Office in Louisiana	400 LAUREL STREET, 8TH FLOOR BATON ROUGE, LA 70801		
Principal Business Establishment in Louisiana	400 LAUREL STREET 8TH FLOOR BATON ROUGE, LA 70801		
Status			
Status:	Active		
Annual Report Status:	In Good Standing		
Qualified:	5/7/2004		
Last Report Filed:	4/16/2025		
Type:	Business Corporation (Non-Louisiana)		

Registered Agent(s)

Agent:	CORPORATION SERVICE COMPANY
Address 1:	400 LAUREL STREET, 8TH FLOOR
City, State, Zip:	BATON ROUGE, LA 70801
Appointment Date:	7/27/2009

Officer(s)

Additional Officers: No

Officer:	PATRICK L. COURTNEY
Title:	Secretary
Address 1:	10841 S RIDGEVIEW RD
City, State, Zip:	OLATHE, KS 66061
Officer:	DONALD S. VRANA
Title:	Treasurer
Address 1:	10841 S RIDGEVIEW RD
City, State, Zip:	OLATHE, KS 66061
Officer:	H. GAVIL FACKLER
Title:	President, Director
Address 1:	10841 S RIDGEVIEW ROAD
City, State, Zip:	OLATHE, KS 66061
Officer:	JASON A. SANDER
Title:	Director
Address 1:	611 LUNEN PARK DR.
City, State, Zip:	CINCINNATI, OH 45226
Officer:	TIMOTHY W. ANDERSON
Title:	Director
Address 1:	4025 S HIGH AVE SUITE 100
City, State, Zip:	TEMPE, AZ 85282
Officer:	WILLIAM S. ANDERSON
Title:	Director
Address 1:	2201 ROWLAND AVE
City, State, Zip:	SAVANNAH, GA 31415
Officer:	JASON KEYSWART
Title:	Director
Address 1:	10841 S RIDGEVIEW RD
City, State, Zip:	OLATHE, KS 66061
Officer:	JOFFREY ROBERTS
Title:	Director
Address 1:	11555 CLAY RD, SUITE 100
City, State, Zip:	HOUSTON, TX 77040

Amendments on File (8)

Description	Date
Statement of Org or Org Print Bus Off	1/28/2008
Statement of Org or Org Print Bus Off	7/27/2009
Disclosure of Ownership	5/28/2010
Disclosure of Ownership	5/28/2015
Statement of Org or Org Print Bus Off	12/28/2015
Statement of Org or Org Print Bus Off	9/1/2023
Appointing, Change, or Releign of Officer	12/4/2025

Appointing, Change, or Releign of Officer

12/5/2025

Print



21. QA/QC Plan:

QA/QC Plan will be submitted within 10 business days of the award notification.

22. Sub-consultant information:

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20)</u>	Address	Point of Contact and email address	Phone Number
GOTECH, Inc.	8383 Bluebonnet Boulevard Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., F.ASCE rhaoul@gotech-inc.com	(225) 766-5358
Terracon Consultants, Inc.	2822 O'Neal Lane, Building B Baton Rouge, LA 70816	Robert Billiot, Jr. robert.billiot@terracon.com	504-777-2523 504-621-8241 (mobile)

23. Location:

No evaluation criteria required for this advertisement.



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Metairie, LA 70002
T: 504.962.9212
la@hardestyhanover.com