



Statement of Qualifications | Contract No 4400032521 LA 406: Roundabout at FE Hebert (CE&I)

SUBMITTED BY:

Hardesty & Hanover, LLC 3850 N. Causeway Blvd, Suite 1625 Metairie, LA 70002 T: 504.962.9212



July 2, 2025

Submitted via email: DOTDConsultantAds80@la.gov

Re: LA 406: Roundabout at Fe Hebert (CE&I)

Contract No. 4400032521 State Project No. H.008220.6

Dear Consultant Evaluation Committee Members:

Hardesty & Hanover, LLC (H&H) is pleased to submit our qualifications to LADOTD to provide CE&I services for the LA 406: Roundabout at Fe Hebert. We are proud of our long history working in Louisiana, dating back to 1896 with the historic Waddell A-Truss Bridge over Cross Bayou in Shreveport, and our continued partnership on a variety of challenging projects. We bring a proven legacy of providing engineering excellence for over 138 years. We are known for offering comprehensive, industry-leading engineering services and putting our clients first. H&H has the full capability, available capacity, and extensive CE&I experience to deliver all contract services required.

3850 N. Causeway Boulevard

www.hardestyhanover.com

Suite 1625 Metairie, LA 70002 T: 504.962.9212

As Project Principal for this contract, Dr. Naghavi will lead the H&H team. He is a former LADOTD engineer/administrator with 43 years of construction engineering & inspection and design experience with LADOTD projects. H&H's Project Engineer, Fred Wetekamm, PE with extensive experience with such CE&I projects for LADOTD will ensure that the project deliverables associated with this contract are delivered on time, within budget, and in compliance with the latest procedures and standards. Fred will be supported by our specialized CE&I staff and experienced LADOTD certified inspectors. Fred will be available full-time to devote the time needed to effectively deliver this project. H&H staff have worked on many LADOTD projects in the past and are familiar with LADOTD processes and standards.

We look forward to the opportunity to continue working with LADOTD on this important contract. If you have any questions regarding our proposal, please do not hesitate to contact me, directly at 504.962.9212 or bhardestyhanover.com.

Sincerely,

Hardesty & Hanover

Babak Washari

Babak Naghavi, PhD, PE, PH Regional Manager

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

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

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

1.	Contract Name as shown in the advertisement	LA 406: Roundabout at FE Hebert (CE&I) Route: LA 406
2.	Contract Number(s) as shown in the advertisement	4400032521
3.	State Project Number(s), if shown in the advertisement	H.008220.6
4.	Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include</u> screenshot from SOS at the end of Section 20)	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

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

July 2, 2025

Date:

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

status as a firearm entity or firearm trade association.

<u>Firm(s):</u>
No DBE goal has been set for this contract

Firm(s)' %:

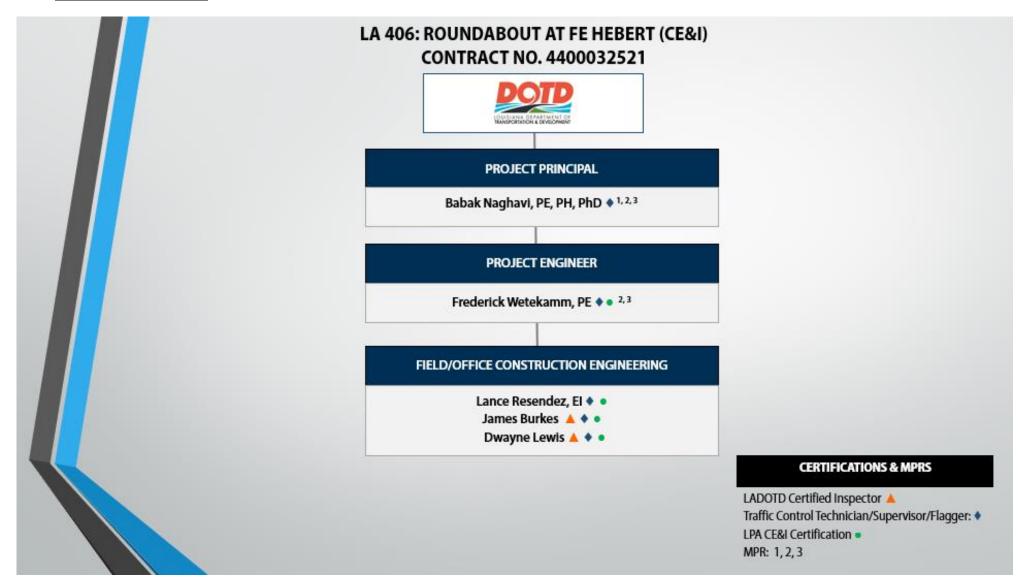
12. <u>Discipline Table:</u>

Discipline(s)	% of Overall Contract	Hardesty & Hanover	Each Discipline must total to 100%
CE&I/OV	100%	100%	100%
Identify the	percentage of work for the overal	l contract to be performed by the p	rime consultant and each sub-consultant.
Percent of Contract	100%	100%	

13. Firm 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	1	2
	Engineer Intern	1	4
	Inspector - Lead	1	1
	Inspector - Certified	1	1

14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Babak Naghavi, PE, PH, PhD	Hardesty & Hanover	PE #20745 – Civil, Environmental	LA	09/30/2026
2	Babak Naghavi, PE, PH, PhD	Hardesty & Hanover	PE #20745 – Civil, Environmental	LA	09/30/2026
2	Frederick Wetekamm, PE	Hardesty & Hanover	PE #25369 – Civil, Environmental	LA	03/31/2026
3	Babak Naghavi, PE, PH, PhD	Hardesty & Hanover	PE #20745 – Civil, Environmental	LA	09/30/2026
3	Frederick Wetekamm, PE	Hardesty & Hanover	PE #25369 – Civil, Environmental	LA	03/31/2026

Firm	employed by Hardesty	& Hanover			
Name	<u> </u>	obby" Naghavi, PE	E, PH, PhD	Years of relevant experience with this employer	8
Title	Regional	Manager		Years of relevant experience with other employer(s)	35
Degre	ee(s) / Years / Specializa	tion	M.S. / 1982 B.S. / 1979	93 / Civil Engineering 2 / Civil Engineering 9 / Civil Engineering al Hydrologist 95-H-1121	
Active registration	number / state / expirat	on date		nal Engineer: 20745 / LA / 9/30/2026 ons: ATSSA Traffic Control Supervisor and Flagger	
Year registered	1983	Discipline	Civil Engin	eering	
	orief description of respo	nsibilities	Project Pri	ncipal / Quality Control; Meets MPR 1, 2, & 3	
Experience dates	Experience and quali	fications releva	ant to the	proposed contract; i.e., "designed drainage", "designed	l girders", "designed
(mm/yy-mm/yy)	intersection", etc. Exp	erience dates sl	nould cove	er the years of experience specified in the applicable MPR((s).
H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Project Manager delivering construction engineering and inspection services for a new vertical lift bridge and of monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, cont performing field testing; maintaining records of contractual operations, pay estimates and progress reports; pre construction close-out, etc. Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOI Project Manager provided construction engineering and inspection services required for the fast-paced \$60M constructed according to LADOTD standards and specifications. The project used the CMAR method. Improve on both causeway bridges and provided six new shoulders in each direction. Responsibilities included attendar inspections, and construction close-out, etc.		ineering and aining all co of contractua	d inspection services for a new vertical lift bridge and operator's house instruction field records; coordinating with DOTD, contractor, parish gotal operations, pay estimates and progress reports; preparing final estimates	vernment, and utilities;	
		inspection services required for the fast-paced \$60M Safety Bay Improcations. The project used the CMAR method. Improvements added em	ergency stopping areas		
02/23 – Present	Bayou Barataria Movable Project Manager responsi Barataria Movable Bridge I	Bridge Replacent ble for providing con Replacement. This	onstruction of project cons	Phase 1, LA 302, Jefferson Parish, LA - LADOTD contract administration and construction engineering and inspection sersists of construction of the movable swing span bridge, operator's hous relocated LA 302 in Jefferson Parish.	
S.P. No. 064-05-0085 (CE&I), Bayou Lafourche Bridge at Larose, Lafourche Parish, LA – LADOTD Project Manager responsible for construction engineering and inspection services for an on-system vertical lift bridge. This new bridge replaced the former LA 310 pontoon bridge at LA 657 and extension to LA 308. This was the largest span lift bridge in the State of Louisiana. Scope of work included concrete piers, installation of structural steel members, welding, bolted connections, anchor bolts, field painting, and concrete approaches. Work involved the structural steel paint inspection of all bolted connections. This \$30 million project is the third largest ARAA funded transportation project in the state. Responsibilities included overall supervision; coordination with LADOTD, Parish, and Coast Guard; and QA/QC of project documentation.		Scope of work oncrete approaches. Indeed transportation			
11/24 - Present	Project Manager for this r	oadway project tha ctions. The project	nt includes re t also include	ppi Department of Transportation calignment of existing roadway at two sites, bridge replacement of four es a complete drainage analysis which includes evaluation of the existi e project.	

	O.D. N. 11.000040 C (OEO)), Off O. stars Highway Bridge Books and Off A. D. 11
06/14 – 01/17	S.P. No. H.006318.6 (CE&I): Off-System Highway Bridge Replacement- St. Ann Bridge over Bayou Terrebonne – LADOTD Project Manager responsible for this CE&I project that involved removal of a single-lane truss swing span bridge structure, existing fender system, timber bulkhead, operator house, and existing timber piling. New construction involved a single swing span bridge, concrete slab bridge approaches, concrete approach slabs, timber fender system, navigational lighting, grading, aggregate surfacing, and asphaltic concrete roadway paving.
09/22 – Present	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Project Quality Manager overseeing 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 serves 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 include the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H will also develop, maintain, and update Contractor Quality Management Plan and provide all necessary qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.
06/09 – 12/10	S.P. No. 742-55-0004 (CE&I): Westside Boulevard Road Extension, Terrebonne Parish, LA – LADOTD Project Manager for this CE&I project. The project involved construction of new PCC pavement roadway for the extension of the existing Westside Boulevard from Marie Drive to St. Louis Canal. The scope of work included drainage area and utilities, unclassified excavation, grading, lime treatment, Class II base course, Superpave concrete shoulders, and associated items.
03/12 – 12/15	S.P. No. 737-99-1024: Safe Routes to School Project, Louisiana DOTD Districts 02,03,07 and 62 – LADOTD Project Manager responsible for 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, signs, and marking improvements in the areas of schools such as: 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.
06/11 - 08/14	S.P. No. 852-26-0017 and SP No.825-25-0017 (CE&I): Interchange Improvements at Brownswitch Road, Route LA 1090 and LA1091, St. Tammany Parish, LA - LADOTD Project Manager for this project which involved improvements to the intersection of LA 1090 and LA 1091 at Brownswitch Road. Both roadways were widened to add turn lanes. Work involved grading, subsurface drainage, base course, asphaltic concrete, traffic signalization, pavement markings, permanent signing, and related work.
04/12 - 06/14	S.P. No. 742-52-0012: I-10 SW Frontage Road Extension (CE&I), Slidell, LA - LADOTD Project Manager for the construction of a concrete frontage road along the westbound of I-10 from approx. 1,300 ft. north of LA 433 to approx. 300 ft. south of Fremaux Road Interchange. Scope of work included grading/earthwork, base course, concrete paving, pre-cast concrete piling, approach slabs, lime treatment, concrete slab span bridge, pavement markings, and permanent signing.
04/08 - 12/09	S.P. No.742-36-0123: Woodland Drive Rehabilitation (CE&I), New Orleans, LA - LADOTD Project Coordinator for this Urban Systems CE&I project that involved removal of an existing road, grading, drainage structures, class II base course, PCC pavement, sidewalks, driveways, sewer system, water system, pavement markings, and related work on a section of Woodland Drive between General DeGaulle Drive and Tullis Drive.
02/10 – 09/11	SP No. 713-17-0045 (CE&I): Off-System Highway Bridge Program, Perkins Road Overpass, East Baton Rouge Parish, LA - LADOTD Project Manager for this CE&I project involved the rehabilitation of an off-system bridge and approach roadways. The project involved PCC repair and replacement, temporary lifting and realignment of spans, concrete overlay on the bridge, and reconstruction of asphalt concrete approach roadways on both sides of the bridge. Roadway work included grading, drainage, base course, super pave asphaltic concrete pavement, and related work for this CE& project that involved removal of a single land truss swing span bridge structure, existing fender system, timber bulkhead, operator house, and existing timber piling. New construction involved a single swing span bridge, concrete slab bridge approaches, concrete approach slabs, timber fender system, navigational lighting, grading, aggregate surfacing, and asphaltic concrete roadway paving.

Firm	employed by Hardesty & Hanover		
Name	1 7 7	Years of relevant experience with this employer	7
Title	Senior Project Engineer	Years of relevant experience with other employer(s)	30
Degre	ee(s) / Years / Specialization	M.E. / 2018 / Construction Management B.S. / 1984 / Civil Engineering	
Active	e registration number / state / expiration date	Professional Engineer: 25369 / LA / 3/31/2026 Certifications: ATSSA Traffic Control Supervisor and Flagger; FHWA Northern Pile Foundations – Construction Monitoring; LPA CE&I Certification	
Year registered	1993 Discipline	Civil Engineering	
Contract role(s) / b	orief description of responsibilities	Project Engineer; Meets MPR 2 & 3	
Experience dates	Experience and qualifications relevant to	the proposed contract; i.e., "designed drainage", "designed	d girders", "designed
(mm/yy-mm/yy)		cover the years of experience specified in the applicable MPR	
08/20 – Present	Services include daily monitoring of all construction ac government, and utilities; performing field testing; mai estimate packages; conducting construction progress	tion engineering and inspection services for a new vertical lift bridge and o ctivities; maintaining all construction field records; coordinating with DOTD intaining records of contractual operations, pay estimates and progress repreetings; construction and close-out and testing and acceptance of construction.	, contractor, parish ports; preparing final
08/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOEC 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. Mr. Wetekamm was also responsible for 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 – Present	is located at the I-10 West exit to College Drive, in adv Firm (CQCF) and oversees all Design Quality Control development and implementation of Comprehensive Of develop, maintain, and update Contractor Quality Mar	I, Baton Rouge, LA - LADOTD nd construction quality control/quality assurance for this road and bridge devance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Cortand Construction Quality Control activities for the project. H&H's responsional Quality Plan to ensure the design and construction conforms to all specified to the project specifications and testing and acceptance of construction may be a construction may be a construction of construction of construction may be a construction of construct	struction Quality Control bilities include the d requirements. H&H will , independent testing labs
H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Project Engineer responsible for managing construction contract administration and construction engineering and inspection services for 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. Danziger Vertical Lift Bridge Rehabilitation (SP 000303.6), Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Cert Inspectors for construction inspection. This project scope involved the replacement of the asphaltic concrete roadway on the lift span (310 with a latex modified concrete, replace the lifting ropes, replace most of the mechanical operating components, and rehabilitation of the ophouse.		tion contract administration and construction engineering and inspection seconsists of construction of the movable swing span bridge, operator's hous	
		span (310-lf x 72-lf)	

01/07 – 12/17	Area Engineer, LADOTD, District 02, LA – LADOTD Project Coordinator in responsible charge of providing for direct oversight on all construction projects including five bridge replacement projects, six roadway restoration projects, the federally funded Submerged Roads Program (55 streets, \$118 million), the federally funded Paths to Progress Program (69 streets, \$90 million), the Regional Transportation Management Center (\$13.9 million), and several Corps of Engineers flood protection projects on the state ROW. As the Department Coordinator, Mr. Wetekamm 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. He provided diligent oversight on the program and closely monitoring activities; coordinated revised construction method with the Construction Program Manager to save over \$10 million for additional roadways to be added to the programs.
06/12 – 12/13	US 90 Judge Seeber (Claiborne Ave) Vertical Lift Bridge (SP 001200), New Orleans, LA - LADOTD Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Certified Inspectors for construction inspection. This project scope involved the repainting of the bridge while maintaining marine and vehicular traffic, replacing deteriorated structural components, and repairing lift span guide rails.
07/07 – 08/18	S.P. No. 742-36-0117 Fleur De Lis Drive Reconstruction Phase II – Veterans Blvd to 30 th Street, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge of 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 of 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. Mr. Wetekamm's 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-ftlong new bridge consists of prestressed concrete pilings, with a combination of precast prestressed concrete girder spans and steel girder spans over I-610. He also coordinated with the Designer/ Engineer of Record, the City of New Orleans, and the LADOTD Program Manager from the inception of the project to provide the most effective design to meet the current needs of the public utilizing the current LADOTD BDEM and LSSRB. The bridge provides a dedicated protected bike lane.
07/16 – 09/18	Bayou La Loutre Vertical Lift Bridge Rehabilitation (SP 002562), St. Bernard Parish, LA - LADOTD Project Engineer responsible for assisting designers in understanding the bridge operation and maintenance preferences for the LADOTD and providing construction engineering and inspection services during construction. The Bayou La Loutre Bridge Rehabilitation Project scope consisted of bridge structural repairs, cleaning and painting of the bridge structure, installation of a new fender system, and replacement of the bridge operator house utilizing the current LADOTD BDEM and LSSRB. Built in 1957, this project was the first major rehabilitation to the bridge. Responsibilities included testing and acceptance of construction materials.

Firm e	mployed by Hardesty & Hanover		
Name	Lance Resendez, El	Years of relevant experience with this employer	3
Title	Civil Engineer Intern	Years of relevant experience with other employer(s)	1
	e(s) / Years / Specialization	B.S. / 2021 / Civil Engineering	
Active	registration number / state / expiration date	Engineer in Training: 34896 / LA / 9/30/2025 Certifications: ATSSA Traffic Control Technician / Supervisor; LPA CE	&I Certification
Year registered	2021 Discipline	Civil Engineering	
Contract role(s) / bi	rief description of responsibilities	Field Engineer Intern	
Experience dates		o the proposed contract; i.e., "designed drainage", "designed	
(mm/yy-mm/yy)		d cover the years of experience specified in the applicable MPR	.(s).
02/23 – Present	Field Engineer Intern responsible for providing co	placement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD nstruction contract administration and construction engineering and inspection consists of construction of the movable swing span bridge, operator's house ed LA 302 in Jefferson Parish.	
07/22 – Present	operator's house. The scope of the project includes 405 ft. of L A 316 to the west to avoid conflict with the scope of the project includes	canal Vertical Lift Bridge, Bourg, LA - LADOTD ation and construction engineering inspection for a newly designed 100-ftle improving the safety and vehicular movements within the project corridor by the new bridge structure and approach slabs. During the construction of the relation contract administration and construction engineering inspection services.	realigning approximately new vertical lift bridge and
12/22 – Present	the I-10 & I-12 West merge. H&H serves as Design	and bridge design-build project which is located at the I-10 West exit to Cogn-Builder's Construction Quality Control Firm (CQCF) and oversees all Det. H&H's responsibilities include the development and implementation of Co	esign Quality Control and
12/22 – Present	Engineer Intern for the bridge assessment, complethe Almonaster Avenue Bridge and a new connector	dustrial Canal, New Orleans, LA - Port of New Orleans ete rehabilitative engineering design, and road design services required for road. The road design services include a new alignment for the connecting rand a site plan that includes several retention ponds for drainage improve and reviewed by LADOTD.	oad including all drainage
07/22 – 10/23	Engineer Intern responsible for developing plans a	21 US190 Country Club Blvd. Sidewalks, Slidell, LA - LADOTD and specifications for improvement to the current sidewalk features of Rober aration of the overhaul of sidewalks and the addition of ADA compliant handing meet current LADOTD standards.	t Blvd. in Slidell Louisiana. cap ramps and landing

10/22 – 12/24	SR-609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS - MDOT Engineer Intern 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 to the 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 ft. 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.

Firm e	employed by Hardesty & Hanover		
Name	· · · · · · · · · · · · · · · · · · ·	Years of relevant experience with this employer	2
Title	Construction Inspector	Years of relevant experience with other employer(s)	9
Degre	e(s) / Years / Specialization	A.S. / 2007 / Drafting Design	
	e registration number / state / expiration date	Certifications: ATSSA Traffic Certified, Louisiana Nuclear Radiation Sa Linear Surveyor, Certified Asphalt Inspector, Certified Concrete (PCC) In Materials Safety Certified, ORM Blood-borne Pathogens, Plan Reading Certification	spector, Hazardous
Year registered	Discipline	N/A	
	rief description of responsibilities	DOTD Inspector - Certified	
Experience dates (mm/yy–mm/yy)		the proposed contract; <i>i.e.</i> , "designed drainage", "designed cover the years of experience specified in the applicable MPR(
04/23 – Present	of the project includes improving the safety and vehic	nal Vertical Lift Bridge, Bourg, LA - LADOTD inspection for a newly designed 100-foot-long vertical lift bridge and operatular movements within the project corridor by realigning approximately 405 and approach slabs. During the construction of the new vertical lift bridge and	feet of L A 316 to the
04/23 – Present	LADOTD Certified Inspector responsible for providing	acement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD ng construction inspection services for the Bayou Barataria Movable Bridge wing span bridge, operator's house, associated substructure elements, and	
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 whi in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control and Construction Quality Control activities for the project. Mr. Burkes provides inspection services and the construction of the project.		this road and bridge design-build project which is located at the I-10 West eas as Design-Builder's Construction Quality Control Firm (CQCF) and overs	
12/12 – 03/23	He was often used as an internal traffic expert in his u	role included construction inspection for numerous projects for quality contrunit. He managed pay items and daily diaries to maintain fiscal accountabilias a liaison for the state of Louisiana. He onboarded new inspectors and conce, and onsite teams.	ty. He also
10/14 – 09/16		s, Chalmette, LA - LADOTD nto Site Manager, including pay items and quantities input. Mr. Burkes was vidth, and length. Roadway reports and coring locations also fell under his i	•

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 for providing guidance regarding the proper procedures to the client.
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.

	Firm 6	employed by	Hardesty & Hanover					
88	Name		Dwayne Lewis	Years of relevant experience with this employer	1			
	Title		Construction Inspector	Years of relevant experience with other employer(s)	10			
	Degre	e(s) / Years / S	Specialization	N/A				
_			number / state / expiration date	Certifications: LADOTD Structural Concrete Inspector; LADOTD Aspha Inspector; ATSSA Traffic Control Technician, Supervisor, and Flagger; N Foundation Specialist; LPA CE&I Certification				
Year registe	ered		Discipline	N/A				
		ief description	of responsibilities	DOTD Inspector - Lead				
Experience				the proposed contract; <i>i.e.</i> , "designed drainage", "designed	girders", "designed			
(mm/yy-mr				cover the years of experience specified in the applicable MPR(
33	<i>JJ</i> /			nal Vertical Lift Bridge, Bourg, LA - LADOTD	. /			
07/04 Day				tion services for a new vertical lift bridge and operator's house. Services inc	clude daily monitoring of			
07/24 – Pre	esent	all construction activities; maintaining all construction field records; performing field testing; maintaining records of contractual operations; attending						
		construction progress meetings; construction close-out, etc.						
		I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD						
08/24 – Pre	esent	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						
00/21 110	300110	Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design						
		Quality Control and Construction Quality Control activities for the project. Mr. Lewis is also providing inspection services.						
		H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD						
07/24 – Pre	esent	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.						
			Construction; 450-17-0025, New Or	rleans I A - I ADOTD				
				spection of bridge spans and structures. Mr. Lewis also performed inspection	ons of new bridges			
04/08 - 09	9/10			ar installation, ending with overseeing concrete deck pours of 700cy plus no				
	.,			so overseeing the placement, finishing and curing as well. This project enco				
		inspection and maintenance of and Acro Bridge system, but pile to deck redesign and reconstruction of the original destroyed bridge.						
				t. Tammany Parish Routes I-10, I-12 & I-59; H.003107, St. Tammany Pa				
04/15 – 12	2/16			nalt plant inspection and testing for all 250,000 tons placed on the project be				
		asphalt plants as well as the density testing of all core samples taken on the project.						
				I.010601, St. Martin Parish, LA - LADOTD				
12/18 – 06	3/20	LADOTD Certified Inspector responsible for all asphalt roadway inspection as well as the inspection of roundabout construction. The \$54.7 million						
12/10 - 00	3120	project involved pavement replacement within the existing lanes in each direction for 2.7 mi. along I-10 from LA 347 to the base of the Atchafalaya Basin						
				nd direction. The project also added roundabouts at the Henderson intercha	inge.			
00/00	2/24		I-10 Interchange Improvements; H					
06/20 - 02	2/24			uction inspection (OV) of the fly over bridges from I-10 to Loyola including Footings, Columns,				
		Girders, Bridge I	Decks, Barrier Rail, Approaches, Med	lian Barrier, & Pier protection.				

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)* CE&I/OV			
Project name	Company Canal Vertical Lift B	ridge Replacement CE	Firm responsibility (prime or sub?) Prime			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, phor	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 pro	ovided by this fir	m (\$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-ft.-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-ft.-long lift span with an approximately 48-ft.-wide deck consisting of two 12-ft.-wide travel lanes, two 8-ft. shoulders, and a 5-ft. pedestrian walkway. The 40-ft. 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 ft. 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 stackpile materials, and prepare change orders
- Submitting "As-Built" plans with the final estimate
- Preparing final estimate packages, including Form 2059



SCOPE OF WORK RELEVANT TO THE CONTRACT:

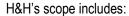
- LADOTD CE&I PROJECT
- NEW BRIDGE CONSTRUCTION
- LADOTD SOFTWARE USED SITEMANAGER AND HEADLIGHT

Key Personnel: Bobby Naghavi, PE, PH, PhD; Fred Wetekamm, PE; Lance Resendez, El; James Burkes, Dwayne Lewis

Firm name	Hardesty & Hanover		Past Performance Evalu	ation Discipline(s	s)* CE&I/O	J
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			\mathcal{E}	Ryan Morvant, PE	
Owner's address, phor	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 mi. downstream from the original bridge.

The LA 302 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-ft. 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-in. 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.



- 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, PH, PhD; Fred Wetekamm, PE; Lance Resendez, El; James Burkes; Dwayne Lewis;

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- NEW BRIDGE CONSTRUCTION
- LADOTD SOFTWARE USED HEADLIGHT AND SITEMANAGER





Firm name	Hardesty & Hanover			Performan	ce Evalu	ation Discipline(s)*	CE&I/OV	
Project name	I-10 & I-12 College Drive Flyover Ramp Design Build			Firm responsibility (prime or sub?) Sub		sub?) Sub		
Project number	er H.013897 Owner's name Louisiana Department of Transportation & Development							
Project location Baton Rouge, LA Owner's Project Manager Catherine				e Mastin, PE				
Owner's address	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 To			Total consultant contract cost (\$1,000's)		\$ 2,500			
Services completed by this firm (mm/yy) Ongoing			Cost of con	sultant se	rvices pr	ovided by this firm (\$	1,000's)	\$ 2,000

H&H is overseeing 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.

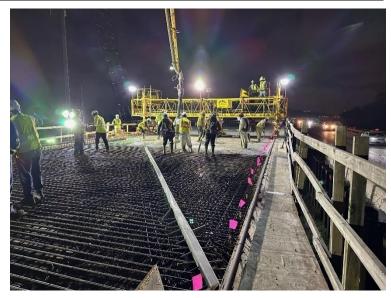
The project includes the design and construction of a new three lane I-10 West bridge, roadway design of a new two lane I-12 West, bridge rehabilitation of the bridge from I-12 West exit to I-10 East, connecting ramps and associated roadways, as well as rehabilitation of the Essen Lane bridge in advance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

H&H is serving 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 include 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 manages all document control to include daily diaries, collection of material certifications, NCRs, and weekly and monthly project reports.



Key Personnel: Bobby Naghavi, PE, PH, PhD; Fred Wetekamm, PE; Lance Resendez, El; James Burkes, Dwayne Lewis



SCOPE OF WORK RELEVANT TO THE CONTRACT:

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

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)* CE&I/OV			
Project name	Lake Pontchartrain Causeway	Safety Bay Improvement	t Project CE&I Firm responsibility (prime or sub?) Prime			Prime
Project number	432 Owner's name Greater New Orleans Causeway Commission					
Project location	Jefferson & St. Tammany Pa	rishes, LA	Owner's Pro	ject Manager	Carlton Dufrechou, Pl	E
Owner's address, phor	Owner's address, phone, email 3939 N. Causeway Blvd #400 Metairie, LA 70002 / 504.835.3118 / cdufrechou@gnoec.org					
Services commenced by this firm (mm/yy) 08/18			Total consultant contract cost (\$1,000's)		\$3,880	
· ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `			Cost of consultant services	s provided by this	s 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 CE&I 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
- BRIDGE CONSTRUCTION





Key Personnel: Bobby Naghavi, PE, PH, PhD; Fred Wetekamm, PE

Firm name	Hardesty & Hanover		Past Performance Evaluation Disciplin	e(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, phor	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 C			Cost of consultant services provided by th	is 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 LA 45 to approach the new bridge (LA 302) and roadway improvements on the west side of the new bridge, LA 3257.

The roadway improvement project is estimated to be completed in 2026. Features of the new roadway include an elevation change of the LA 45 roadway at LA 302 of 7-ft., which includes an embankment surcharge for 180 days, new 16-in. 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 LA 45 during construction. During the construction of the new roadways on LA 45, LA 302, and LA 3257, 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, PH, PhD; Fred Wetekamm, PE; Lance Resendez, EI; James Burkes; Dwayne Lewis

18. Approach and Methodology:

Project Understanding

The **H&H Team** will perform construction contract administration, construction, engineering and inspection (CE&I) services, document control, and testing of materials for the District 02 project LA 406: Roundabout at FE Hebert Blvd in Plaquemines Parish. These services will be performed in accordance with DOTD's Construction Contract Administration Manual and the LA Standard Specifications for Roads and Bridges. DOTD will assign a Project Engineer from one of its District 02 Offices to serve as a Construction Coordinator for DOTD during project construction.

The implementation of roundabouts at intersections increases safety by reducing the number of crashes, improving traffic flow with continuous movements of vehicles, and are lower in maintenance costs to the Department.

Roundabout construction requires detailed planning to minimize the disruption to current traffic flows while maintaining enough work area for construction of the new roundabout. This requires several phases of construction activities.

- 1 Safety
- 2 Maintenance & Protection of Traffic
- 3 Schedule, Staging and Long-Lead Items
- 4 Coordination with LADOTD
- 5 Public Information Outreach

Project Team and Key Staff

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 roadway construction projects, fixed bridges and movable bridges.

Babak "Bobby" Naghavi, PE, PH, PhD will be the Project Principal providing overall project/contract management and Quality Control for the contract. 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 02 assigned Construction Coordinator during project construction. Fred will be supported by our specialized bridge CE&I staff of qualified Civil construction engineers (Resident Engineers and Assistant Resident Engineers), our in-house CPM scheduler, and experienced LADOTD Certified Inspectors assigned to this project.

Specific Software and/or Equipment Desired

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

Key Issues of Roadway and Bridge Construction

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 and bridge construction experience and an understanding of the relevant health and safety issues of such construction projects. The approach to our work activities will include training for working adjacent to railroads, working adjacent to high-speed traffic, and fall protection. Staff members will receive orientation and training regarding the hazards of working near project equipment, especially heavy equipment. 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:

Pre-Construction

- Act as Project Engineer for the project and coordinate with the DOTD District 02 coordinator, District 02 Traffic Engineer, Headquarters personnel, the contractors' project team, utility companies, and other parties to attend the pre-construction meeting.
- Conduct the preconstruction meeting. H&H's project personnel understand the importance of this meeting because it sets the tone for how the project teams will engage during the project. The preconstruction meeting offers the opportunity for all attendees to voice their expectations for the project and highlight concerns that they may have during project construction. Another benefit is the promotion of team building to have a successful project.
- Prepare the preconstruction meeting agenda which will include

- review of the plans, Contract Special Provisions, an in-depth conversation of project phasing for the project, review of sampling of materials, initial review of submittals, RFIs, project schedule, and contractors' project staffing.
- Develop the project Sampling Plan if required.

Construction Administration

- Coordinate and conduct the weekly project progress meetings with DOTD and the Contractor. Produce meeting minutes and distribute amongst each of the attendees within five days of the progress meeting.
- Prepare the agenda and attendance record for the weekly progress meetings. Record the contractor's work progress, inspection results of construction activities, address RFIs, submittals, scheduling of future work, public comments, and safety items, as well as any other project concerns.
- Manage the Request for Information (RFI) process as defined on the DOTD website.
- Prepare 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.
- Generate and maintain separate logs for Change Orders, RFIs, and submittals which details the status of each.
- Review form work drawings and submit to DOTD for further handling, review, and distribution. Submit for approval to the DOTD Project Engineer as stated in the DOTD Standard Specifications.
- Ensure contractor's personnel maintain required qualifications and certifications throughout the life of the project.
- Review and distribute all Project submittals to the appropriate parties for review and/or approval.
- 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.
- 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.
- Be available for conferences, jobsite visits, and/or inspections by DOTD authorized representatives.
- Perform other duties normally required by DOTD Project Engineer's Office as directed by the DOTD Area Engineer.

Construction Inspection

- Provide necessary personnel, equipment, and materials needed to inspect the Contractor's construction operations (daily) and 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 H&H 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 (LAPAVE, SiteManager, HeadLight).
- 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.
- 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 the DOTD Area Engineer.
- Review the contractor's weekly payroll submitted in AASHTOWare.
- Coordinate with DOTD, Parish Engineers/Representatives, and relevant utility agency representatives for utility relocations and adjustments required for the project.
- 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 tests, laboratory test submitted, and tests results are properly

- documented in DOTD software systems (LAPAVE, SiteManager materials, HeadLight, and other systems).
- Collect and verify material Certificates of Delivery (CD),
 Certificates of Compliance (CC), and Certificates of Analysis
 (CA) for project materials and file for project closeout.
- Perform inspections and document the conditions of temporary traffic control devices and erosion control devices.

Project Closeout

- Review and coordinate the entire final estimate package with the DOTD District Laboratory, including document submittals from Contractor, in conformance with DOTD requirements.
- Prepare final estimate packages, including Form 2059 "Summary of Test Results" in conformance with DOTD requirements.
- 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, and an additional copy shall be provided to the district.



I-10 & I-12 College Drive Baton Rouge, LA

Key Technical Issues

Key technical components of the road and bridge construction that require close attention are:

> Traffic Control

Maintaining traffic control and detour to provide visual awareness for the traveling public, safety of the workers and the public, and minimize public travel delays through the construction zone.

> Project Schedule

- The H&H CE&I Team will provide an initial and monthly review of the Contractor's CPM 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 preconstruction 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 of this effort.
- Monitoring the impacts and effects on the public will be part of the CE&I obligations to minimize effects of restricted traffic flow at the project site.
- Installation of the required drainage materials will be inspected to ensure function when installed and at the end of project.

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 Contactor 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:

- O 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.
- <u>Drainage Work</u> 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.
- O 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.
- Ride Quality We will provide inspection during the placement to ensure the ride quality of the new roadway meets or exceeds the level of tolerances allowed.

Public Concerns

Required notification of project information which affects the travelling public will be monitored weekly. Notifications will be sent to the LADOTD Project Coordinator and 511. Public concerns will be addressed accordingly and will be tracked weekly in the progress meetings until resolved.

Final Acceptance of Construction

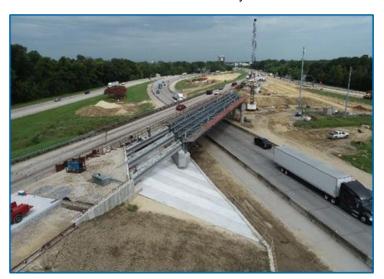
Early in the shop drawing approval process, emphasis will be placed on Project Acceptance. The Contractor, the H&H CE&I Team, and the Engineer of Record will work closely to identify any upcoming issues and provide early resolution. As-built construction documents will be maintained throughout the project and will be included with final acceptance along with correspondence, RFI responses, Plan Changes, and updated quantities.

Close out documents will be submitted in accordance with DOTD standard checklists and in accordance with DOTD's Contract Administration Manual.

Quality Assurance/Quality Control

An internal Quality Assurance/Quality Control (QA/QC) Plan will be developed for the project to provide a mechanism by which all project deliverables will be subject to a systematic and consistent review, including review of collection of all Certificates of Delivery, Certificates of Analysis, Certificates of Compliance, Material Sampling and Material Sampling frequency, required contract submittals by the contractor, tracking of project RFIs and Submittals, and any 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.



I-10 & I-12 College Drive Baton Rouge, LA

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
	Bridge	4400023511; H.009730.5 Task 1	Bridge Inspection of Complex Structures: Miller's Bluff, Jimmie Davis, West Fork Larouche Bridge Inspection	\$457,464
	Bridge	4400023511; H.009730.5 Task 2 Bridge Inspection of Complex Structures LADOTD Movable Bridge Inspection Manual		\$548,860
	Bridge	4400023511;H.009730.5 Task 3	Bridge Inspection of Complex Structures US 190 bridge Inspection; Krotz Springs - Completed	\$149,466
	Bridge	4400023511; H.009730.5 Task 4	Bridge Inspection of Complex Structures SNBI Data Collection	\$962,882
	CE&I/OV	4400017430; H.001498.6	LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish	\$63,686
	Bridge	4400023909; H.002798.6	Oaklawn Bridge Walkway / Parking Lighting Task Order No. 1	\$45
	Bridge	4400023909; H.002244.5	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal; Task Order No. 2	\$194,569
Hardesty & Hanover,	Bridge	4400023909; H.015963.5	IDIQ Contract for Movable Bridge Preservation Jackson Street; Task Order No. 3	N/A
LLC	Bridge	4400023909; H.002244.5	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal Task Order No. 4	\$292,029
	CE&I/OV	4400024021; H.015028.6	Bayou Barataria MB Replacement Route: LA 302	\$4,478,565
	CE&I/OV	4400024022; H.002264.6	Bayou Barataria MB Replacement Route: LA 302	\$1,284,122
	Bridge	4400021516; H.012063	Contact 4 for Movable Bridges (5) Old River	\$558,533
	Bridge	4400021516; H.013818	Contact 4 for Movable Bridges (5) Golden Meadow	\$560,930
	Bridge	4400021516; H.011962	Contact 4 for Movable Bridges (5) Lockport-Company Canal	\$456,242
	Bridge	4400021516; H.011986	Contact 4 for Movable Bridges (5) Montegut	\$571,019
	Bridge	4400021516; H.012734	Contact 4 for Movable Bridges (5) Kraemer	\$570,323
	Other – Ferry Landing	4400026585; H.006226.5	Point-A-La-Hatche Ferry Landing Replacement	\$113,240
	Other – Tunnel Inspection	4400028222; H.011006.5	2024 Statewide Tunnel Inspections: Inspection of Houma and Harvey Tunnels	\$480,189

20. Certifications/Licenses:















State of Louisiana

Department of Transportation and Development This certificate is presented to

Lance M. Resendez Jr, El

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

5/11/2025









State of Louisiana

Department of Transportation and Development This certificate is presented to

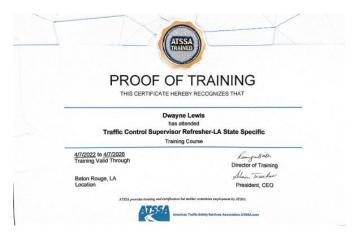
James Burkes

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

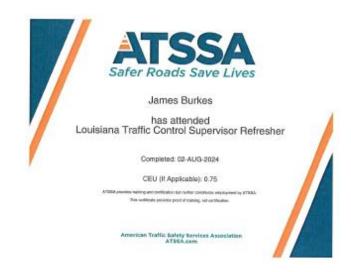
















State of Louisiana

Department of Transportation and Development

This certificate is presented to

Dwayne Lewis

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

5/14/25



Professional Licenses for MPR Personnel



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD

(LAPEL

9643 Brookline Avenue, Suite 121

Baton Rouge, LA 70809 Phone (225) 925-6291

www.lapels.com

Mr. Babak Naghavi

License/Certificate Type - Number

Expiration Date

PE.0020745

09/30/2026

Status: Active



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD

(LAPELS)

9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809

Phone (225) 925-6291

www.lapels.com

Mr. Frederick Louis Wetekamm III

License/Certificate Type - Number

PE.0025369

Status: Active Exp Date: 03/31/2026

Secretary of State Documents

2/12/25, 12:26 PM Commercial - Search

State of Louisiana Secretary of State

COMMERCIAL DIVISION 225.925.4704

State

<u>Fax Numbers</u> 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: 7/6/2012

Domicile Address

2711 CENTERVILLE ROAD, SUITE 400

WILMINGTON, DE 19808

Mailing Address

1501 BROADWAY, 6TH FLOOR

NEW YORK, NY 10036
Principal Business Office

1501 BROADWAY, 6TH FLOOR

NEW YORK, NY 10036

Registered Office in Louisiana

3850 N. CAUSEWAY BOULEVARD, SUITE 1625

METAIRIE, LA 70002

Principal Business Establishment in Louisiana

3850 N. CAUSEWAY BOULEVARD, SUITE 1625

METAIRIE, LA 70002

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 7/6/2012 **Last Report Filed:** 7/3/2024

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 6/1/2017 Date:

Officer(s)
Additional Officers: No

https://coraweb.sos.la.gov/CommercialSearch/CommercialSearchDetails_Print.aspx?CharterID=991993_C5533DFB98

2/12/25, 12:26 PM

Officer: SEAN BLUNI
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 TUCKMAN

Title: Member

Address 1: 1501 BROADWAY, 6TH FLOOR
Address 2: HARDESTY & HANOVER

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 21401

Amendments on File (1)

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

Commercial - Search

Print

21. **QA/QC Plan:**

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

22. <u>Sub-consultant information:</u>

Firm Name	Address	Point of Contact and email address	Phone Number
(Name must match <u>exactly</u> as registered			
with Louisiana's Secretary of State			
(SOS): including punctuation, include			
screenshot(s) from SOS at the end of			
Section 20)			
N/A			

23. Location:

N/A



3850 N. Causeway Blvd, Suite 1625 Metairie, LA 70002 T: 504.962.9212 la@hardestyhanover.com