

**CONTRACT NOS. 4400034605, 4400034606,
AND 4400034607**

**IDIQ CONTRACT FOR
DESIGN OF SAFETY PROJECTS
STATEWIDE WITH MAJORITY
OF WORK IN DISTRICT 02, 61, & 62**



MARCH 19, 2026

Submitted by:

HEI Hartman Engineering, Inc.

In Association with:



DOTD FORM: 24-102

(Revised August 11, 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

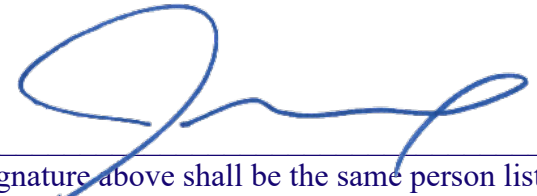
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACTS FOR DESIGN OF SAFETY PROJECTS STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 02, 61, AND 62
2. Contract Number(s) as shown in the advertisement	4400034605, 4400034606, AND 4400034607
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Hartman Engineering, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001344
6. Prime consultant mailing address	527 W. Esplanade Ave., Suite 300 Kenner, LA 70065
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	16044 Highway 73, Building 107 Prairieville, LA 70769
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Jared B. Monceaux, P.E., President 225-313-4617 jmonceaux@harteng.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jared B. Monceaux, P.E., President 225-313-4617 jmonceaux@harteng.com

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:

03/18/2026

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):

USI – Urban Systems, Inc.
CDC - Civil Design & Construction, Inc.

Firm(s)' %:

5%
10%

DBE GOAL = 0%

12. Discipline Table:

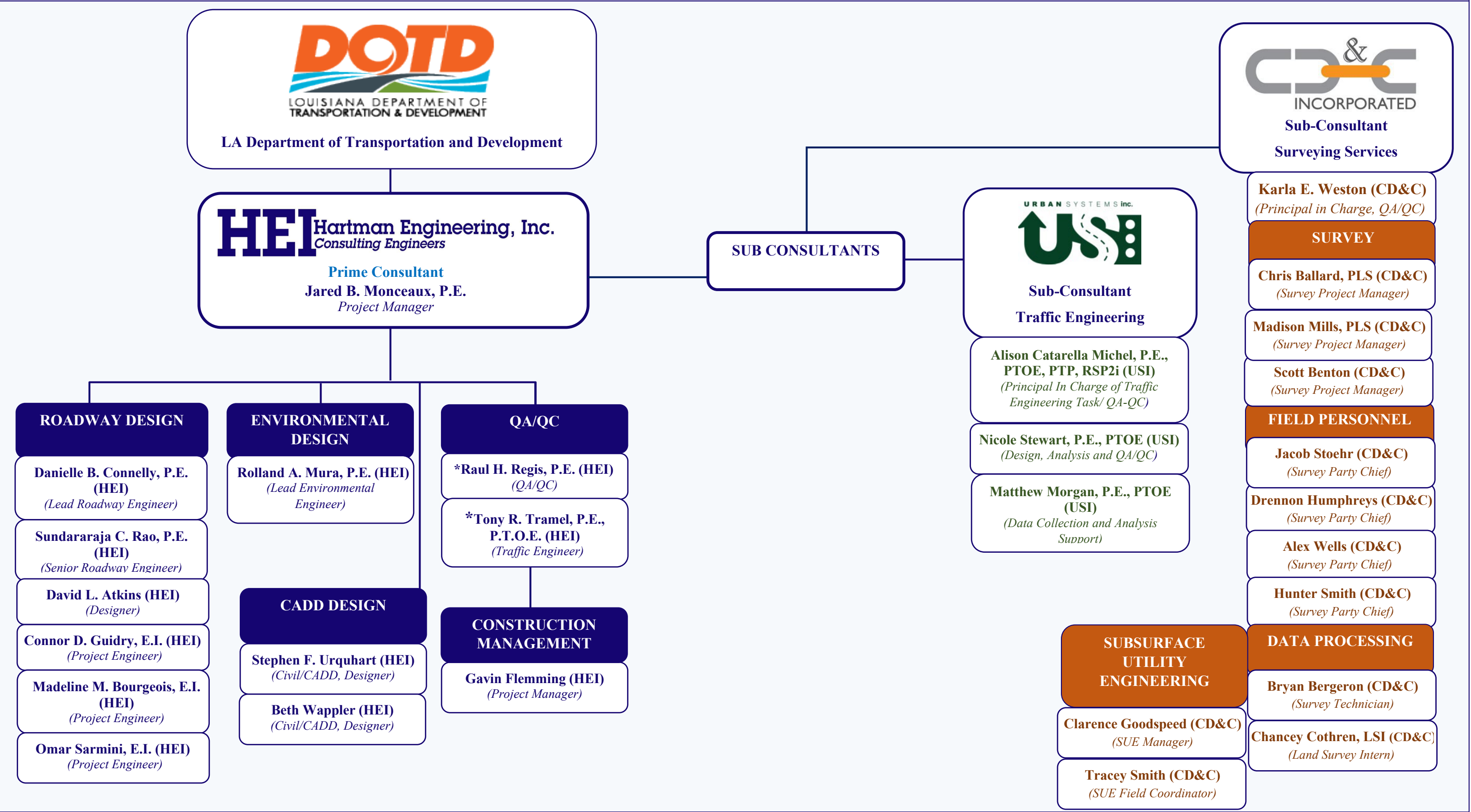
Past Performance Evaluation Discipline(s)	% of Overall Contract	HEI (Prime)	CD&C (Sub Consultant)	USI (Sub Consultant)	Each Discipline must total to 100%
Road	85%	100%			100%
Traffic	5%			100%	100%
Survey	10%		100%		100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	85%	10%	5%	100%

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

13. Team Size:

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
<u>Hartman Engineering, Inc.</u> 	CADD Operator	1	2
	Clerical	1	3
	Designer	1	1
	Engineer	2	4
	Engineer Intern	3	4
	Environmental Pro	1	1
	Inspector	1	2
	Supervisor - Eng	1	1
<u>Urban Systems Inc.</u> 	Engineer	3	4
	Engineer Intern	3	3
	Engineering-Aide	1	1
	Clerical	1	2
	CADD Technician	2	2
<u>Civil Design & Construction, Inc.</u> 	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	6
	Supervisor - Other	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	Jared B. Monceaux, P.E.	<u>Hartman Engineering, Inc.</u> 	P.E. # 32202 - Civil	LA	03/31/2028
2	Jared B. Monceaux, P.E.		P.E. # 32202 - Civil	LA	03/31/2028
3	Jared B. Monceaux, P.E. Danielle B. Connelly, P.E.		P.E. # 32202 - Civil P.E. # 36284 - Civil	LA LA	03/31/2028 09/30/2027
4	Chris Ballard Madison Mills	<u>Civil Design & Construction, Inc.</u> 	PLS # 5033 PLS # 5296	LA LA	09/30/2026 03/31/2026
5	Nicole Stewart, P.E., PTOE	<u>Urban Systems, Inc</u> 	PTOE # 34750	LA	09/30/2027

16. Staff Experience: Hartman Engineering, Inc.

Firm employed by				
Name	Jared B. Monceaux, P.E.	Years of relevant experience with this employer	19 (2007)	
Title	Principal, Project Manager	Years of relevant experience with other employer(s)	11 (1996)	
Degree(s) / Years / Specialization		B.S., 2001, Civil Engineering, University of Louisiana at Lafayette		
Active registration number / state / expiration date		PE.0032202 / Louisiana / 03/31/2026	PE.18867 / Mississippi / 12/31/2026	
Year registered	2006	Discipline	Civil	
Contract role(s) / brief description of responsibilities		MPRs 1, 2, & 3; Project Manager; Design Engineer Mr. Monceaux responsibilities will include: - Project Manager - Preliminary and Final Plans - Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Monceaux has almost thirty years of engineering project management and design experience on municipal projects, specifically road and bridge system improvement projects. His road and bridge experience includes large and small urban and rural road projects, small slab span and concrete girder bridges. More experience includes engineering design and project management experience with a variety of engineering projects including wastewater treatment plants, sewer pump stations, collection systems, transportation, drainage, permitting, and wetland delineation. Tasks performed include scope, layout, design, permitting, bidding, and construction administration.				
(02/2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA:</u> Mr. Monceaux was the Project Manager and Design Engineer for the design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09			
(05/2011 – 06/2017)	<u>SPN 742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. (Victory Dr. to Westwood Dr.) Jefferson Parish, LA:</u> Project Manager and QC/QA Engineer for the widening of this major arterial boulevard section Urban Systems Project from 4 lanes to 6 lanes. Mr. Monceaux was responsible for all geometric and hydraulic review. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, pavement widening, utility relocation and temporary traffic control. HEI Project No. 11-014-53 (Phase 85)			
(2018 – 2020)	<u>Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA:</u> Mr. Monceaux is the Project Manager for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonnabel, new signal to include pedestrians and future bike path. HEI Project No. 11-014-95			

(02/2022 – 2025)	<u>SPN H.012914.5, LADOTD - Task Order #5 – LA 3073: Ambassador @ Verot – Chemin - Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Monceaux served as the Project Manager and QC/QA Engineer for this project. HEI’s responsibilities included extending existing turn lanes at LA 89 and LA 3073 to improve traffic flow and safety. The scope involved extending the eastbound and westbound left-turn lanes on LA 3073 and removing the island between the left-turn lane and the through lanes to enhance operational efficiency. Additionally, the eastbound and westbound right-turn lanes on LA 3073 were extended to accommodate increased traffic demand. Roadway widening and median modifications were designed in appropriate locations to meet current design standards, ensuring compliance with safety and operational requirements. HEI Project No. 12-092-14D./
(09/2022 – 2024)	<u>SPN H.009425.5, LADOTD - Task Order #4 – LA 16 (N 2nd Street to LA 445) IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Monceaux served as the Project Manager for this project. HEI’s responsibilities included removing the existing storm drain system and replacing it with a larger system to increase hydraulic capacity. These upgrades were designed to reduce flooding along LA 16 by improving flow efficiency and minimizing head losses. The improved drainage system also aimed to protect nearby businesses from potential flooding. Mr. Monceaux managed the project’s design and execution, ensuring it met performance goals and project requirements. HEI Project No. 12-092-14b
(10/2019 – 02/2021)	<u>SPN H.972104 US 190 Sidewalk Improvements (US 11 (Front St.) to 14th St.), Slidell, LA.:</u> Mr. Monceaux is the Project Manager and QC/QA Engineer for the preparation of Plans (letter size) and Specifications for the removal of Existing Sidewalks and Pedestrian Signals and replace with updated ADA compliant sidewalks, Handicap Ramps and Pedestrian Signals Construction Value of approximately \$500,000. HEI Project No. 12-090-11
(03/2015 – 2024)	<u>SPN H.004957, F.A.P. No. H004957: LADOTD –I-12 to Bush Corridor LA 3241 (LA 434 – LA 36), St. Tammany Parish, LA:</u> Mr. Monceaux is the Project Manager and QC/QA responsible for the preparation of plans and specifications for the subject project. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. Mr. Monceaux provides consultant coordination and project management and QA/QC coordination. HEI Project No. 12-092-10
(12/2014 – 05/2018)	<u>SPN H.011490, FAP No. H.011490: LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA:</u> Mr. Monceaux was the project manager for the preparation of plans and specifications for the subject project. The project improvements include preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements feature an intersection design, signal design, ancillary roadway and drainage designs. Mr. Monceaux provides sub-consultant and client coordination, project management, QC/QA coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities include roadway modeling via InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. HEI Project No. 12-031-07

Firm employed by					
Name	Danielle B. Connelly, P.E.	Years of relevant experience with this employer	21 (2005)		
Title	Operations Manager	Years of relevant experience with other employer(s)	0		
Degree(s) / Years / Specialization		B.S., 2006, Civil Engineering, Louisiana State University, Baton Rouge, LA			
Active registration number / state / expiration date		PE.0036284 / Louisiana / 09/30/2025			
Year registered	2011	Discipline	Civil		
Contract role(s) / brief description of responsibilities		MPR 3; Lead Roadway Engineer; Mrs. Connelly responsibilities will include: - Design - Preliminary and Final Plans			
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).				
Mrs. Connelly has twenty years of experience as a design engineer and project manager for a variety of projects throughout southern Louisiana for several local and state government agencies. Mrs. Connelly’s design experience includes: • Roadway and Bridge Design for local corridors and highways (geometric, traffic, and sequencing), • Drainage Designs (canals, levees, gravity, and force main sub-surface systems via traditional and trenchless installation methods), and Environmental and Civil Site Design for sanitary sewer and drainage pump stations in simple duplex, triplex, and dual-bay multi-pump facilities, • Utility Designs for Water Distribution & Sanitary Sewer Collection Systems (gravity and force main via traditional & trenchless installation methods),					
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA:</u> Mrs. Connelly was the Lead Design Engineer for the traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09				
(2018 – 2026 est.)	<u>LADOTD SP 700-26-0234, 826-44-0027; Dickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:</u> Mrs. Connelly served as the Lead Engineer for this project. The design included comprehensive checks on vertical and horizontal alignment, hydraulic design, and quantity computations. She led coordination efforts with the U.S. Army Corps of Engineers' Pump to the River project and Entergy’s Transmission Towers to ensure compatibility with existing infrastructure. Additionally, the design incorporated necessary corrections to align with current 2006 specifications and updated bid items, ensuring compliance with regulatory and project requirements. (HEI Project No. 12-092-06)				
(2023 – 2027 est.)	<u>Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA:</u> Mrs. Connelly was the project engineer. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)				
(2018 – 2020)	<u>Intersection Improvements (Veterans Boulevard and Bonnabel Boulevard), PWP No. 2017-028-RBP, Jefferson Parish, LA:</u> Mrs. Connelly, Lead Design Engineer, the project consists of a series of roadway and intersection improvements designed to enhance safety, mobility, and future multimodal use. Key elements include the addition of a single sweeping left-turn lane from eastbound Veterans Boulevard to northbound Bonnabel Boulevard, as well as dual sweeping left-turn lanes from westbound Veterans				

	Boulevard to southbound Bonnabel Boulevard. The existing northbound Bonnabel Boulevard U-turn will be relocated approximately 125 feet to the north, while the southbound U-turn will be shifted 100 feet to the south. In addition, the Veterans Boulevard U-turn on the west side of the intersection will be relocated, and new median landscaping will be introduced along Veterans Boulevard near Aurora Avenue. To accommodate these improvements and a planned future bike path, a new traffic signal will also be designed to serve the revised turning movements. HEI Project No. 11-014-95
(02/2022 – 2025 est)	<u>SPN H.012914.5, LADOTD - Task Order #5 – LA 3073: Ambassador @ Verot – Chemin - Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mrs. Connelly was the Lead Design Engineer. HEI's responsibilities included extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove the island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadways and the median modifications in appropriate locations are to meet design standards.
(09/2021 – 2023)	<u>SPN H.014100.5, LADOTD - Task Order #3 – LA 408: I-110 – LA 410 (Hooper Rd.), IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mrs. Connelly served as the Lead Design Engineer for this project. The project involved concrete panel replacement and composite pavement repair along the travel lanes of LA 408, extending from 565 feet west of the centerline of the I-110 overpass to the end of the concrete section, covering approximately 4.5 miles and including the intersection of LA 410 and LA 408. Mrs. Connelly led the design efforts, overseeing the development of repair strategies, ensuring compliance with design standards, and addressing project-specific challenges. The project also included curb repair as needed, with detailed plans developed for construction phasing, traffic control, and cross-sectional layouts to ensure accurate representation of proposed improvements. Her leadership focused on enhancing roadway durability and ensuring the project met all regulatory and safety requirements. HEI Project No. 12-092-14a
(2015 – 2024)	<u>SPN H.004957, F.A.P. No. H004957: LADOTD –I-12 to Bush Corridor LA 3241 (LA 434 – LA 36), St. Tammany Parish, LA:</u> Mrs. Connelly is the Lead Design Engineer responsible for the preparation of plans and specifications for the subject project. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. Ms. Connelly provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation.
(12/2014 – 05/2018)	<u>SPN H.011490, FAP No. H.011490: LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA:</u> Mrs. Connelly is the Lead Design Engineer responsible for the preparation of plans and specifications for the subject project. The project improvements include preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements feature and intersection design, signal design, ancillary roadway and drainage designs. Mrs. Connelly provides sub-consultant and client coordination, project management, QC/QA coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. Additional technical responsibilities include roadway modeling via Bentley InRoads and MicroStation and providing LaDOTD Submittals and Coordination via the Bentley ProjectWise interface. HEI Project No. 12-031-07

Firm employed by



Name	Sundararaja C. Rao, P.E. (Retired)		Years of relevant experience with this employer	19 (2007)
Title	Senior Project Engineer		Years of relevant experience with other employer(s)	40 (1967)
Degree(s) / Years / Specialization		B.S., 1965, Civil Engineering, University of Mysore, India	M.T., 1967, Hydraulic Engineering, I.I.T., Bombay, India	M.S., 1972, Sanitary & Waste Resources Engineering, Brigham Young University
Active registration number / state / expiration date		PE.0017005 / Louisiana / 09/30/2025 **registered as RETIRED, which allows him to continue to hold his lapel status and work		
Year registered	1978	Discipline	Civil/Environmental	
Contract role(s) / brief description of responsibilities		Roadway Engineer; Mr. Rao has responsibilities that will include: - Design - Plans		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Rao has over five decades of civil/hydraulic experience related to transportation systems, with a strong emphasis on the design and administration of roadway-related projects. He has served in many capacities including design engineer, chief engineer of local civil consulting firms and has also served as project manager of many roadways and LADOTD off-system bridge replacement projects. Mr. Rao is currently serving as HEI’s Lead Roadway and Bridge Design Engineer and performs QA/QC.				
(2018 – 2026 est.)	<u>LADOTD SP 700-26-0234, 826-44-0027; Hickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:</u> Mr. Rao is providing Engineer Support for the Design, include performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers Pump to the River project and Entergy’s Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. Mr. Rao provided his expert Drainage Design on this project. Project No. 12-092-06			
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), Lafourche Parish, LA:</u> Mr. Rao is the QC/QA Engineer for the traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09			
(2023 – 2027 est.)	<u>Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA:</u> Mrs. Rao is providing Drainage expertise and Design. He is a project engineer on this project. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)			

(2011 – 2015)	<u>SPN H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA:</u> Mr. Rao was the Road Design Engineer for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 ft west of its interchange with I-510. Responsible for geometric and hydraulic design. A Categorical Exclusion (CE) was required for this project. HEI Project No. 12-092-08
(2011 – 2016)	<u>SPN 742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. (Victory Dr. to Westwood Dr.) Jefferson Parish, LA:</u> Mr. Rao provided Roadway Engineer for the widening of this major arterial boulevard section Urban Systems Project from 4 lanes to 6 lanes. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, pavement widening, utility relocation and temporary traffic control. HEI Project No. 11-014-53
(2016 - 2017)	<u>SPN H.011007 Chateau Blvd Resurfacing (W. Esplanade Ave. to Vintage Dr.), Project No. 2014-007-RB, Contract No. 4400005982, Jefferson Parish, LA.:</u> Mr. Rao provided Engineer Support for the preparation of Plans and Specifications for the design of a resurfacing project for 0.75 miles of a boulevard section, which included Milling and Asphalt Concrete Overlay, Base Course Replacement, and Curb and Gutter Replacement. Construction Value of \$1.2 million. HEI Project No. 12-092-12
(Work Prior to HEI.)	<u>SPN 022-06-0040 & 022-07-0050: LADOTD, Black River Bridge and Approaches, US 84, Jonesville, LA:</u> Mr. Rao was the Roadway Design Engineer of this project located in Central Louisiana. The roadway project involved the geometric designs of approximately 2 miles of both five-lane urban roadway through the city of Jonesville with subsurface drainage, and four lane divided roadway, bridge approaches, geometric designs, sight distance analysis, traffic signalization, construction sequencing and phasing schemes. (Work Prior to HEI.)
(2015 – 2024)	<u>SPN H.004957, F.A.P. No. H004957: LADOTD –I-12 to Bush Corridor LA 3241 (LA 434 – LA 36), St. Tammany Parish, LA:</u> Mr. Rao is the QA/QC engineer responsible for the review of plans and specifications for the subject project The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. HEI provides consultant coordination and project management, QA/QC coordination, geometric roadway and intersection design, drainage design, roadway modeling via InRoads software, specifications review and preparation, construction cost estimate and quantity take-offs preparation. HEI No. 12-092-10
(2015 – 2017)	<u>LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, SPN H.011490, F.A.P. No. H.011490, Ascension Parish, LA :</u> Mr. Rao was the QA/QC engineer responsible for the review of plans and specifications for the subject project. The project improvements include preliminary and final designs for the widening of an urban arterial (UA-3) 2-lane corridor to accommodate proposed left turns at the intersection of LA 30 and S. Purpera Ave. The improvements feature and intersection design, signal design, ancillary roadway and drainage designs. Mr. Rao provided QA/QC coordination, value-engineering recommendations, utility conflict review and coordination, geometric roadway and intersection design, drainage design, specifications review and preparation, construction cost estimate and quantity take-offs preparation. (HEI No. 12-031-07)
(04/1999 – 07/2013)	<u>SPN 700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA:</u> Mr. Rao was the QC/QA Engineer for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project begins at the junction of LA 311 and ends at the junction of LA 3040. The proposed undivided urban section will consist of 4-3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project is approximately 1.931 km (1.20 miles) in length. Project includes modifications to an existing signal and new signal design. HEI Project No. 12-092-02

Firm employed by



Name	Tony R. Tramel, P.E., P.T.O.E. (Retired)		Years of relevant experience with this employer	12 (2014)
Title	Traffic Engineer		Years of relevant experience with other employer(s)	46 (1972)
Degree(s) / Years / Specialization		B.S., 1972, Engineering, Interdisciplinary Engineering, Purdue University, West Lafayette, IN	Master of City Planning, 1974, City Planning, Georgia Institute of Technology, Atlanta, GA	Master of Engineering, 1974, Traffic Engineering/Transportation Planning
Active registration number / state / expiration date		Status Retired		
Year registered	1981	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Lead Traffic Engineer; Mr. Tramel responsibilities will include support on: - Traffic Design - Traffic Studies		
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).			
	Transportation planning included the development of short- and long-range transportation plans for municipalities ranging in population from 90,000 to 260,000 persons. This work encompassed the use and calibration of transportation models to forecast future traffic conditions and the design of alternative transportation systems to accommodate future transportation demand. Mr. Tramel has been directly involved in traffic operational analysis, geometric and traffic signal design of more than 50 intersections. These intersections include locations in Lafayette, Louisiana, Vero Beach, Florida, and within the Dallas / Ft. Worth (DFW) Metroplex area it includes the cities of Grand Prairie, Arlington, Plano, Rockwall, Dallas, and Ft. Worth. Mr. Tramel has advocated the use of modern roundabouts in Lafayette. The first modern roundabout in Louisiana was implemented with assistance of the LaDOTD more than 10 plus years ago at the intersection of two LaDOTD routes using District Maintenance funds and designs promulgated by Mr. Tramel. More than 13 modern roundabouts are either built or are under design in Lafayette Parish. Modern roundabouts are the only traffic control device that enhances / improves efficiency, convenience, and traffic safety. • USA, Professional Traffic Operations Engineer (PTOE), (121) • Fellow Member of Institute of Transportation Engineers, (07060) • Adjunct Instructor, University of Southwest Louisiana, 1999			
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), Lafourche Parish, LA:</u> Mr. Tramel provided QC/QA for this design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Boulevard and Jackson St., also connecting Back St. and Thompson Place at the east and west approaches. Design conforms to EDSM V1.11.6., and current 2017 roadway design guidelines. HEI Project No. 12-092-09			

(03/2021 – 08/2021)	<u>Intersection Control Evaluation (ICE) Traffic Study at Jefferson Highway and Proposed Dickory Avenue, “Dickory Avenue Extension to Jefferson Highway” Public Works Project No. 2020-010-RBP, Jefferson Parish, LA.-</u> Mr. Tramel served as the Traffic Engineer for this project. HEI was tasked with evaluating various intersection control options at the intersection of Dickory Avenue and Jefferson Highway (LA 48) to assess their impact on traffic operations and safety. The project involved developing reasonable design concepts to address identified traffic concerns and improve overall safety. These concepts were designed in sufficient detail to determine geometric feasibility, assess right-of-way (ROW) requirements, and support informed decision-making. Jefferson Parish proposed realigning Dickory Avenue and Jefferson Highway (LA 48) to intersect at Powerline Drive, with the primary goal of alleviating congestion and enhancing traffic flow and safety in the area. HEI Project No. 12-092-06B
(04/2023 – 11/2023)	<u>Intersection Control Evaluation (ICE) for Intersection of Lapalco Boulevard at Tanglewood Drive as Part of Lapalco Boulevard Improvements, Jefferson Parish, LA:</u> The traffic volume during a weekday for Lapalco Boulevard east of Tanglewood Drive was found to be 16,000 vehicles a day. The traffic volume on Tanglewood Drive was projected to be approximately 3,000 vehicles in a 24-hour period. Tanglewood Drive forms a T-type intersection with Lapalco Boulevard and is controlled by a conventional stop sign arrangement. The purpose of this ICE Study is to evaluate the various intersectional control strategies and ascertain which ones might be suitable as it relates to the proposed widening of Lapalco Boulevard at Tanglewood Drive (HEI Project No. 11-014-53-86)
(2011 – 2016)	<u>SPN 742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. (Victory Dr. to Westwood Dr.) Jefferson Parish, LA:</u> QC/QA Engineer for the widening of this major arterial boulevard section Urban Systems Project from 4 lanes to 6 lanes. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, pavement widening, utility relocation and temporary traffic control. HEI Project No. 11-014-53
(09/2012 – 10/2022)	<u>SPN H. 014316 LADOTD – Lapalco Blvd. (Tanglewood to Victory) Phase 2, Jefferson, Parish, LA:</u> QC/QA Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. The Project is approximately 0.7 miles and includes a 2-lane section from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control and a new signal. HEI Project No. 11-014-53-86
(03/2014 – 2015)	<u>Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA:</u> Mr. Tramel was the Traffic Engineer on this project. Study of feasibility and potential traffic, environmental, and economic impacts of implementing the proposed left turn lane on LA 30 in comparison with existing conditions. The report follows all guidelines from LDOTD’s Stage 0 Manual of Standard Practice. HEI Project No. 12-031-06
(2015 – 2017)	<u>SPN H.011490, FAP No. H004957: LaDOTD- 30 at Purpera Intersection Improvements, City of Gonzales, LA:</u> Mr. Tramel was the Traffic Engineer on this project. The project includes intersection improvements for traffic safety and efficient traffic movement at LA 30 and Purpera Avenue in the City of Gonzales. The proposed improvements include widening LA 30 to provide room for constructing a left turn lane for eastbound traffic and a new traffic signal. An improved striping plan, drainage improvements, removal of a commercial driveway, new pavement, and mill and overlay are all incidental improvements to the proposed work. Mr. Tramel provided all signal design services. HEI Project No. 12-031-07
(05/2018 – 03/2022)	<u>Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA.:</u> Mr. Tramel is the signal design engineer for this capacity improvements project at the intersection of Vets/Bonnabel. Additional left turn lanes are included in both directions along Veterans, new U-turns along Bonnabel, new signal to include pedestrians and future bike paths. HEI Project No. 11-014-95

Firm employed by				
Name	Rolland A. Mura, P.E., BCEE	Years of relevant experience with this employer	24 (2002)	
Title	Senior Project Manager	Years of relevant experience with other employer(s)	30 (1972)	
Degree(s) / Years / Specialization		B.S., 1970, Civil Engineering, Tulane University	M.S., 1971, Environmental Engineering, Tulane University	
Active registration number / state / expiration date		PE.0014997 / Louisiana / 03/31/2026	PE.8409 / Mississippi / 12/31/2025	
Year registered	1974	Discipline	Civil/Environmental	
Contract role(s) / brief description of responsibilities		Environmental Engineer; Mr. Mura's responsibilities will include any support on environmental requirements or assistance needed.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Mura's experience includes 50 years on public infrastructure projects in planning (NEPA documentation, environmental assessments, Facility Plans and Environmental Information Documents for US EPA/LDEQ funded projects), grant applications (HMGP/FEMA, LADOTD/SWFCP, WARD, US EPA), project engineering, and project management for parish and municipal engineering projects.				
(2014 – 2015)	<u>Stage 0 Feasibility Study Proposed Left Turn Lane on LA 30 at South Purpera Avenue/South Hodgeson Avenue, Ascension Parish, LA:</u> Mr. Mura provided the Study of feasibility and potential traffic, environmental, and economic impacts of implementing a proposed left turn lane on LA 30 in comparison with existing conditions. The report follows all guidelines from LDOTD's Stage 0 Manual of Standard Practice. HEI Project No. 12-031-06			
(12/2008 – 12/2009)	<u>SPN 2007-060-RB: Jefferson Parish - Stage 0 Feasibility Study, Northbound Manhattan Boulevard to Elevated Eastbound West Bank Expressway, Jefferson Parish, LA:</u> Mr. Mura provided the Environmental review for the study of two alternative flyovers at the intersection of Manhattan Boulevard and Westbank Expressway that would allow direct entry to eastbound Westbank Expressway from Northbound Manhattan Boulevard. HEI Project No. 12-087-03			
(05/2012 – 06/2014)	<u>SPN / H.004747 F.A.P. No. STP-3609(518): LADOTD - Lake Forest Blvd. Widening (Eastover to I-510), New Orleans, LA:</u> Mr. Mura provided the Environmental Study (Categorical Exclusion) for the extension (approx. 650') a new westbound section of this urban collector road, approximately 450 ft west of its interchange with I-510. Responsible for the design and coordination efforts between LADOTD, City of New Orleans, and the Regional Planning Commission. A Categorical Exclusion (CE) was required for this project. HEI Project No. 12-092-08			
(2004 – 2013)	<u>SPN 700-55-0101: LADOTD - Hollywood Road (Junc. LA 311 to Junc. LA 3040), Terrebonne Parish, LA:</u> Mr. Mura provided the Environmental Study (EA) for this urban systems project that consists of providing environmental analysis, evaluation and documentation, preliminary and final plans for the widening of Hollywood Road in the City of Houma. The project begins at the junction of LA 311 and ends at the junction of LA 3040. The proposed undivided urban section will consist of 4-3.6 m (12ft) travel lanes with curb and gutter, and sub-surface drainage. The project is approximately 1.931 km (1.20 miles) in length. Project includes modifications to an existing signal and new signal design. HEI Project No. 12-092-02			

Firm employed by				
Name	Raul H. Regis, P.E.	Years of relevant experience with this employer	9 (2017)	
Title	Project Engineer	Years of relevant experience with other employer(s)	27 (1990)	
Degree(s) / Years / Specialization		B.S., 1990, Civil Engineering, Florida State University		
Active registration number / state / expiration date		P.E.0034006 / Louisiana / 09/30/2026	P.E. 18695 / Mississippi / 12/31/2026	P.E.85074 / Florida/ 02/28/2027
Year registered	2006	Discipline	Civil	
Contract role(s) / brief description of responsibilities		QA/QC Engineer; Mr. Regis responsibilities will include: - Design - Plans		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Regis has over 30 years of experience in project management, design of complex highways, multi-level interchanges and urban streets for major clients such as MDOT, LDOTD, NASA, USACE, FDOT, Florida’s Turnpike Enterprise, the Miami-Dade Expressway Authority (MDX), and the Puerto Rico Highway Authority. Additional clients include The City of New Orleans, Ascension Parish, St. John the Baptist Parish, St. Tammany Parish, Louisiana and in Florida: Broward County, Palm Beach County, Miami-Dade County, the City of Miami, and the City of Pembroke Pines. Further design experience includes roundabout design, signal design and advanced traffic control.				
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Road Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), Lafourche Parish, LA:</u> Mr. Regis provided QA/QC Engineering for this traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. The improvements include roadway widening, valve engineering, utility relocations, drainage design, geometric design, extensive phasing, and temporary traffic control. Design will conform to EDSM V1.11.6., and current 2017 roadway design guidelines. (HEI Project No. 12-092-09)			
(02/2018 – 12/2019)	<u>C. Braud Road Safety Widening, Ascension Parish, LA:</u> Mr. Regis provided QA/QC for approx. 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction. (HEI Project No. 12-031-13)			
(2015 – 2024)	<u>SPN. H.004113: LADOTD, I-12 to Bush, St. Tammany Parish, LA:</u> Mr. Regis was Project Manager for this project providing approximately 5.5 miles of a 4-lane divided highway from the proposed LA 3241 to the LA 40/LA 41 intersections in Bush, LA. As a sub the corresponding scope for this project was the preliminary design of the bridge over Talisheek Creek, approximately 500’ in length. Additional tasks included the development of the bridge scour report at Talisheek Creek, and the QA/QC of the roadway plans for the project. Design fees for this project are approximately \$135k. (With previous employer.)			
(2008 – 2013)	<u>SPN. 450-10-0108: LADOTD - I-10 Widening from Siegen Lane to the I-10/I-12 Split, Post Design Services and Geotechnical Support, Baton Rouge, LA:</u> Mr. Regis was Project Manager responsible for the coordination of the geotechnical activities for all bridge substructures, and post design services during construction. Other responsibilities included the re-design of the traffic control plans for the I- 10 main line and ramps, approximately 4.6 miles. Additionally, this project required close coordination with the LDOTD Project Engineer and his staff, and the contractor’s construction manager. Approximate contract value is \$350,000. (With previous employer.)			

(2014 – 2015)	<u>I-10 Widening from Highland Road to LA-73, Baton Rouge, LA:</u> Mr. Regis was Project Manager for this project to widen I-10 from a four-lane divided section to a six-lane divided section. The widening will require the construction of an additional lane of traffic in both eastbound and westbound directions. The proposed additional lane of traffic will require the bridge over Highland Road to be replaced and the existing bridges over Bayou Manchac and LA-73 to be widened. The approximate length of the project is 6.7 miles and design fees are approximately \$1.4 m, with tentative completion date of August 2015. (With previous employer.)
(2011 – 2013)	<u>SPN. H000498: Improvements to US 190 from LA 22 to Lonesome Road, St. Tammany Parish, LA:</u> Mr. Regis was Project Manager responsible for the re-design of approximately 1.5 miles of US 190. Activities included close coordination with LADOTD, revisions to drainage plans, redesign of traffic signals, revision to existing superelevation and traffic control plans. Project was on an expedited schedule and in metric units, making this a challenging project. The approximate contract value is \$150,000. (With previous employer.)
(2015 – 2016)	<u>LADOTD - Calcasieu River Bridge EIS, SPN. H.006783, Lake Charles, LA:</u> Mr. Regis was Project Manager responsible for the coordination of the NEPA process and roadway related tasks such as alternatives development, geometric analysis, and the Interchange Justification Report. The primary purpose of this project is to increase capacity along I-10 from the east and west interchanges with I-210 in the Lake Charles region. The study corridor is approximately 9 miles long and includes the high-level Calcasieu River Bridge. It also includes improvements and widening to the interstate approach roadways on either side of the urban bridge, including several complex interchanges. Approximate contract value \$6M. (EIS in development). (With previous employer.)
(Work Prior to HEI.)	<u>SPN. H.004791, LADOTD- Belle Chasse Tunnel and Bridge Replacement Stage 1- Environmental Assessment, Plaquemines Parish, LA:</u> Mr. Regis was Project Manager responsible for the coordination of the NEPA process in particular the Bridge and Tunnel Historic Preservation alternatives. The Belle Chasse Tunnel and the Judge Perez Bridge are critical transportation links for residents, businesses and industries in the Westbank, Plaquemines Parish. Concerns have been identified with the functionality and reliability of these existing structures that form the LA 23 crossing of the Algiers Canal/Algiers Alternate Route of the Gulf Intracoastal Waterway (GIWW) and their ability to meet the needs of both the vehicular and maritime transportation corridors and the surrounding community. Replacing the existing structures will make both daily commutes and hurricane evacuations easier, faster, and more reliable. It will help encourage economic growth in the area by providing the area's businesses and industries with a more efficient transportation system. A new bridge is also expected to be far less expensive to operate and maintain than the existing Belle Chasse Tunnel and Judge Perez Bridge. Project was on an expedited schedule and in metric units, making this a challenging project. (With previous employer.)
(Work Prior to HEI.)	<u>Intersection Improvements US 190 at Northpark, St. Tammany Parish, LA:</u> Mr. Regis was Project Manager responsible for final layout of intersection improvements on two streets within the Northpark Business Park which connect to US Highway 190. Improvements include widening existing streets to add capacity for turn movements and improving traffic signals as needed to accommodate new movements. The design of an additional left turn lane from US 190 to Northpark, and a right turn lane from Northpark to US 190 was also included. The approximate contract value is \$120,000. (LADOTD, State Project No. 700-30-0270) (Construction Completed).
(Work Prior to HEI.)	<u>I-110 Bridge Rehabilitation, Biloxi, MS:</u> Mr. Regis was Project Manager responsible for the development of complex traffic control plans for a heavily traveled bridge requiring rehabilitation. Task included maintaining traffic on the bridge during rehabilitation work. The approximate contract value is \$70,000. (MDOT) (Completed).

Firm employed by



Name	David L. Atkins		Years of relevant experience with this employer	11 (2015)
Title	Designer		Years of relevant experience with other employer(s)	44 (1971)
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Designer; Mr. Atkins responsibilities will include: - Design - Plans	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Atkins brings over 50 years of experience in design and construction administration for local, state, and federal agencies in Mississippi and Louisiana. He is a versatile designer with expertise in roadways, bridges, hydraulics, wastewater treatment and collection, water treatment and distribution, permitting, large-scale erosion control projects, and various aspects of airport design.				
(2018 – 2026 est.)	<u>LADOTD SP 700-26-0234, 826-44-0027; Dickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:</u> Mr. Atkins is providing Design Support for the Roadway Design. Additionally, the design incorporated necessary corrections to align with current 2006 specifications and updated bid items, ensuring compliance with regulatory and project requirements Project No. 12-092-06			
(2017 – 2018)	<u>SPN H.012884, FAP H.012884: Woodmere Blvd. Panel Replacement, Jefferson Parish, LA:</u> Mr. Atkins performed quantity take-offs and QC/QA for this concrete panel replacement project with an expected cost of \$3,000,000. HEI Project No. 12-092-13			
(01/2019 – 05/2020)	<u>UTL-17-002, Task Order No. HEI-19-003, LA HWY 42 – LA HWY 73 Roadway Corridor (Project Area P1-6), Ascension Parish, LA:</u> Mr. Atkins provided Design Support to HEI and helped performed a preliminary engineering study to determine two potential sewer collection alignments/ conceptual design including construction costs based upon finding of current sewer flows. HEI Project No. 12-031-12C			
(2017 – 2020)	<u>C. Braud Road Safety Widening, Ascension Parish, LA:</u> Mr. Atkins provided Design Support to HEI for the Approx. 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction. HEI Project No. 12-031-13			
(Work Prior to HEI.)	<u>Road and Bridge Experience:</u> Mr. Atkins has designed and constructed over 100 Mississippi State Aid Road and Bridge Projects in Adams and Wilkinson Counties. Mr. Atkins was involved in the widening of U.S. 61 and U.S. 84 (50 miles) and the relocation of Hwy 33 and 28 for MDOT. (Work performed under previous consulting firm).			
(Work Prior to HEI.)	<u>Airport Experience:</u> Mr. Atkins has designed all major aspects of the Natchez-Adams County Airport, including runways, T-hangers, drainage, etc. (Work performed under previous consulting firm).			
(Work Prior to HEI.)	<u>Drainage and Erosion Control Experience:</u> Mr. Atkins has designed and constructed over 150 NRCS EWP projects. The largest being the Natchez Bluff Stabilization project funded by the USACE and NRCS, (\$30 million construction cost). Mr. Atkins managed and designed over 25 projects funded by the USACE 592 program. (Work performed under previous consulting firm).			



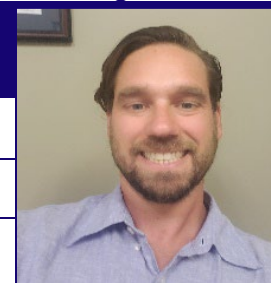
Firm employed by					
Name	Connor D. Guidry, E.I.		Years of relevant experience with this employer		9 (2017)
Title	Engineer Intern		Years of relevant experience with other employer(s)		1 (2017)
Degree(s) / Years / Specialization		B.S., 2018, Civil Engineering, Louisiana Tech University, Ruston, LA			
Active registration number / state / expiration date		EI.0033801 / Louisiana / 03/31/2027			
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities		Project Engineer; Roadway Engineer, Design, Preliminary, & Final specifications & plans			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
Mr. Guidry first started with HEI as an engineering intern in 2016. He began full-time after graduating in 2018 and also gained his E.I. that year. Mr. Guidry has experience in Roadway/Highway, Drainage, and Sewer projects, with many of the projects including safety widening and intersection improvements.					
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), Lafourche Parish, LA:</u> Mr. Guidry was a Project Engineer that addressed comments, changes to design, attended Plan in hand meetings and assisted the lead engineer. Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson ST. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Blvd. and Jackson St., also connecting Back St. and Thompson Pl. at the east and west approaches. Design will conform to EDSM V1.11.6. (HEI Project No. 12-092-09)				
(2018 – 2026 est.)	<u>LADOTD SP 700-26-0234, 826-44-0027; Dickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:</u> Mr. Guidry served as the Roadway Design Engineer for this ongoing project and continues to provide project engineer support. His responsibilities included comprehensive checks on vertical and horizontal alignment, hydraulic design, and quantity computations. He coordinated closely with the U.S. Army Corps of Engineers’ Pump to the River project and Entergy’s Transmission Towers to ensure compatibility with existing infrastructure. In addition, Mr. Guidry’s work incorporated necessary design corrections to align with the 2006 specifications and updated bid items, ensuring full compliance with regulatory and project requirements\.. (HEI Project No. 12-092-06)				
(2023 – 2027 est.)	<u>Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA:</u> Mrs. Guidry is a project engineer providing the lead Roadway Design. HEI is providing all Roadway Design services for Eastbound and Westbound roadways to install a new Westbound bridge crossing Harvey Canal. (HEI Project No. 11-014-53-86)				
(02/2022 – 2025 est)	<u>SPN H.012914.5, LADOTD - Task Order #5 – LA 3073: Ambassador @ Verot – Chemin - Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Guidry provided Design Support for the lane extension. HEI’s responsibilities included extending existing turn lanes to LA 89 and LA 3073. Extended the eastbound and westbound left turn lanes on LA 3073 and removed island between the left turn lane and the through lanes. Also, extended the eastbound and westbound right turn lanes on LA 3073. The widening of roadways and the median modifications in appropriate locations met design standards. (HEI Project No. 12-092-14D)				

(10/2019 – 02/2021)	<u>SPN H.972104 US 190 Sidewalk Improvements (US 11 (Front St.) to 14th St.), Slidell, LA:</u> Mr. Guidry provided Engineering Support for the preparation of Plans (letter size) and Specifications for the removal of Existing Sidewalks and Pedestrian Signals and replace with updated ADA compliant sidewalks, Handicap Ramps and Pedestrian Signals Construction Value of approximately \$500,000. HEI Project No. 12-090-11
(09/2021 – 2023)	<u>SPN H.014100.5, LADOTD - Task Order #3 – LA 408: I-110 – LA 410 (Hooper Rd.), IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Guidry responsibilities included Design, Pavement Tables, site visit to field work and assessment. The project includes concrete panel replacement and composite pavement repair along the travel lanes of LA 408 from 565- ft west of the CL of the I-110 overpass up to the end of concrete section approximately 4.5 miles (and including the intersection of LA 410 and LA 408). The Project also includes curb repair as needed. HEI Project No. 12-092-14a
(09/2022 – 2024)	<u>SPN H.009425.5, LADOTD - Task Order #4 – LA 16 (N 2nd Street to LA 445) IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Guidry was Project Engineer and provided Preliminary Drainage submittal and Design of the proposed system. HEI's responsibilities included removing the existing storm drain system and replacing it with a larger system + 0 increase the hydraulic capacity. These improvements will help prevent the flooding of LA 16 by adding a properly sized system with reduced head losses and in addition help to eliminate flooding possibilities for the businesses fronting LA 16. HEI Project No. 12-092-14b
(12/2021 – 5/2025)	<u>RR056 Gentilly Terrace Group F – Project No. 2021-RR056 (DPW FEMA PW No. 21032), City of New Orleans, LA:</u> Mr. Guidry was Roadway Engineer and assisted in Design, Preliminary and final construction plans. HEI is responsible for performing design engineering services and construction administration services for FEMA-eligible roadway repairs on assigned streets within RR056 Gentilly Terrace Group F neighborhoods. Includes replacing damaged underground water, sewer, and drainage lines, repaving the roadway, replacing, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. HEI Project No. 11-076-10
(2011 – 2016)	<u>SPN 742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD - Lapalco Boulevard Improvements (Victory Dr. to Westwood Dr.) Jefferson Parish, LA:</u> Mr. Guidry was a Project Engineer and assisted in Design, Preliminary and final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, wetland delineation and jurisdictional determination, public hearings, regulatory agency coordination, permitting, (404 from COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation. HEI Project No. 11-014-53
(2015 – 2017)	<u>LA 30 AT Purpera Intersection Improvements, Project No. SPN H.0011490, Ascension Parish, LA –</u> Mr. Guidry provided Engineering Support for the intersection improvements for traffic safety and efficient traffic movement at LA 30 and Purpera Avenue in the City of Gonzales. The proposed improvements include widening LA 30 to provide room for constructing a left turn lane for East and Westbound traffic signal, drainage improvements, removal of a commercial driveway, and a new pavement are all incidental improvements to the proposed work. (HEI Project No. 12-031-07)
(2017 – 2020)	<u>C. Braud Road Safety Widening, Ascension Parish, LA:</u> Mr. Guidry was a Project Engineer that addressed comments, changes to design, attended Plan in hand meetings and assisted the lead engineer. Approx. 1 mile of safety widening along C. Braud Rd. and adding turning lanes on LA 928 onto C. Braud Rd. Design includes Roadway, Drainage and Sequence of Construction. HEI Project No. 12-031-13

Firm employed by						
Name	Madeline M. Bourgeois, E.I.		Years of relevant experience with this employer	5 (2021)		
Title	Engineer Intern		Years of relevant experience with other employer(s)	0		
Degree(s) / Years / Specialization			B.S., 2019, Civil Engineering, Louisiana State University, Baton Rouge			
Active registration number / state / expiration date			E.I. EI34782 / Louisiana / 09/30/2025			
Year registered	2021	Discipline	Civil			
Contract role(s) / brief description of responsibilities			Project Engineer; Roadway Engineer, Design, Preliminary, & Final specifications & plans			
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).					
Ms. Bourgeois just started with HEI as an engineering intern in 2021. She began full-time in January 2022. Ms. Bourgeois has experience in Roadway/Highway projects, with these projects including safety widening and intersection improvements.						
(09/2021 – 2023)	<u>SPN H.014100.5, LADOTD - Task Order #3 – LA 408: I-110 – LA 410 (Hooper Rd.), IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Ms. Bourgeois assisted with plans and specifications. The project includes concrete panel replacement and composite pavement repair along the travel lanes of LA 408 from 565- ft west of the CL of the I-110 overpass up to the end of concrete section approximately 4.5 miles (and including the intersection of LA 410 and LA 408). The Project also includes curb repair as needed. HEI Project No. 12-092-14a					
(2022 – Ongoing)	<u>SPN H. 014316 LADOTD – Lapalco Blvd. (Tanglewood to Victory) Phase 2, Jefferson, Parish, LA:</u> Ms. Bourgeois is a roadway Engineer for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Ms. Bourgeois is responsible for roadway activities and active participation in design. The Project is approximately 0.7 miles and includes 2 lane sections from 1 lane to a 2 lane boulevard utility relocation, temporary traffic control, and a new signal.					
(02/2022 – 2025)	<u>SPN H.012914.5, LADOTD - Task Order #5 – LA 3073: Ambassador @ Verot – Chemin - Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Ms. Bourgeois is assisting on design for this project. HEI’s responsibilities will include extending existing turn lanes to LA 89 and LA 3073. Extend the eastbound and westbound left turn lanes on LA 3073 and remove the island between the left turn lane and the through lanes. Also, extend the eastbound and westbound right turn lanes on LA 3073. The widening of roadways and the median modifications in appropriate locations are to meet design standards.					
(09/2022 – 2024)	<u>SPN H.009425.5, LADOTD - Task Order #4 – LA 16 (N 2nd Street to LA 445) IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Ms. Bourgeois was Project Engineer assisting with drainage maps. HEI’s responsibilities included removing the existing storm drain system and replacing it with a larger system + 0 increase the hydraulic capacity. These improvements will help prevent the flooding of LA 16 by adding a properly sized system with reduced head losses and in addition help to eliminate flooding possibilities for the businesses fronting LA 16. HEI Project No. 12-092-14b					

Firm employed by						
Name	Omar Sarmini, E.I		Years of relevant experience with this employer	2 (2024)		
Title	Engineer Intern		Years of relevant experience with other employer(s)	0		
Degree(s) / Years / Specialization			B.S., 2025, Civil Engineering, Louisiana State University, Baton Rouge			
Active registration number / state / expiration date			E.I. EI36243 / Louisiana / 09/30/2026			
Year registered	2026		Discipline	Civil		
Contract role(s) / brief description of responsibilities			Engineer Intern; Mr. Sarmini's responsibilities will include assisting the Project Manager and Project Engineers on Design work.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).					
Mr. Sarmini has been an integral part of Hartman Engineering for over a year. He began his career with the firm as a summer intern, and upon graduating from LSU in May 2025, transitioned into a full-time role. Since then, Mr. Sarmini has consistently demonstrated initiative and technical skill, providing valuable support to Project Engineers across a wide range of projects. His rapid growth and contributions have made him a reliable and trusted member of the Hartman team.						
(2023 – 2027 est.)	Public Works No. 2017-046-RBP – Lapalco Blvd. Bridge over Harvey Canal – Jefferson Parish, LA: Mr. Sarmini is providing Engineer Support to the Lead Engineer, Mrs. Connelly, for this project. The design included comprehensive checks on vertical and horizontal alignment, hydraulic design, and quantity computations. She led coordination efforts with the U.S. Army Corps of Engineers' Pump to the River project and Entergy's Transmission Towers to ensure compatibility with existing infrastructure. Additionally, the design incorporated necessary corrections to align with current 2006 specifications and updated bid items, ensuring compliance with regulatory and project requirements. (HEI Project No. 11-014-53-86)					
(2022 – Ongoing)	SPN H. 014316 LADOTD – Lapalco Blvd. (Tanglewood to Victory) Phase 2, Jefferson, Parish, LA: Mr. Sarmini is providing Engineering Support to the Roadway Engineer, Mr. Guidry, for the widening of this major arterial 2 lane section Urban Systems Project from 2 lanes to a 2-lane boulevard section. Ms. Bourgeois is responsible for roadway activities and active participation in design. The Project is approximately 0.7 miles and includes 2 lane sections from 1 lane to a 2-lane boulevard utility relocation, temporary traffic control, and a new signal.					

Firm employed by



Name	Gavin Fleming		Years of relevant experience with this employer	3 (2023)
Title	Construction Manager		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		Louisiana State University, Baton Rouge, LA	Bachelor of Science, Construction Management, 2008	
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Project Manager ; Mr. Fleming's responsibilities will include assisting on Construction Support		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Fleming has 15 years of Construction Management experience. Responsibilities include managing office personnel, meeting clients, estimating/budgeting projects, interpreting project documents, managing and analyzing projects. Construction Markets include Commercial and Municipal.				
(2021 – 2023)	<u>Veterans Memorial Blvd. Multi-Use Path and Improvements, DPW No. 2021-011-RB Jefferson Parish, LA:</u> Mr. Flemming provided Construction Admin for this project. The project consists of designing an ADA compliant bicycle and pedestrian path, signage for the Lafreniere Park Entrance, landscaping, locations for art and sculptures, cross corridor pedestrian access, and application of complete street policy on Veterans Memorial Blvd. to N. Scenic Drive. This project includes a proposed bike path along Downs Blvd from Veterans Memorial Blvd. to N. Scenic Dr., approximately 180-ft into Lafreniere Park from the park entrance. (HEI Project No. 11-014-102)			
(2020 – 2023)	<u>Florence Street Drainage Improvements, Paillet Ave. to Brown Ave. Canal (PWP No. 2020-004-DR), Jefferson Parish, LA:</u> Mr. Flemming provided Construction Admin for this project. This project includes the installation of approximately 300 ft. of 54” RCP, and 400 ft. of 60” RCP along Florence Street between Paillet Avenue and the Brown Avenue Canal, including catch basins, manholes, outfall, street replacement, mill, and overlay of roadway, relocations of utilities that interfere with the construction, and other incidentals. (HEI Project No. 11-014-98)			
(09/2017 – On Going)	<u>RR 189 Village De L’Est Group C, DPW Project NO. 2017-RR189, DPQ REMA PW NO. 21032:</u> Mr. Flemming provided Construction Admin for this project. The Engineering and construction management services for fall roadway reconstruction including drainage, water, and sewer replacements. The construction cost is approximately \$8,000,000. HEI Project No. 11-014-92			

Firm employed by				
Name	Stephen F. Urquhart	Years of relevant experience with this employer	29 (1997)	
Title	Civil/CADD Designer	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		Associate degree, 1997, Drafting/Design (AutoCAD/GIS)		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		CADD Specialist; Mr. Urquhart responsibilities will include: - Design - AutoCADD drafting/designing		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Urquhart has almost 30 years of drafting experience. Through his many years of service, he has amassed a wide range of drafting experience. In addition, through the years, he has become a competent design assistant on many diverse and complex projects. Mr. Urquhart is experienced in AutoCAD drafting/designing, ESRI ArcView/GIS mapping & database, extraction of GPS survey data for mapping via ArcView/GIS, illustrations, & renderings.				
(2015 – 2024)	<u>SPN H.009320/F.A.P. H009320: Acadian Roundabout, Route LA 20 (Canal Boulevard) and Local Routes (Back St., Jackson St., Thompson Place), LaFourche Parish, LA:</u> Mr. Urquhart performed CADD and drafting services for the design of a traditional-shaped, dual-lane, five-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodaux, LA. His responsibilities included developing detailed plan sheets for roadway widening, geometric design, and drainage improvements. He assisted in drafting utility relocation plans, valve engineering layouts, and temporary traffic control measures, ensuring proper phasing for construction. Mr. Urquhart also prepared design visualizations, cross-sections, and detailed alignments to support project coordination and review. All design elements conform to EDSM V1.11.6 and the 2017 roadway design guidelines, ensuring compliance with current standards. HEI Project No. 12-092-09			
(2018 – 2022)	<u>Intersection Improvements (Veterans Blvd. – Bonnabel Blvd.) JP Parish Project 2017-028-RBP, Jefferson Parish, LA:</u> Mr. Urquhart was responsible for all drafting services for the capacity improvements project at the intersection of Veterans Boulevard and Bonnabel Boulevard. His work included detailed design drawings for the addition of left-turn lanes in both directions along Veterans Boulevard to improve traffic flow and reduce congestion. The project also incorporated new U-turn lanes along Bonnabel Boulevard to enhance accessibility and circulation. Additionally, he contributed to the design of upgraded traffic signals, which now include pedestrian accommodation and provisions for future bike paths, ensuring improved safety and multimodal connectivity for the area. (HEI Project No. 11-014-95)			
(02/2022 – 2025 est)	<u>SPN H.012914.5, LADOTD - Task Order #5 – LA 3073: Ambassador @ Verot – Chemin - Bonin Improvements, IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Urquhart served as the CADD Designer for this project. HEI’s responsibilities included extending existing turn lanes at LA 89 and LA 3073 to improve traffic flow and safety. The scope involved extending the eastbound and westbound left-turn lanes on LA 3073 and removing the island between the left-turn lane and the through lanes to enhance operational efficiency. Additionally, the eastbound and westbound right-turn lanes on LA 3073 were extended to accommodate increased traffic demand. Mr. Urquhart provided			

	detailed CADD design services, including the preparation of plan sheets for roadway widening, median modifications, and geometric layouts to ensure the design met current standards and specifications. HEI Project No. 12-092-14D
(09/2022 – 2024)	<u>SPN H.009425.5, LADOTD - Task Order #4 – LA 16 (N 2nd Street to LA 445) IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Urquhart served as the CADD Designer for this project. HEI's responsibilities included removing the existing storm drain system and replace with a larger system + 0 increase the hydraulic capacity. These improvements will help prevent the flooding of LA 16 by adding a properly sized system with reduced head losses and in addition helping to eliminate flooding possibilities for the businesses fronting LA 16. HEI Project No. 12-092-14b
(09/2021 – 2023)	<u>SPN H.014100.5, LADOTD - Task Order #3 – LA 408: I-110 – LA 410 (Hooper Rd.), IDIQ Contract for Pavement Preservation Services with Majority of Work in Districts 02, 03, 07, 61, and 62:</u> Mr. Urquhart provided detailed CADD and drafting services for this project, which involved concrete panel replacement and composite pavement repair along the travel lanes of LA 408. The repair area extended from 565 feet west of the centerline of the I-110 overpass to the end of the concrete section, covering approximately 4.5 miles and including the intersection of LA 410 and LA 408. His responsibilities included preparing detailed plan sheets for concrete panel removal and replacement, composite pavement repair layouts, and curb repair locations as needed. Mr. Urquhart also developed construction phasing plans, traffic control layouts, and detailed cross-sections to ensure accurate representation of proposed improvements. HEI Project No. 12-092-14a
(2011 – 2016)	<u>SPN 742-26-0033 / H.007175, F.A.P. No. 6130 (010): LADOTD – Lapalco Blvd. (Victory Dr. to Westwood Dr.) Jefferson Parish, LA.:</u> Mr. Urquhart provided CADD services for the widening of this major arterial boulevard section Urban Systems Project from 4 lanes to 6 lanes. The project is approximately 0.8 miles and includes installation of new curb and gutter sections, subsurface drainage, pavement widening, utility relocation and temporary traffic control. HEI Project No. 11-014-53
(2018 – On Going)	<u>LADOTD SP 700-26-0234, 826-44-0027; Dickory / Hickory Avenue Extension (LA 48 - Mounes), Route LA 3154, Jefferson Parish, LA:</u> Mr. Urquhart provided drafting support for plan revisions, ensuring accuracy in roadway and drainage layouts. His work also involved drafting coordination details between the U.S. Army Corps of Engineers' Pump to the River project and Entergy's Transmission Towers. Design included performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers Pump to the River project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items. (HEI Project No. 12-092-06)
(2017 – 2018)	<u>SPN No. H012884: LADOTD - Woodmere Boulevard Panel Replacement, Jefferson Parish, LA.:</u> Mr. Urquhart provided drafting services. This project was designed under HEI's previous LADOTD's Pavement Preservation Retainer. The project required concrete panel replacements determined during design, along Woodmere Boulevard from Lapalco Boulevard to Eastview Drive (1.15 miles). Curb replacement was also considered due to adjacent panel replacements.
(2015 – 2024)	<u>SPN H.004957, I-12 To Bush Corridor LA3241 (I-12 TO LA36) St. Tammany Parish, LA:</u> Mr. Urquhart provided drafting services. The project improvements include preliminary design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design. Mr. Urquhart prepared technical drawings for drainage systems, roadway modeling using InRoads software, and detailed plan sheets for project specifications. HEI No. 12-092-10
(2015 – 2017)	<u>SPN H.011490, F.A.P. No. H.011490: LADOTD – LA 30: Left Turn Lane at S. Purpera Ave, Ascension Parish, LA:</u> Mr. Urquhart is responsible for electronic plan preparation and development via Bentley MicroStation in conformance with LADOTD drafting requirements, plan production via Bentley Interplot Professional software, certification via CAD conform, and submittal assistance utilizing the Bentley ProjectWise Interface. HEI Project No. 12-031-07

Firm employed by



Name	Beth Wappler		Years of relevant experience with this employer	2 (2024)
Title	Civil/CADD Designer		Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization			University of Houston UH Community College Drafting 1985	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			CADD Designer; Ms. Wappler responsibilities will include: - Civil Designer - AutoCAD, Civil 3D, and ArcMap/ArcGIS.	
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).			
(2022 – Ongoing)	<u>Roosevelt Blvd. Roadway Improvements – W. Metairie Ave. to W. Napoleon Ave., S.P.N. H.615120, City of Kenner, LA:</u> Ms. Wappler assisted on CADD and drafting design. Project improvements include the reconstruction of Roosevelt Boulevard from W. Napoleon Avenue to W. Metairie Avenue. Work comprises of the following: pavement removal and replacement, drainage lateral replacement, curb inlet adjustments, drainage trunkline repairs, roadway cross-slope correction, driveway replacement (to R/W), minor sidewalk adjustments (at driveways), and removal of median trees. (HEI Project No. 11-011-88)			
(2019 – 2026 est.)	<u>US 190 Sidewalk Improvements (Front St. to 14th St.) SPN H.013151, Slidell, LA:</u> Ms. Wappler assisted on CADD and drafting design. HEI is providing design services for the removal of existing curbs and sidewalks, installation of new ADA compliant sidewalks and handicap ramps along existing US 190 from US 11 (Front St.) to 14th St., new cross walk striping, and remove and replace pedestrian signals with ADA compliant pedestrian signals at the following intersections: 7th St., 9th St., LA 1091 (Robert Blvd), and 14th St. The length of this project is approximately 0.64 miles. The existing roadway is a four lane undivided concrete road with a dedicated center left turn lane with mountable curbs and sidewalks for the full length of the project. (HEI No. 12-090-11)			

Staff Experience: Urban Systems, Inc.

Firm employed by				
Name	Alison C. Michel, P.E., PTOE, PTP, RSP2i	Years of relevant experience with this employer	25	
Title	President/Transportation Engineer	Years of relevant experience with other employer(s)	3	
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineering		
Active registration number / state / expiration date		30261 / Louisiana / 03/31/2027 1023 / Louisiana / 11/06/2026- Professional Traffic Operations Engineering 626/ 11/20/2026- Professional Transportation Planner 148/ 03/20/2026 - Road Safety Professional 2i		
Year registered	2002	Discipline	Professional Engineer: Civil Engineering	
Contract role(s) / brief description of responsibilities		Professional In Charge of Traffic Engineering Tasks/ QA-QC		
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).			
28 years of experience	Ms. Catarella Michel is a leading expert in Traffic Engineering and Transportation Planning . She has a wide array of experience with transportation studies including traffic impact, safety, corridor, feasibility/Stage 0, environmental/Stage 1, multi-modal and transit facilities. She has experience in conducting warrants for turn lanes and traffic signals as well at the timing of coordinated systems and analyses. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Tru-Traffic and SIDRA. As demonstrated by the project specific experience described herein, Ms. Catarella Michel has over twenty years of experience with safety-related projects. She witnessed the evolution of safety analysis from qualitative opinions and relative comparisons into data driven, quantitative methods. Her Road Safety Professional 2i certification attests to her dedication to safety as does her continuous commitment to training Urban Systems engineers at every opportunity. She has project experience for every aspect of Traffic Engineering that will be required under this IDIQ. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping.			
04/2008-11/2013	<u>Statewide Safety Studies</u> Ms. Michel was project manager for the Statewide Safety Studies Retainer Contract. Task-orders were issued to evaluate the safety of intersections and corridors in Ascension, Lafourche, Natchitoches, Rapides, Terrebonne, Vernon Parishes and others. Ms. Michel conducted field investigations/ Road Safety Assessments in Districts 61 and 08. The studies involved collection of traffic data and a thorough review and analysis of crash reports. The resulting analysis led to either identifying the need for a feasibility study and/or the development of long- and short-term recommendations to reduce correctible crashes.			
10/2011-05/2016	<u>Increase Capacity of I-10 from Bridge to I-10/I-12 Split Stage 0 Feasibility Study and Stage 1 Environmental</u> Ms. Michel was the Principal in Charge of the Traffic Studies for this multi-faceted project to improve Interstate 10 through Baton Rouge. The project included developing and testing alternatives for operational and safety conditions. Analysis utilized VISSIM models that were prepared to meet LADOTD requirements. Mainline alternatives included an additional lane, interchange relocations, a highpass and slip ramps. The Capitol Regional Planning Commissions Travel Demand model in Transcad was utilized			

	to forecast volumes for various scenarios. Due to the length of the corridor, public meetings were held in three separate locations where Ms. Michel presented the results of the traffic analysis to the public.
01/06-06/07	<u>Increase Capacity of LA 311 (Little Bayou Black Road), Savanne Road to LA 664 (16-011 Street)</u> This traffic study for the proposed widening of LA 311 from a two-lane undivided to a four-lane divided roadway was conducted under Ms. Michel's supervision. The focus of the study was the development and analysis of alternatives to meet LADOTD EDSM requirements regarding median openings. Ms. Michel was responsible for managing staff and QA/QC for project tasks including collecting traffic data, forecasting future traffic volumes, conducting capacity analysis for roadways and intersections using Highway Capacity Software, conducting turn lane and traffic signal warrants and calculating storage lengths for turn lanes.
06/2016-02/2017	<u>LA 20 (Canal Boulevard) Widening</u> This project was initiated by the City of Thibodaux and was originally designed with traditional widening without consideration of access management. Urban Systems conducted a traffic study to determine the optimum configuration for the widened section of roadway to be in conformance with LADOTD EDSMs to improve safety. The construction documents prepared included multiple traffic signals at partial median opening intersections. The coordinated system was interconnected via GPS. Ms. Michel's responsibilities included project management and QA-QC. She also presented the benefits of the safety improvements from implementing access management at a public meeting.
07/2004-04/2006	<u>LADOTD Traffic Signal/ITS Study and Design (District 02)</u> Ms. Michel was project manager for Traffic Engineering Studies, Traffic Signal Design and Intelligent Transportation Systems (ITS) services to LADOTD District 02. Services included: Project Management / Warrant Analyses / Traffic Signal Studies and Signal Design - Systems and Individual • 701-65-0493 - Intersection Safety Study, US 61 at LA 50 (Almedia Road) St. Charles Parish • 701-65-0494 - Traffic Study, LA 49 at 33rd Street, Jefferson Parish • 701-65-0500 - Signal Study, US 61 at Evangeline Road, St. Charles Parish • 701-65-0501 - Signal Study, US 61 at East Harding Road, St. Charles Parish • 701-65-0502 - Traffic Study, LA 49 at 32nd Street, Jefferson Parish • 701-65-0616 - Traffic Studies, LA 39 Judge Perez Drive @ Palmisano Boulevard (Paris Rd.); Jean Lafitte Parkway, Rowley Boulevard, Mehle Street, St. Bernard Parish • 701-65-0618 – Signal System Design, LA 46 St. Bernard Highway @ LA 47 (Paris Road), Jean Lafitte Parkway, Rowley Boulevard, Mehle Street, & LA 47 (Paris Road) @ Genie Street, St. Bernard Parish
06/2012-03/2014	<u>LA 378 Widening and Realignment - Statewide Stage 0 Studies</u> Stage 0 Feasibility Study for LA 378 Improvements Westlake to Moss Bluff, Calcasieu Parish, LA. Ms. Michel was the Principal in Charge of the team that prepared the Traffic Study to develop and compare alternatives to improve the corridor for both operations and safety. She participated in field visits and conducted travel time runs. Traffic Assignments and Forecasting for alternatives included the use of Transcad model output. Improvements considered included access management techniques such as adding a median and driveway consolidation in line with LADOTD policies.

Firm employed by



Name	Nicole Stewart, P.E., PTOE		Years of relevant experience with this employer	20
Title	Vice President / Transportation Engineer		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization			BS / 2004 / Civil Engineering	
Active registration number / state / expiration date			30261 / Louisiana / 03/31/2027; 2923 / Louisiana / 08/14/2027- Professional Traffic Operations Engineering	
Year registered	2009	Discipline	Professional Engineer: Civil Engineering	
Contract role(s) / brief description of responsibilities			Traffic Engineer/Design Analysis and QA/QC	
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).			
26 years of experience	Ms. Stewart has extensive experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has conducted transportation studies, safety studies and traffic impact studies. Her design experience includes signal design and timing of coordinated systems, striping, signage, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TruTraffic in the timing and coordinating of traffic signals. Ms. Stewart has designed numerous Traffic Control Devices Plans to meet LADOTD and MUTCD standards. Ms. Stewart has conducted transportation studies, safety studies and traffic impact studies. Her design experience includes signal design and timing of coordinated systems, striping, signage, geometric design, pavement design, and drainage. She has experience using Highway Capacity Software (HCS), Synchro, and TruTraffic in the timing and coordinating of traffic signals.			
10/2013–06/2014	<u>US 11 Access Management and Complete Street Improvements Stage 0 Feasibility Study</u> The safety analysis of the US 11 corridor in Slidell, LA was conducted by Ms. Stewart. This included applying the Highway Safety Manual’s Crash Modification Factor’s (CMFs) to the proposed alternatives to estimate the change in crash rate that could be expected with each. Ms. Stewart also calculated the number of conflict points for each type of intersection included in the No Build and Build alternatives including all driveways and cross streets. The conflict points were presented in graphical form and the number of conflict points for the entire corridor were compared to estimate the potential safety benefits of each alternative.			
05/2018–04/2019	<u>TMP for I-10: West of 108 to I-210 Interchange: Rubblize and Overlay</u> As the lead engineer for this Traffic Management Plan, Ms. Stewart was responsible for the preparation of the safety analysis. She conducted the analysis per the guidelines set forth by LADOTD in <i>Guidelines for Crash Data Analysis</i> for this TMP in Lake Charles, LA. She conducted queue analysis to identify when lane closures would be permitted, identified the construction impact area and reviewed crash data for more than 350 collisions. Ms. Stewart identified trends and calculated crash rates and determined that the section of I-10 that was going to be rubblized had a crash rate that was higher than the statewide average and required mitigation.			
02/2015–06/2016	<u>Bridge Preventative Maintenance District 61</u> Ms. Stewart was the principal in charge for Traffic Management Plans (TMP) for bridge replacement and repairs for various			

	locations in Louisiana. This included developing various levels of TMP's based on LADOTD EDSM guidelines. Tasks included conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. For the reconstruction of the LA 1 bridge over the Intracoastal Waterway, a detailed Level 3 TMP was prepared. For this TMP, detailed work zone impact management strategies were developed to help minimize the project's impact on mobility.
12/2014-01/2017	<u>LA 447 Corridor Study and Environmental Assessment</u> Ms. Stewart was the lead engineer for the Corridor Safety Study to identify improvements to LA 447 from north of Interstate 12 (I-12) to LA 16 that was included in the Environmental Assessment. She reviewed detailed crash reports obtained from the LADOTD database for the section south of Buddy Ellis Road. She oversaw the preparation of collision diagrams and the identification of crash trends. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without potential improvements. Ms. Stewart also conducted turn lane warrants and identified where left and right turn lanes were considered.
03/2012-01/2022	<u>North Boulevard Corridor Enhancement (I-110 to Foster/Florida)</u> Ms. Stewart was the principal in charge of overseeing the data collection and the safety analysis for the traffic study to identify improvements to the North Boulevard corridor in District 61. Seven Day counts and peak hour counts were collected at key intersections. Ms. Stewart conducted peak hour observations to note existing safety concerns. The safety analysis was conducted using the LADOTD Safety Triage spreadsheet. Individual crash reports were read and reviewed for accuracy and to assist with identifying potential safety countermeasures. The second phase of this project includes upgrading the signalized intersections to include actuated pedestrian crosswalks with audible push buttons. These plans are currently in the 60% design phase.
06/2024-02/2025	<u>LA 1: Port Allen Bridge Replacement</u> Ms. Stewart was the principal in charge of the safety review for the design exception required for the construction of the LA 1 northbound bridge of the Intracoastal Waterway. She performed the final quality assurance check of the safety evaluation including reviewing the existing crash summaries and crash modification factor determination.
02/2021-ongoing (Hold)	<u>Florida Boulevard</u> Ms. Stewart oversaw the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22nd St to 1,140 feet east of N. Beck Street. She conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart conducted QA/QC of the safety study that involved the review of more than 150 crash reports. She assisted with identifying potential alternatives to improve pedestrian and bike accommodation along the US 190 corridor. The traffic Study and design of the signalization was approved.
11/2012-06/2015	<u>MacArthur Interchange Completion Phase II TMP</u> The design team was led by Ms. Stewart for the preliminary traffic signal design and the Traffic Management Plan (TMP) for proposed interchange modifications on US 90 (Westbank Expressway). Tasks for this work include conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. Ms. Stewart was responsible for the QA/QC for this stage of the project.

Firm employed by					
Name	Matthew H. Morgan, P.E., PTOE		Years of relevant experience with this employer		13
Title	Transportation Engineer		Years of relevant experience with other employer(s)		13
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering			
Active registration number / state / expiration date		47060 / Louisiana / 03/31/2027			
		5893 / 3/19/2028 – Professional Traffic Operations Engineer			
Year registered	2022	Discipline	Professional Engineer: Civil Engineering		
Contract role(s) / brief description of responsibilities		Transportation Planning / Safety Analysis			
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).				
26 years of experience	Mr. Morgan has over thirteen years of experience in Traffic Engineering and Transportation Planning, with a strong background in multimodal data collection, operational and safety analysis and corridor evaluation. His expertise includes assessing pedestrian, bicycle, and transit conditions, developing alternatives to improve mobility and safety, and supporting ADA accessibility upgrades along urban corridors. Mr. Morgan is skilled in applying HCM methodologies, preparing operational graphics, and large datasets to support decision-making. He is proficient in PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS, VISSIM, CORSIM, and Adobe Suite. Mr. Morgan uses these tools to provide accurate, data-driven support safety improvement efforts.				
09/22-03/24	<u>Greenwell Springs at Morgan Rd</u> The objective of the preliminary assessment was to evaluate the feasibility of converting the intersection of Greenwell Springs at Morgan Road, in East Baton Rouge Parish into a roundabout . Mr. Morgan coordinated to obtain the collection of 48-hour vehicular turning movement count data. Mr. Morgan reviewed the data and selected peak hours for analysis. He also used the data along with LADOTD historical traffic data to calculate D, K, and T factors and 2022/2042 ADTs for the study roadways. Mr. Morgan used SIDRA traffic analysis software to analyze the intersection as an unsignalized, signalized, and roundabout intersection. He reviewed the reported crashes from the LADOTD database near the intersection for the years 2019-2021 and developed crash rates for comparison to statewide averages.				
09/2023-ongoing	<u>I-10 NO CBD3 (Poydras-Louisa)</u> The project objective was to identify strategies to minimize traffic delays and enhance safety within the I-10 corridor through downtown New Orleans during construction activities. Mr. Morgan contributed to the preparation of the Transportation Management Plan (TMP) by leading the safety analysis. He analyzed crash data within the project impact area to establish baseline safety performance and identify potential areas of concern. In addition, Mr. Morgan assisted with the preparation of temporary traffic control plan elements to support safe and efficient traffic operations throughout the construction period.				

09/2020- 07/2021	<u>Port Allen Canal Bridge TMP</u> Mr. Morgan assisted with the preparation of the Port Allen Traffic Management Plan by leading the traffic data collection and analysis efforts. He contributed to the safety assessment by reviewing field observations, identifying areas with elevated risk of conflict, and developing recommendations to enhance safety during construction activities. His responsibilities also included collecting and reviewing traffic count data, turning movement volumes, and queue observations at key intersections throughout the project area. Mr. Morgan performed detailed queue length analyses to evaluate intersection performance and identify potential congestion and delay points under both existing and proposed conditions. In addition, he assisted in compiling data summaries and supporting materials for inclusion in the final Traffic Management Plan report.
11/2022- 11/2024	<u>Inner Harbor Navigation Canal (IHNC) Lock Replacement Traffic Study</u> Mr. Morgan was the lead Engineer for a traffic study to analyze existing and projected vehicular operational and safety conditions for the Inner Harbor Navigational Canal (IHNC) lock replacement near the St. Claude, Claiborne, and Florida Bridges. Mr. Morgan reviewed crash/safety history to identify crash characteristics, the Level of Service of Safety (LOSS) for major intersections, existing safety concerns, and high crash locations. He analyzed existing and future conditions using VISSIM microscopic traffic simulation software and compared measures of effectiveness. Mr. Morgan prepared technical reports that summarized the data collection, safety findings, and analysis results.

Staff Experience: Civil Design & Construction, Inc.

Firm employed by				
Name	Karla E. Weston, PE	Years of relevant experience with this employer	20	
Title	President	Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization		Bachelor of Science / 1999 / Civil Engineering		
Active registration number / state / expiration date		31010 / Louisiana / March 31, 2026		
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		QC/QA		
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).			
Mrs. Weston’s 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firms’ role as a sub-consultant and ensure the work is completed to LADOTD standards.				
02/16-09/19	<u>H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:</u> Mrs. Weston’s served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.			
12/13 – 10/19	<u>H.02960 Gramercy Bridge, St. James Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm’s role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project			
02/14 - 02/15	<u>H.010620 I-49 Design Build, Lafayette, LA:</u> Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.			
05/13 – 05/14	<u>H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.			
01/06 – 12/12	<u>EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:</u> Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11’ lands with a 2’ barrier curb and gutter, and a 6’ adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.			
03/12 – 07/12	<u>H.009104.5 - Sunshine Bridge Phase 2:</u> Ms. Weston served as Project Manager and Engineer for CD&C’s portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.			
05/11 – 04/12	<u>Red River – Jackson Street Bridge, Alexandria, LA:</u> Ms. Weston served as Project Manager and Engineer for CD&C’s portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.			

Firm employed by				
Name	Chris Ballard, PLS	Years of relevant experience with this employer	10	
Title	Survey Manager	Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization		BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date		5033 / Louisiana – September 30, 2026		
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities		Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.				
01/24 – On-Going	<u>H.00512 LA1 LA415 Connector:</u> Mr. Ballard serves as the Survey Manager on this roadway extension project. This project is an extension of LA415 over the Intercoastal Canal and ties back into LA 1 in Addis. It is approximately 3 miles in length. CD&C is providing the property survey and ROW Maps required for this new roadway.			
02/19-09/19	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures			
09/18-01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
09/17-09/17	<u>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.			
07/17-12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.			

04/17-07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
01/17-12/17	<u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u> In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as a Professional Licensed Surveyor on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16-11/16	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
01/16-08/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	<u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
10/15-01/16	<u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11-09/13	<u>H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u> Mr. Ballard served as a Professional Licensed Surveyor for this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
01/24 – On-Going	<u>H.00512 LA1 LA415 Connector:</u> Mr. Ballard serves as the Survey Manager on this roadway extension project. This project is an extension of LA415 over the Intercoastal Canal and ties back into LA 1 in Addis. It is approximately 3 miles in length. CD&C is providing the property survey and ROW Maps required for this new roadway.

Firm employed by														
Name		Madison Mills, PLS				Years of relevant experience with this employer				4				
Title		Survey Project Manager				Years of relevant experience with other employer(s)				4				
Degree(s) / Years / Specialization					BS / 2016 / Civil Engineering									
Active registration number / state / expiration date					PLS 5293/LA/ March 31, 2027									
Year registered		11/15/2022		Discipline		Professional Land Surveyor								
Contract role(s) / brief description of responsibilities					Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.									
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).												
12/23–05/23		H.012618 LA 347 Drainage Improvements: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.												
09/23–12/23		H.015619.5 LA 106: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.												
05/23–08/23		H.015056 - LA 685: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.												
05/23–08/23		H.015058 - LA 14 Business: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.												
02/23–12/23		H.012027.5 I-20 UPPR: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.												
08/22–02/23		4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.												
01/22–11/22		4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.												
09/21–03/22		H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.												

08/21–10/23	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u> Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
03/22–09/22	<u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</u> Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
02/21–07/22	<u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21–07/22	<u>H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
08/20-09/23	<u>Bluebonnet Blvd – Perkins to Picardy (MoveBR):</u> Mr. Mills served as an Assistant Survey PM on this Move BR project that included full topography, SUE utility coordination and Right of Way for just over 1 mile of roadway. His duties included helping manage crews, processing field data, creating punch lists, and helping compile all data for final submittal to the client as well as working on ROW mapping.
02/21 – On-Going	<u>Groom Road – LA 19 to LA 67 (MoveBR):</u> Mr. Mills serves as the Survey PM on this project including full topography and utility coordination for approximately 2.6 +/- miles of roadway. His duties included helping manage crews, processing field data, creating punch lists, and helping compile all data for final submittal to the client as well as preparing ROW mapping for the corridor. Topography and Phase 1 ROW Maps were completed in 12/22. Phase 2 ROW Maps is pending.
07/23– On-Going	<u>College Drive (MoveBR):</u> Mr. Mills serves as the Survey PM on the Move BR project. This project includes full topography and utility coordination for approximately 20 acres. Mr. Mills helped compile the final submittal to the client as well as helping in the preparation of ROW Mapping for Phase 1. Phase 1 ROW Mapping was completed in 5/25, Phase 2 is on-going.
10/23 – On-Going	<u>H.011235 I-49 South @ Verot School Rd. :</u> Mr. Mills serves as the Survey PM on this project for ROW Mapping supplement phase of this project. The project scope includes the proposed widening of US 90/I-49 South and realignment of Verot School Road. CD&C was supplemented in 2023 to begin property surveys and to continue thru Final ROW map phases. Mr. Mills has overseen all phases of the ROW maps for this project.
06/25 – On-Going	<u>H.014041 LA92 ROW:</u> Mr. Mills serves as the Survey PM on this project for ROW Mapping phase of this project. The topographic survey was performed by another firm, and in 2025 CD&C was tasked to perform all ROW mapping services from property surveys thru Final ROW Maps. Mr. Mills has overseen all phases of the ROW maps for this project.

Firm employed by						
Name	Chancey Cothren		Years of relevant experience with this employer	1.5		
Title	Land Survey Intern		Years of relevant experience with other employer(s)	2		
Degree(s) / Years / Specialization			BS / 2023 / Geomatics			
Active registration number / state / expiration date			Louisiana registered LSI.0000776. / Ex. March 31, 2026			
Year registered	2007	Discipline	Land Surveying Intern			
Contract role(s) / brief description of responsibilities			Mr. Cothren is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.			
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).					
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.					
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.					
6/23 – 8/23	<u>LA-22:</u> Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.					
8/23 – 10/23	<u>I-10 / LA-44:</u> Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.					
11/23 – 12/23	<u>Gause Blvd / EI-10 Service Road:</u> Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.					
8/22-9/22	<u>USACE: Mississippi river hydrographic survey:</u> Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.					
8/23	<u>USACE: Mississippi river revetment restoration:</u> Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.					
6/23 – 8/23	<u>LA-22:</u> Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.					

Firm employed by



Name	Bryan Bergeron	Years of relevant experience with this employer	2.5
Title	Survey Technician	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2022 / Civil Engineering		
Active registration number / state / expiration date	ATSSA Flagger / ATSAA Traffic Control Supervisor		
Year registered		Discipline	Engineering
Contract role(s) / brief description of responsibilities	Mr. Bergeron serves as a Survey Technician and will help manage field crews, process field crew data and finalize deliverables.		
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).		
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Bergeron served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Bergeron served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	<u>H.012618 LA 347 Drainage Improvements:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	<u>H.015058 - LA 14 Business:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	<u>H.015056 - LA 685:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 - 08/23	<u>H.012914 LA 3073 – Ambassador @ Verot-Bonin:</u> Mr. Bergeron is the Survey Technician for this project. Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 4,000 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped survey in the field,		

	managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 12/23	<u>H.015496 Sauvage Avenue and Caddy Drive Bridges:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 2160 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement projects. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
08/23 – 12/23	<u>H.015498 Park Road Over Lagoon:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 1040 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.
05/24 – On-Going	<u>MOVEBR Lobdell Intersection:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for just over 1030 feet of roadway. Traditional means and methods are used to collect topographic data for this Property boundary survey. He will help manage crews, process field data, create punch-lists, and help complete the final deliverables to the client. Project will be completed to MOVEBR City-Parish Standards and practices.
07/24 – On-Going	<u>MOVEBR Bayou Duplantier Boundary:</u> Mr. Bergeron is the Survey Technician for this project. Topographic Survey for 200 acres of floodplains. Traditional means and methods are used to collect topographic data for this Property boundary survey. He will help manage crews, process field data, create punch-lists, and help complete the final deliverables to the client. Project will be completed to MOVEBR City-Parish Standards and practices.

Firm employed by				
Name	Scott Benton	Years of relevant experience with this employer	9	
Title	Survey Project Manager	Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.		
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).			
12/24 – 04/25	H.014824.5 LA 317 - Wax Lake B: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R Cuts @ LA741: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015056 - LA 685: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			

10/20 – 01/21	<u>H014302 US 165 Lighting, Monroe, LA:</u> Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topo data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub & is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project, limits to a point just before the approach of the I-10 Bridge & the limits along LA 415.
03/14 – 06/14	<u>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</u> Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	<u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	<u>H.005693 LA 447, Walker, LA:</u> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.

Firm employed by



Name	Jacob Stoehr		Years of relevant experience with this employer	10
Title	Senior Survey Party Chief		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			ATSSA Traffic Control Technician, Flagger	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
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).			
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	<u>H.012027 I 20: Union Pacific RR Overpass:</u> Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.			
09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u> Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
02/23 – 12/23	<u>H.012027 I 20: Union Pacific RR Overpass:</u> Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.			



Firm employed by				
Name	Drennon Humphreys	Years of relevant experience with this employer	5	
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		
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).			
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	<u>H.012618 LA 347 Drainage Improvements:</u> Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
09/23 – 12/23	<u>H.015619.5 LA 106:</u> Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	<u>H.015056 - LA 685:</u> Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	<u>H.015058 - LA 14 Business:</u> Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	<u>H.012027.5 - I-20 UPRR:</u> Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and			

	overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:</u> Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/21 – 06/21	<u>H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:</u> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 05/21	<u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:</u> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.
02/21 – 01/22	<u>Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:</u> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.
04/21 – 12/21	<u>Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.:</u> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.
01/22 – 11/22	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:</u> Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.
01/22 – 05/22	<u>H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.

Firm employed by



Name	Alex Wells		Years of relevant experience with this employer	6
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			ATSSA Flagger, ATSSA Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
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).			
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	<u>H.012618 LA 347 Drainage Improvements:</u> Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
09/23 – 12/23	<u>H.015619.5 LA 106:</u> Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	<u>H.015058 - LA 14 Business:</u> Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	<u>H.012027.5 - I-20 UPPR:</u> Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			

09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u> Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/21 – On-Going	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u> Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
09/22 – 01/23	<u>BRMA Northwest Aviation Development:</u> Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 10/21	<u>H.013989 Greybow Rd. Palmetto Creek:</u> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	<u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/20 – 01/21	<u>H014302 US 165 Lighting, Monroe, LA:</u> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

Firm employed by



Name	Hunter Smith	Years of relevant experience with this employer	4
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	ATSSA Flagger, ATSSA Traffic Control Supervisor (Completed Jan 2025)		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.		
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).		
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	<u>H.012618 LA 347 Drainage Improvements:</u> Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	<u>H.015619.5 LA 106:</u> Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	<u>H.015056 - LA 685:</u> Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	<u>H.015058 - LA 14 Business:</u> Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u> Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:</u> Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		

Firm employed by



Name	Clarence J. Goodspeed	Years of relevant experience with this employer	4
Title	SUE Manager	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.		
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).		
12/24 – 04/25	<u>H.014824.5 LA 317 - Wax Lake B:</u> Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.		
10/24 – 01/25	<u>H.015849 US 190 R Cuts @ LA741:</u> Mr. Goodspeed performed utility coordination for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.		
03/23 – 12/23	<u>MSY Campus Wide Sewer Location:</u> Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it's sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer force mains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.		
01/24 – 03/24	<u>RN Nuccio Rd SUE:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.		
04/24 – 05/24	<u>BRMA FAA Boring:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.		
03/24 – 08/24	<u>MSY East Apron Expansion:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.		
03/24 – 05/24	<u>MSY Employee Parking:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.		

02/24 – 05/24	<u>BRMA Radar Decomp:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	<u>BRMA Taxiway F Reconstruction:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
05/23 – 06/23	<u>West Broussard @ Duhon SUE:</u> Mr. Goodspeed served as SUE Manager for the firm's SUE work on for this project. CD&C, Inc. provided SUE QL-A utility designation for approximately 2,000' of roadway. CD&C, Inc. provided all SUE reports and data.
09/22 – 01/23	<u>BRMA Northwest Aviation Development:</u> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	<u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</u> Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	<u>College Drive (MoveBR):</u> Mr. Goodspeed serves as the firm's SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
10/23 – 10/24	<u>HMGP – FEMA Groom Road Brushy Bayou:</u> Mr. Goodspeed served as the firm's SUE Manager for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QL-B.
05/23 – 06-23	<u>Burbank at Pelican Lakes:</u> Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	<u>Pride Port Hudson Road:</u> Mr. Goodspeed served as the firm's SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.

Firm employed by



Name	Tracey Smith		Years of relevant experience with this employer	3
Title	Utility Coordinator		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			N/A	
Active registration number / state / expiration date			ATSSA Traffic Control Technician & Flagger	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Smith has over 24 years’ experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.	
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).			
05/23 – 08/23	<u>H.015056 - LA 685:</u> Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	<u>H.015058 - LA 14 Business:</u> Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
03/23 – On-Going	<u>MSY Campus Wide Sewer Location:</u> Mr. Smith serves as the SUE field chief for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate its sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer force mains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.			
01/24 – 03/24	<u>RN Nuccio Rd SUE:</u> Mr. Smith served as the SUE Field Chief for the firm’s SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.			
04/24 – 05/24	<u>BRMA FAA Boring:</u> Mr. Smith served as the SUE Field Chief for the firm’s SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.			
03/24 – On-Going	<u>MSY East Apron Expansion:</u> Mr. Smith serves as the SUE Field Chief for the firm’s SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			
03/24 – 05/24	<u>MSY Employee Parking:</u> Mr. Smith served as the SUE Field Chief for the firm’s SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			





02/24 – 05/24	<u>BRMA Radar Decomp:</u> Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	<u>BRMA Taxiway F Reconstruction:</u> Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
09/22 – 01/23	<u>BRMA Northwest Aviation Development:</u> Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u> Mr. Smith served as the firm's SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	<u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</u> Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – On-Going	<u>College Drive (MoveBR):</u> Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
10/23 – On-Going	<u>HMGP – FEMA Groom Road Brushy Bayou:</u> Mr. Smith serves as the SUE Field Chief for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QLB.
05/23 – 06-23	<u>Burbank at Pelican Lakes:</u> Mr. Smith served as the SUE Field Chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.
01/23 – 07/23	<u>Pride Port Hudson Road:</u> Mr. Smith served as the SUE Field Chief for this project. Mr. Smith worked with the local utility companies. In instances where the utilities were not located, Mr. Smith assisted in securing as-built/record drawings. Mr. Smith marked those assets so that a complete topography survey could be completed.

17. Firm Experience: Hartman Engineering, Inc.

Firm name	 Hartman Engineering, Inc. Consulting Engineers		Past Performance Evaluation Discipline(s)*		Road & Traffic
Project name	Acadian Roundabout, Route LA 20 (Canal Blvd.) and Local Routes (Back St., Jackson St., Thompson Pl.) HEI Project No. 12-092-09			Firm responsibility (prime or sub?)	PRIME
Project number	SPN H.009320 F.A.P. H009320	Owner's name	LADOTD		
Project location	Lafourche Parish, LA		Owner's Project Manager	Tanya Bankston, P.E.	
Owner's address, phone, email		1201 Capital Access Road Room S-614 Baton Rouge, LA 70802 225-379-2522 Tanya.Bankston@la.gov			
Services commenced by this firm (mm/yy)		2015	Total consultant contract cost (\$1,000's)		\$ 590
Services completed by this firm (mm/yy)		2024	Cost of consultant services provided by this firm (\$1,000's)		\$ 386

PROJECT DESCRIPTION:

Design of a traditional shaped dual lane 5-legged roundabout at the intersection of LA 20 and Jackson St. in Thibodeaux, LA. The proposed roundabout shall branch from LA 20 into Canal Blvd. and Jackson St., also connecting Back St. and Thompson Pl. at the east and west approaches. Design will conformed to EDSM V1.11.6.

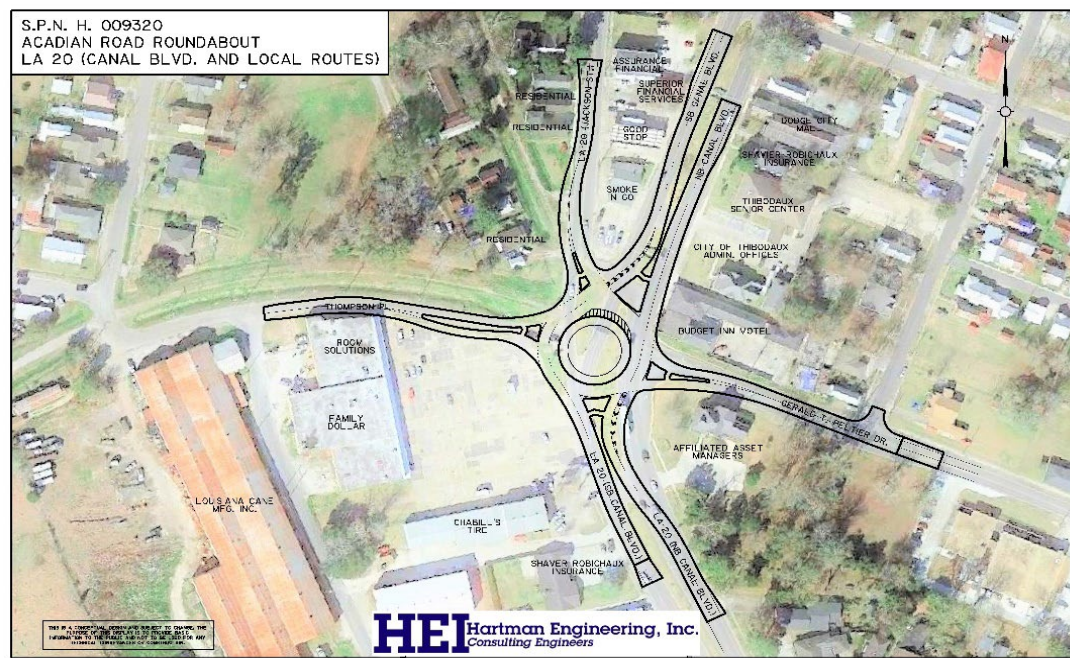
FIRM'S ROLE

Project Management, Roadway Design, and Traffic Engineering

MEMBERS INVOLVED / TO BE USED IN THIS PROPOSAL:

- Jared B. Monceaux, P.E. (Project Manager)
- Sundararaja C. Rao, P.E. (QC/QA)
- Danielle B. Connelly, P.E. (Lead Engineer)
- Tony R. Tramel, P.E., PTOE (Traffic Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CADD)

PERFORMED IN LA: 100%



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Firm name		 Hartman Engineering, Inc. Consulting Engineers		Past Performance Evaluation Discipline(s)*		Road	
Project name		Intersection Improvements (Veterans Boulevard and Bonnabel Boulevard) PWP No. 2017-028-RBPHEI HEI Project No. 11-014-95			Firm responsibility (prime or sub?)		PRIME
Project number		N/A	Owner's name		Jefferson Parish Dept. of Engineering		
Project location		Jefferson Parish, LA		Owner's Project Manager		Mark Drewes, P.E.	
Owner's address, phone, email		1221 Elmwood Park Blvd., Suite 802 504-736-6500 Jefferson, LA 70123 mdrewes@jeffparish.net					
Services commenced by this firm (mm/yy)		03/2021		Total consultant contract cost (\$1,000's)			\$ 256
Services completed by this firm (mm/yy)		2020		Cost of consultant services provided by this firm (\$1,000's)			\$ 256

PROJECT DESCRIPTION:

The project includes adding a single sweeping left turn lane from eastbound Veterans Blvd. to northbound Bonnabel Blvd., adding dual sweeping left turn lanes from westbound Veterans Blvd. to southbound Bonnabel Blvd., relocating the existing northbound Bonnabel Blvd. U-turn 125 feet to the north, and relocating the existing southbound Bonnabel Blvd. U-turn 100 feet to the south. Also, relocate the existing Veterans Boulevard U-turn on the west side of the intersection and add additional landscaping in the median of Veterans Blvd. near Aurora Avenue. A new traffic signal was designed for new turning movements and a future bike path.

FIRM'S ROLE

Project Management, Roadway, and Traffic Engineering

MEMBERS INVOLVED / TO BE USED IN THIS PROPOSAL:

- Jared B. Monceaux, P.E. (Project Manager)
- Tony R. Tramel, P.E. (Traffic Engineer)
- Danielle B. Connelly, P.E. (Project Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CAD)



PERFORMED IN LA: 100%

**BEFORE****AFTER**

Firm name	HEI Hartman Engineering, Inc. Consulting Engineers		Past Performance Evaluation Discipline(s)*	Road & Traffic
Project name	Dickory / Hickory Avenue Extension (LA 48 - Mounes), Rt LA 3154		Firm responsibility (prime or sub?)	PRIME
Project number	SPN 700-26-0234 826-44-0027	Owner's name	LADOTD	
Project location	Jefferson Parish, LA	Owner's Project Manager	Li Yang, P.E.	
Owner's address, phone, email	1201 Capital Access Road Room S-614 Baton Rouge, LA 70802	225-379-1456 Li.Yang@la.gov		
Services commenced by this firm (mm/yy)	2000	Total consultant contract cost (\$1,000's)	\$ 541	
Services completed by this firm (mm/yy)	2026 est.	Cost of consultant services provided by this firm (\$1,000's)	\$ 10,062	

PROJECT DESCRIPTION:

HEI has previously designed (up to 90% Final Plans) through LADOTD and Jefferson Parish the exact route as the advertised project (Dickory, from Hickory Ridge Lane to Jefferson Highway). HEI can provide huge cost savings to the Parish utilizing the previous Road and Drainage Designs, Surveys, and Typical Sections. Another benefit to the Parish would be an accelerated schedule, due to the previous survey and design currently at 90% completion.

Design included performing checks on vertical and horizontal alignment, hydraulic design, quantity computations, coordination between U.S. Army Corps of Engineers Pump to the River project and Entergy's Transmission Towers, and corrections to reflect current 2006 specifications and current bid items.

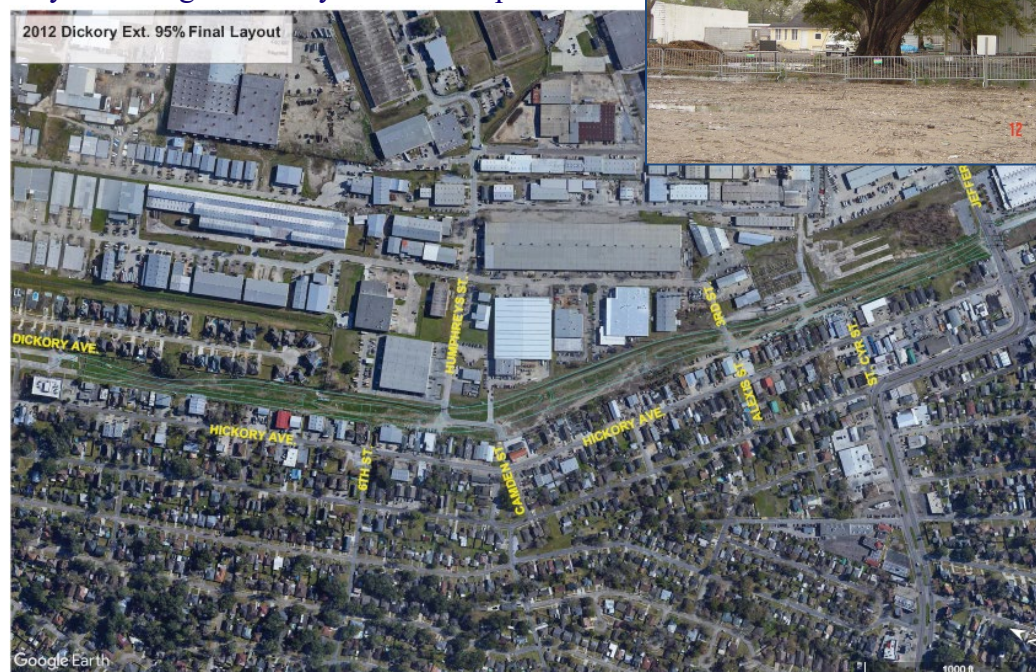
FIRM'S ROLE

Project Management, Roadway, and Traffic Engineering

MEMBERS INVOLVED / TO BE USED IN THIS PROPOSAL:

- Jared B. Monceaux, P.E. (Project Manager)
- Sundararaja C. Rao, P.E. (QC/QA)
- Danielle B. Connelly, P.E. (Lead Engineer)
- Tony R. Tramel, P.E., PTOE (Traffic Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CADD)

PERFORMED IN LA: 100%



Firm name	HEI Hartman Engineering, Inc. Consulting Engineers		Past Performance Evaluation Discipline(s)*	Road
Project name	Lapalco Blvd. Improvements, (Tanglewood to Victory Drive) HEI Project No. 11-014-53-86		Firm responsibility (prime or sub?)	PRIME
Project number	SPN H.014316 DPW No. 97-025-RB	Owner's name	Jefferson Parish Dept. of Capital Projects	
Project location	Jefferson Parish, LA		Owner's Project Manager	Gary Lehmann, P.E.
Owner's address, phone, email	1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123 (504) 736-6779 glehmann@jeffparish.net			
Services commenced by this firm (mm/yy)	2022	Total consultant contract cost (\$1,000's)		\$ 741
Services completed by this firm (mm/yy)	On Going	Cost of consultant services provided by this firm (\$1,000's)		\$ 633

PROJECT DESCRIPTION:

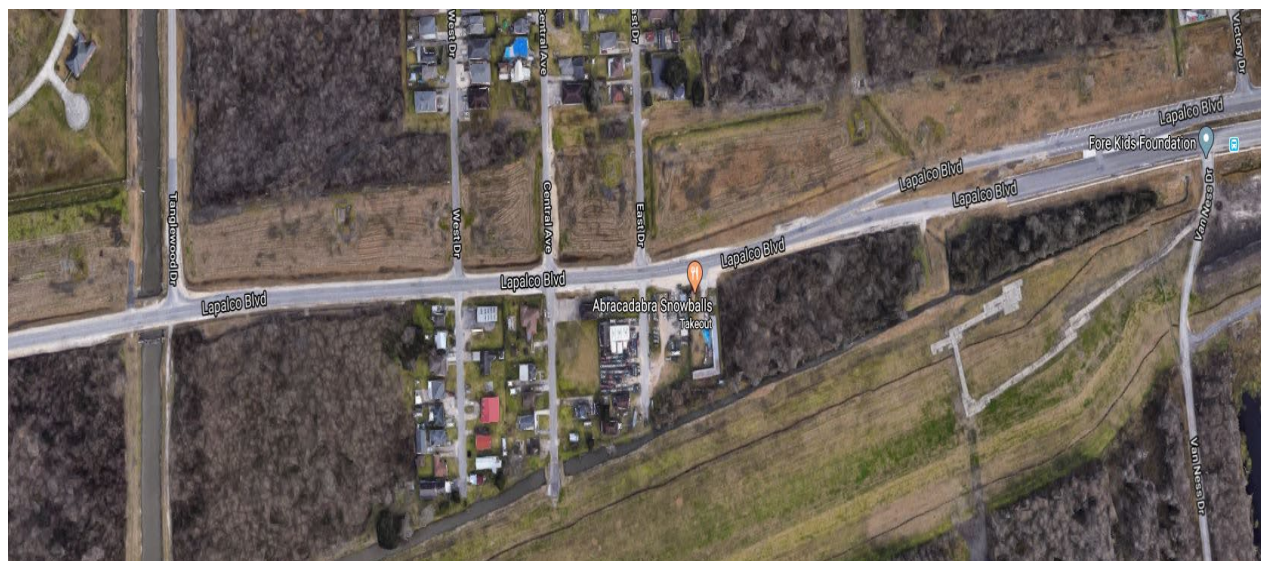
Preliminary and Final construction plans for 0.8 miles of road widening (from 4-6 lanes), drainage improvements, new signalized intersection, wetland, delineation and jurisdictional determination, public outreach and public hearings, regulatory agency coordination, permitting (404 form COE, Coastal Use from LDNR, Water Quality Certification from LDEQ), and wetland mitigation.

FIRM'S ROLE

Project Management, Environmental, Roadway, & Traffic Engineering.

MEMBERS INVOLVED / TO BE USED IN THIS PROPOSAL:

- Jared B. Monceaux, P.E. (Project Manager)
- Tony R. Tramel, P.E. (Traffic Engineer)
- Rolland A. Mura, P.E. (Environmental Engineer)
- Sundararaja C. Rao, P.E. (QC/QA)
- Danielle B. Connelly, P.E. (Lead Project Engineer)
- Connor D. Guidry, E.I. (Project Engineer)
- Stephen F. Urquhart (CADD)

PERFORMED IN LA: 100%

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Firm name	 Hartman Engineering, Inc. Consulting Engineers		Past Performance Evaluation Discipline(s)*	Road & Traffic	
Project name	I-12 to Bush Corridor, LA3241 (I-12 to LA36) HEI No. 12-092-10			Firm responsibility (prime or sub?)	Sub Consultant
Project number	SPN H.004957	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Joe Umeozulu, P.E.	
Owner's address, phone, email	1201 Capitol Access Road (225) 379-1386 Room S-614 Joachim.umeozulu@la.gov Baton Rouge, LA 70802				
Services commenced by this firm (mm/yy)	2015	Total consultant contract cost (\$1,000's)			\$ 260 est.
Services completed by this firm (mm/yy)	2024	Cost of consultant services provided by this firm (\$1,000's)			\$ 1,006 est.

PROJECT DESCRIPTION:

The project improvements include preliminary and final design of a rural arterial (RA-3) 4-lane corridor with a raised median. The corridor is primarily a control-of-access route featuring bridge and intersection design.

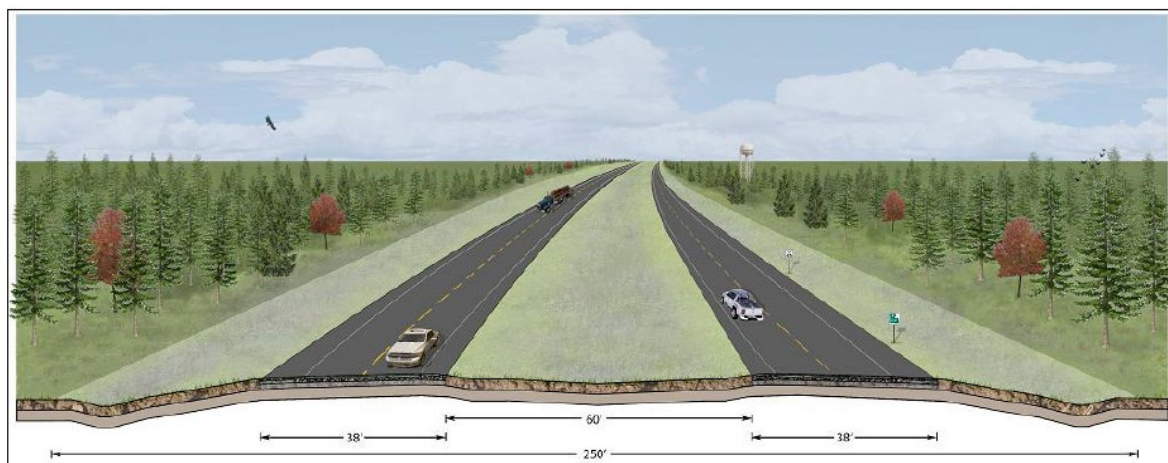
The I-12 to Bush project is part of the TIMED Program connecting LA 3241 from the LA 40/LA 41 intersections in Bush, LA to I-12 at the LA 434 Interchange. A Record of Decision (ROD) from the US Army Corps of Engineers was granted selecting Alternate Q as the preferred alignment of the new LA 3241. Alternate Q is further described as follows: The alignment ties into I -12 at the existing I -12/LA 434 Interchange (Exit 74) and proceeds northerly along LA 434 for approximately 2.5 miles then leaves the existing highway and proceeds on new alignment until it connects with an abandoned railroad corridor approximately 1.7 miles north of LA 36. Alternate Q then follows the abandoned railroad alignment north and ties into the intersection of LA 40 and LA 41.

**FIRM'S ROLE**

Roadway Design

MEMBERS INVOLVED / TO BE USED IN THIS PROPOSAL:

- Jared B. Monceaux, P.E. (Project Manager)
- Danielle B. Connelly, P.E. (Lead Engineer)
- Tony R. Tramel, P.E., PTOE (Traffic Engineer)
- Sundararaja C. Rao, P.E. (QA/QC)
- Stephen F. Urquhart (CADD)

PERFORMED IN LA: 100%

Firm Experience: Urban Systems, Inc.

Firm name			Past Performance Evaluation Discipline(s)*	Traffic
Project name	LA 447 Corridor Study		Firm responsibility (prime or sub?)	Sub
Project number	SP No. H.005734.2	Owner's name	LADOTD	
Project location	Livingston Parish, LA		Owner's Project Manager	Ryan Hoyt
Owner's address, phone, email	ryan.hoyt@la.gov			
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)		\$ N/A
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)		\$ 103K

PROJECT DESCRIPTION:

This Safety Study was the Traffic Engineering portion of a Stage 1, Environmental Assessment for improvements to LA 447 from north of Interstate 12 (I-12) to LA 16. The existing corridor included a two-lane section from I-12 to just south of Joe May Rd. Previous studies identified potential capacity improvements; therefore, the focus of the traffic study was safety. A change in the expected roadway classification, however, required a re-evaluation of the proposed three-lane section south of Buddy Ellis Road.

URBAN SYSTEM'S ROLE:

Crash reports were obtained from the LADOTD database for a three-year period (2017-2019). The crash reports were reviewed and discrepancies between the report, narrative and drawing were corrected in the LADOTD CatScan Tool. In addition to correcting crash report information, a summary of crash narratives and collision diagrams were prepared. Crash characteristics including type of collision, time of day, severity, roadway and lighting conditions were compared to statewide averages to assist in identifying trends. A combined review of the crash reports, CatScan outputs, crash narratives and collision diagrams were utilized to identify any existing safety issues along the corridor.



In addition to the existing safety analysis, three phases of the preferred alternatives were evaluated for their individual safety benefits. The phases of construction included constructing a three-lane section, constructing a roundabout and constructing a four-lane divided section. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without proposed improvements. Where alternative intersection configurations were proposed, crash modification factors were used to estimate how the number of crashes would change. The findings of the existing safety analysis and evaluation of the preferred alternative were summarized in a report.

MEMBERS INVOLVED:

Alison Michel, Nicole Stewart, Matthew Morgan

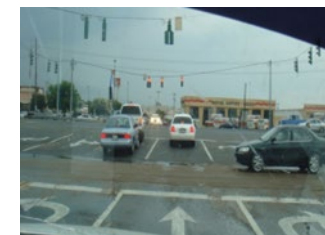
PERFORMED 100% LA

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Firm name		Past Performance Evaluation Discipline(s)*	Traffic
Project name	Retainer Contract Safety Studies Statewide		Firm responsibility (prime or sub?) Prime
Project number	SP 700-99-0402	Owner's name	LADOTD
Project location	Statewide, LA	Owner's Project Manager	April Renard, P.E.
Owner's address, phone, email	1201 Capitol Access Rd. (225)379-1919 Room 202C April.Renard@la.gov Baton Rouge, LA 70802		
Services commenced by this firm (mm/yy)	04/08	Total consultant contract cost (\$1,000's)	\$ 722.8K
Services completed by this firm (mm/yy)	10//13	Cost of consultant services provided by this firm (\$1,000's)	\$ 722.8K

PROJECT DESCRIPTION:

Field Visits to review available accident data and document conditions such as geometry, locations for count collection, speed limits, sight obstructions etc. and to determine the need for further study and investigation.

**URBAN SYSTEM'S ROLE:**

701-65-1157- **Stage 0 Study of 10 intersections on LA 431 in Ascension Parish**

LA 431 corridor was identified for potential long term improvements including conversion of the roadway into a 3-lane section.

701-65-1195 - **Speed Study on LA 1 in Mathews, LA, Lafourche Parish.**

Bi-directional speed counts on LA 1 south of the LA 364 bridge in the vicinity of 4932 LA 1

701-65-1323- **LA 3235 Corridor Safety Study, Houma, LA, Terrebonne Parish**

Collect data and perform crash analysis from LA1 to LA 24.

701-65-1322- **LA 44 Corridor Safety Study, Gonzales, LA, Ascension Parish**

Develop long and short-term recommendations for safety between LA 931 and LA 30

701-65-1537 – **LA 6 Roundabout Stage 0 Study**

Feasibility study for a roundabout at the intersection of LA 6 BUS (University Parkway) at Jefferson/Mill Street.

H.009791.1 - **Low-Cost Safety Improvements at Intersections and Curves**

Obtained and reviewed data for each of 117 Intersections and 969 Curves to prepare figures presenting low-cost safety improvements. Site specific figures were prepared illustrating the identified low-cost safety improvements for each location. This task included documenting those intersections or curves that did not require low-cost safety improvements. A preliminary cost estimate was developed for the identified improvements for each location.

**MEMBERS INVOLVED:**

Alison Michel, Nicole Stewart

PERFORMED 100% LA

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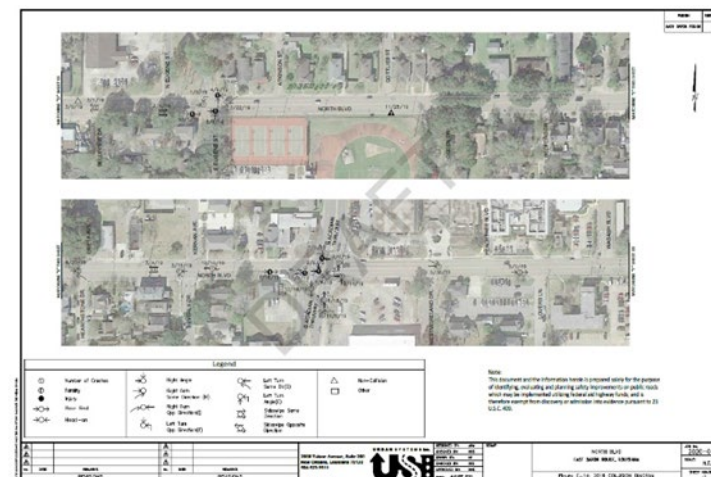
Firm name		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	North Boulevard Corridor Enhancement (I-110 to Foster/Florida)		Firm responsibility (prime or sub?)	Sub
Project number	20-EN-HC-0002	Owner's name	MovEBR / City of Baton Rouge and Parish of East Baton Rouge	
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Jolie Maberry
Owner's address, phone, email	500 Main Street (225) 765-7400 Baton Rouge, LA 70801 jolie.maberry@stantec.com			
Services commenced by this firm (mm/yy)	03/21	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)		\$ 376K

PROJECT DESCRIPTION:

This project was proposed to enhance pedestrian and bicycle mobility for users traveling along North Blvd, a main corridor that provides direct access to several schools and medical facilities, including Baton Rouge Community College and Baton Rouge General Hospital- Mid City Campus.

URBAN SYSTEM'S ROLE:

Urban Systems was tasked with conducting the data collection and the safety analysis that was incorporated into the final Traffic Study. All of the data was collected in Fall of 2021 during the COVID-19 pandemic once data collection restrictions were lifted. To confirm the validity of data, the collected data was compared to historical data. Seven-day 24-hour counts were collected at 3 locations on North Boulevard and 1 location on Foster Drive. These counts were used to identify the peak periods for additional data collection. Peak period turning movement counts with approach counts were collected simultaneously with observations to ensure that queues and unmet demand would be captured at each signalized intersection.



Urban Systems conducted a safety analysis to identify existing safety issues along the North Blvd corridor that could be considered in the development and evaluation of potential improvements. Three years of vehicular crash reports and five years of pedestrian and bicycle crash reports were reviewed. Data from the collision reports was put into the LADOTD Safety Triage spreadsheet and the Safety Performance Function (SPF) was used to evaluate each roadway segment and intersection. Collision diagrams were prepared, and crash trends were identified to assist with the development of safety countermeasures. Traffic signal upgrades with pedestrian actuation, hybrid beacons for midblock crosswalks and mast arm mounted school zone flashers is currently in the final design phase .

MEMBERS INVOLVED:

Nicole Stewart, Connor Crow, Alison Catarella Michel, Matthew Morgan



PERFORMED 100% LA

Firm Experience: Civil Design & Construction, Inc.

Firm name			Past Performance Evaluation Discipline(s)*	Survey
Project name	US 190 R Cuts @ LA741		Firm responsibility (prime or sub?)	Sub
Project number	H.015849	Owner's name	LADOTD	
Project location	St. Landry Parish, Port Barre, LA		Owner's Project Manager	Adam Fields (Stanley Consultants)
Owner's address, phone, email	700 Main Street Baton Rouge, LA 70802		225-387-2422 FieldsAdam@stanleygroup.com	
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)		\$ N/A
Services completed by this firm (mm/yy)	01/25	Cost of consultant services provided by this firm (\$1,000's)		\$ 92

PROJECT DESCRIPTION:

CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1700 feet west of the intersection of the US 190 and La 741. The survey then proceeded West along US 190. In addition, the survey was 10 feet north of the right of way line of US 190 to the toe of the Union Pacific Railroad. The survey then extended north along La 741 for 200 feet, then south from centerlines to a distance of 180 feet.

CD&C's ROLE:

The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.



MEMBERS INVOLVED: CD&C employees involved in the project included: Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

PERFORMED IN LA: 100%

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Firm name		Past Performance Evaluation Discipline(s)*		Survey	
Project name	LA 317 - Wax Lake B			Firm responsibility (prime or sub?)	Sub
Project number	H.014824.5	Owner's name	LADOTD		
Project location	St. Mary Parish		Owner's Project Manager	Adam Fields (Stanley Consultants)	
Owner's address, phone, email	700 Main Street Baton Rouge, LA 70802 225-387-2422 FieldsAdam@stanleygroup.com				
Services commenced by this firm (mm/yy)	12/24	Total consultant contract cost (\$1,000's)			\$ N/A
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)			\$ 162

PROJECT DESCRIPTION:

CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1.60 miles south of the intersection of La 317 and US 90. The survey continued along US 90 for 2.3 miles north of the intersection of La 182. The width of the survey was five feet behind the right of way to the apparent right of way of all crossing streams, canals, and 500 feet from any drainage structure.

**CD&C'S ROLE:**

The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.

MEMBERS INVOLVED: CD&C employees involved in the project included Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

PERFORMED IN LA: 100%

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Firm name		Past Performance Evaluation Discipline(s)*		Survey	
Project name	Verot School Road			Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	LADOTD		
Project location	Lafayette, LA		Owner's Project Manager	Thomas Gattle (Huval & Assoc.)	
Owner's address, phone, email	922 W. Point Des Mouton Rd. Lafayette, LA 70507		337-234-3798 tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost (\$1,000's)			\$ N/A
Services completed by this firm (mm/yy)	On-Going	Cost of consultant services provided by this firm (\$1,000's)			\$ 435

PROJECT DESCRIPTION:

This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

**CD&C'S ROLE:**

CD&C performed a complete topographic survey of the project site by using **3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits.** Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. **CD&C also researched and compiled an existing right of way linework for the prime consultant to use for exhibits for the project and is tasked to complete Final ROW Maps.** In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

MEMBERS INVOLVED: Karla Weston, PE; Christopher Ballard, PLS Survey PM; Madison Mills, PLS, Surveyor; Jacob Stoeher, Party Chief; Scott Benton, 3D Scan Technician

PERFORMED 100% LA

18. Approach and Methodology:

THE SCOPE OF WORK

Hartman Engineering acknowledges and understands the Scope of Services outlined by DOTD for the Design Services for Safety Projects in Districts 02, 61, and 62. Including services such as span feasibility studies, traffic analysis, environmental permitting, surveying, right-of-way mapping, and the preparation of preliminary and final construction plans for pedestrian, roadway safety, and traffic control improvement projects. We recognize the critical nature of this project for safety projects in the named districts and are committed to providing the resources, technical expertise, and collaborative management necessary for all task orders.

HEI's team has project managers, staff, and the resources to take on these IDIQ Design Services for Safety Projects, as well as prepared to efficiently execute multiple TOs with a focus on quality, coordination, and timely delivery.

HEI's DESIGN APPROACH & METHODOLOGY:

As Prime Consultant, Hartman will deliver comprehensive roadway design, project management, and plan development services. Hartman brings the depth of experience and proven project management needed to coordinate all aspects of this effort while leveraging the specialized expertise of our trusted subconsultants: GEC for bridge design, CD&C for surveying, and APS for geotechnical engineering services.

Project Management and Coordination – Hartman Engineering, Inc.

Upon receipt of each Task Order, HEI will initiate a kickoff meeting with LADOTD and relevant stakeholders to:

- Confirm scope, schedule, and deliverables
- Establish communication protocols and reporting structure
- Identify project constraints, risks, and critical milestones

We will compile and review all available data, including existing plans, traffic data, utility information, and prior studies to support efficient project development.

Traffic Engineering – Urban Systems, Inc.

USI will lead all traffic engineering tasks.

- Conduct traffic counts, speed studies, and pedestrian analyses
- Perform signal warrant and safety evaluations
- Develop conceptual traffic control solutions (signals, signage, striping, etc.)
- Prepare technical reports and recommendations

This collaborative effort ensures that safety improvements are data-driven and aligned with DOTD expectations.

Environmental and Permitting – Hartman Engineering, Inc.

HEI will coordinate all environmental and permitting efforts, including:

- Preparation of permit plans and supporting documentation
- Coordination with agencies for Coastal Use Permits, USACE permits, and railroad clearances
- Development of permit applications for submission by LADOTD or local agencies

Surveying and Right of Way Mapping – CD&C, Inc.

Surveying and right-of-way services will be performed by **CD&C**, in full compliance with LADOTD's Location and Survey Manual. Services will include:

- Topographic surveys with established horizontal and vertical control
- Property surveys and title research coordination
- Development of Base Right-of-Way Maps (60% review stage)
- Preparation of Final Right-of-Way Maps, including parcel boundaries, acquisition areas, and COGO data

CD&C's experience provides accurate data collection and efficient progress through DOTD review milestones.

Roadway Design – Hartman Engineering, Inc.

Hartman will transform the traffic study findings into roadway design solutions. This includes developing pavement design, drainage improvements, pedestrian and bicycle accommodation, and maintenance-of-traffic (MOT) plans. Our extensive experience in roadway improvements ensures the final solution improves safety, and mobility while remaining cost effective and constructible.

Plan Development and Deliverables

HEI will develop Preliminary Plans in accordance with LADOTD design manuals and AASHTO standards. This phase includes:

- Data collection and site investigations
- Preparation of roadway, drainage, and traffic control concepts
- Integration of survey and right-of-way data
- Development of preliminary quantities and cost estimates

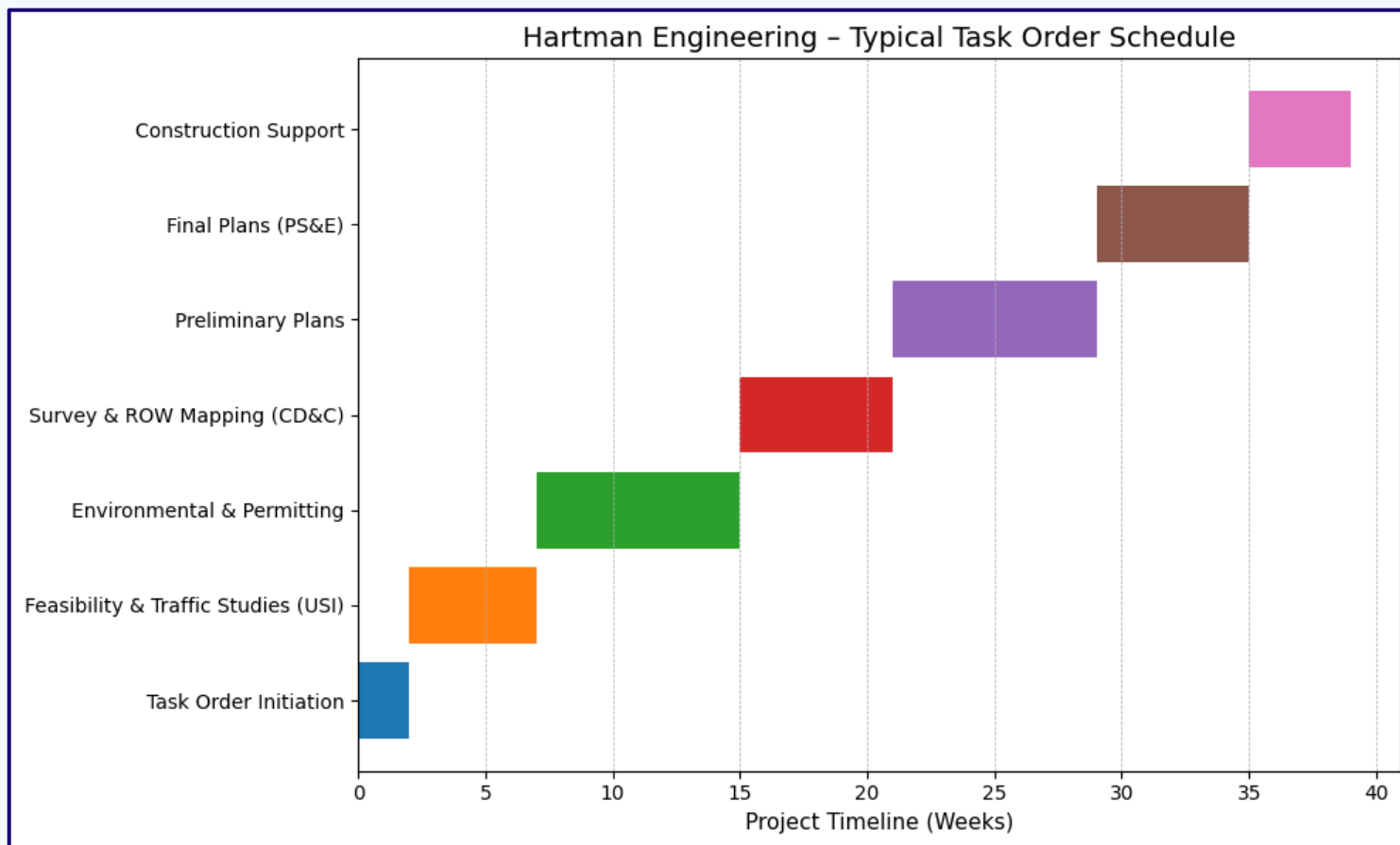
Construction Support

Our commitment to the project extends into construction. Hartman will provide timely responses to contractor Requests for Information (RFIs), review shop drawings, and offer construction-phase engineering support. Hartman will help with a smooth project delivery and safeguard against costly delays or misinterpretations.

Hartman Engineering offers proven leadership, technical expertise, and DOTD project experience necessary to deliver this IDIQ successfully. With Urban Systems driving traffic analysis, Hartman leading roadway design, CD&C ensuring accurate surveys and right of way mapping, our team represents a fully integrated partnership. Together, we are committed to delivering a safe, efficient, and constructible design that enhances mobility, improves safety, and benefits Districts 02, 61, and 62 communities for years to come.

GENERAL HEI PROPOSED PROJECT SCHEDULE

The proposed project schedule will be structured to provide a timely completion of all deliverables in alignment with LADOTD's requirements. Below is a typical timeline for each phase of a Task Order under the contract:



****Construction Support Services to be provided as needed throughout Construction**

Each Task Order's specific timeline will be tailored based on project complexity, LADOTD priorities, and required approvals, ensuring that deliverables are met efficiently and effectively. Our projected schedule leaves room for two months of flexibility.

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Hartman Engineering, Inc.	N/A	N/A	N/A	N/A
Urban Systems, Inc	Traffic	No. H011221.5, H.011222.5; No.4400022581	I-10: N.O. CBD3 (Poydras- Louisa) & I-10:N.O CBD4 (Louisa – I-510)	\$20,482
Urban Systems, Inc	Traffic	No.4400024185, No.H.016046.5	US 190: Atchafalaya R @ K'Sprngs Repairs	\$5,946
Urban Systems, Inc	Traffic	No.4400026585, No. H.006226.5	Pointe-a-La-Hache Ferry Landing Replacement	\$5,000
Civil Design & Construction, Inc.	Survey	No.4400027093, H.014041	LA 92 ROW Maps	\$5,028
Civil Design & Construction, Inc.	Survey	No.44-29196, H.016255.5	LA 1: WGS Riverplex RR Overp	\$270,967
Civil Design & Construction, Inc.	Survey	No.44-27181, H.015918.5	Downtown Winnfield Sidewalks	\$7,288
Civil Design & Construction, Inc.	Survey	No.44-31651, H.016390.5	LA 16: Road Diet	\$62,647

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

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

Certificate of Completion

presented to

Tony Tramel

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2

Poly J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor



Certificate of Completion

presented to

Tony Tramel

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Poly J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor



Certificate of Completion

presented to

Tony Tramel

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 15, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Poly J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor



National Highway Institute Certificate of Training



Jared Monceaux

has participated in

**FHWA-NHI-142005 NEPA and the
Transportation Decision-making Process**

hosted by

LA DOTD/LTRC

Date: April 5-7, 2016
Location: Baton Rouge, LA

Hours of Instruction: 18

ICDP
Instructor

William H. Landry
Local Coordinator

Donna Skinner
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



Jared Monceaux
has attended
Louisiana Traffic Control Supervisor

Completed: 22-FEB-2024

CEU (If Applicable): 1.5

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

This certificate provides proof of training, not certification.



American Traffic Safety Services Association
ATSSA.com



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: June 4, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDH): Awarded: 4

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: June 11, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDH): Awarded: 4

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: September 10, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDH): Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 14, 2019

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDH): Awarded: 2

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 14, 2019

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDH): Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 15, 2019

Location: Baton Rouge, Louisiana

Professional Development

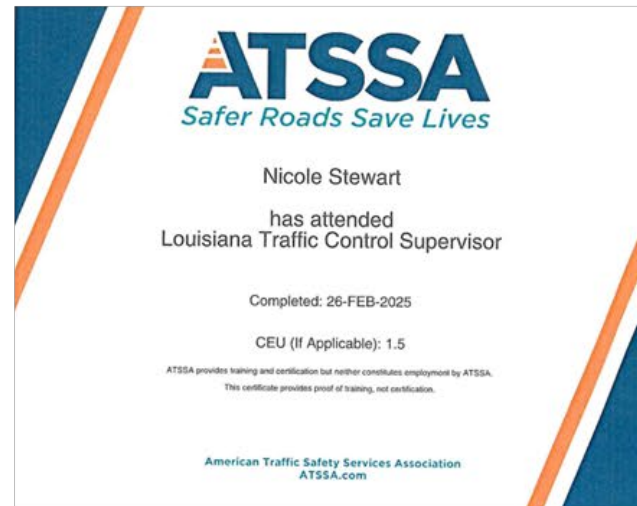
Hours (PDH): Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor







Christopher Ballard
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

CEU (If Applicable): 0.75

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This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Madison Mills
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brad Jacobs
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

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



American Traffic Safety Services Association ATSSA.com



Jacob Stoehr
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Drennon Humphreys
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alexander Wells
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

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



American Traffic Safety Services Association ATSSA.com



Hunter Smith
has attended
Louisiana Traffic Control Supervisor

Completed: 09-JAN-2025

CEU (If Applicable): 1.5

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This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Clarence Goodspeed
has attended
Traffic Control Technician-LA State Specific
Training Course

4/26/2022 to 4/26/2026
Training Valid Through

Langston
Director of Training

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Tracey Smith
has attended
Traffic Control Technician-LA State Specific
Training Course

8/2/2022 to 8/2/2026
Training Valid Through

Langston
Director of Training

Sharon T. Fisher
President, CEO

Baton Rouge, LA
Location

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



American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 2/29/2024 Instructor Name Debbie Purcella
Exp. Date 2/29/2028 State Issued LA
Instructor Signature Debbie Purcella

V0000287042 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 8/1/2023 Instructor Name Debbie Purcella
Exp. Date 8/1/2027 State Issued LA
Instructor Signature Debbie Purcella

V0000201560 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

SCOTT BENTON

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 2/2/2024 Instructor Name Debbie Purcella
Exp. Date 2/2/2028 State Issued LA
Instructor Signature Debbie Purcella

V0000258961 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

JAKE STOEHR

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 6/2/2025 Instructor Name Debbie Purcella
Exp. Date 6/2/2029 State Issued LA
Instructor Signature Debbie Purcella

V0000390065 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

DRENNON HUMPHREYS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 6/2/2025 Instructor Name Debbie Purcella
Exp. Date 6/2/2029 State Issued LA
Instructor Signature Debbie Purcella

V0000390097 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

ALEXANDER WELLS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 1/29/2024 Instructor Name Debbie Purcella
Exp. Date 1/29/2028 State Issued LA
Instructor Signature Debbie Purcella

V0000262405 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

CJ Goodspeed

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 3/23/2022 Instructor Name ATSSA
Exp. Date 3/22/2026 State Issued LA
Instructor Signature Langston Smith

A1000054514 Verify at Flagger.com

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

TRACEY SMITH

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 4/24/2025 Instructor Name Debbie Purcella
Exp. Date 4/24/2029 State Issued LA
Instructor Signature Debbie Purcella

V0000307728 Verify at Flagger.com



Scott Benton
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 23-FEB-2024

CEU (If Applicable): 0.75

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American Traffic Safety Services Association
ATSSA.com



Chancey Cothren
has attended
Louisiana Traffic Control Supervisor

Completed: 22-AUG-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

**TEMPORARY CERTIFICATE IS AWARDED TO
CHANCEY COTHREN**

Has successfully completed a flagger training course meeting the
requirement of the

**LOUISIANA DEPARTMENT OF TRANSPORTATION &
DEVELOPMENT**

on the following date

JUL 26, 2024

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

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Enter the code to verify this certificate is an original at

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LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2025 to March 2026

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Louisiana Secretary of State Status

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HARTMAN ENGINEERING, INC.	Business Corporation	KENNER	Active

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Name	Type	City	Status
URBAN SYSTEMS ASSOCIATES, INC.	Business Corporation	NEW ORLEANS	Active

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Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

21. QA/QC Plan:

N/A	
-----	--

22. Sub-consultant information:

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
<u>Urban Systems, Inc</u> 	2000 Tulane Ave, Suite 200 New Orleans, LA 70112	Alison C. Michel, P.E., PTOE, PTP, RSP amichel@urbansystems.com	(504) 569 - 3958
<u>Civil Design & Construction, Inc.</u> 	P.O. Box 857 Port Allen, LA 70767	Karla E. Weston, P.E. Kweston@cdcbr.com	(225) 765-1803

23. Location:

N/A