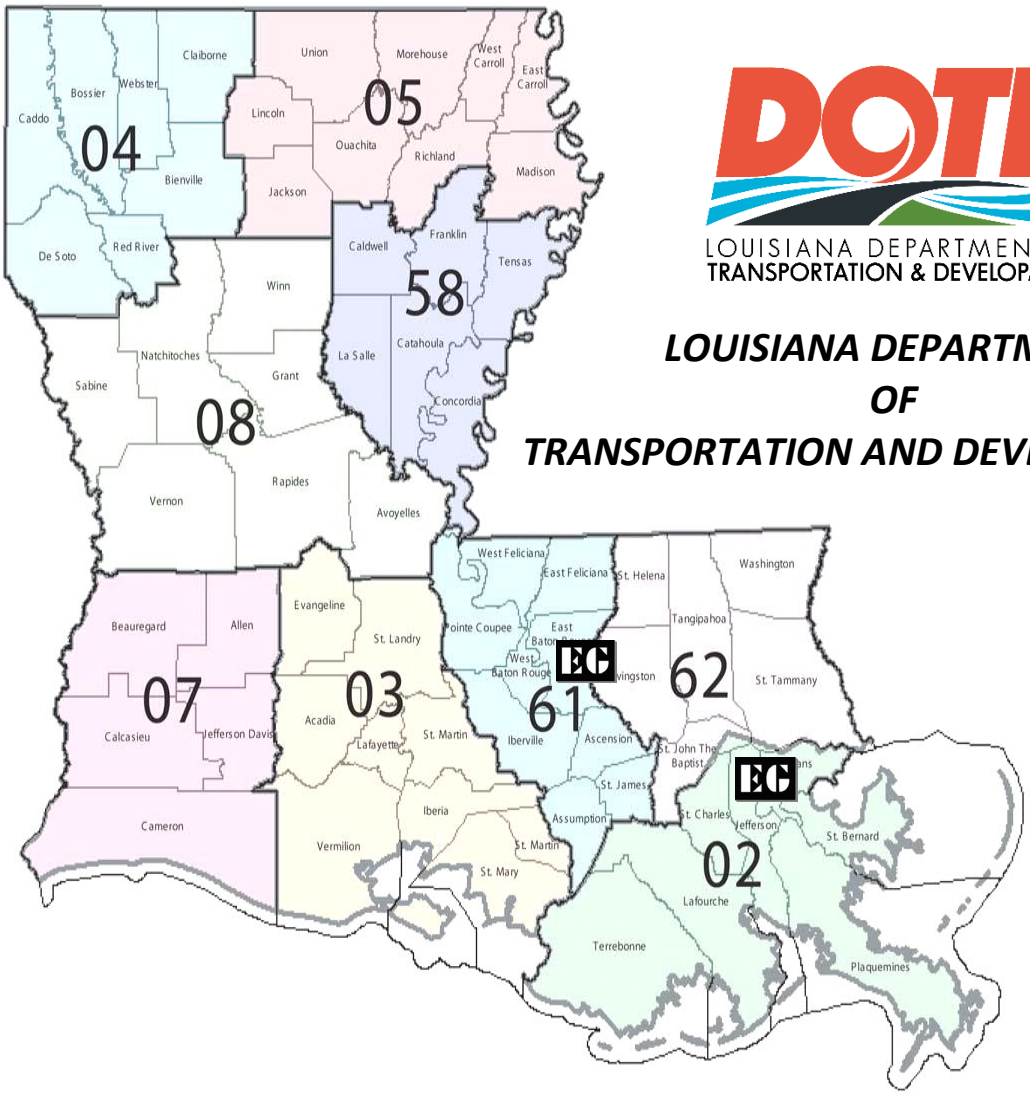


LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

CONTRACT FOR LA 447 CORRIDOR

Contract No. 4400024641
State Project No. H.005734
F.A.P. No. H005734

EVANS-GRAVES ENGINEERS, INC.

9029 Jefferson Highway, Suite 200
Baton Rouge, LA 70809

in association with

Michael Baker INTERNATIONAL

C&C INCORPORATED

July 19, 2022

EVANS-GRAVES ENGINEERS, INC.
Engineering Consultants
Est. 1954

John A. Graves, P.E., P.L.S. *(1941-2021)*
Ashlyn A. Graves
Gerald G. Menard, P.E.
L.R. "Eric" Erikson, P.E.
P. Stephen Lundgren, Jr., P.E.
Jack Carr Morgan, P.E., P.L.S.
Max O. Usrey, III, P.E., P.L.S.
Keith M. Meyer, P.E.

Lisa A. Blanchard, P.E.
Brett D. Blanchard, P.E., L.S.I.
Stephen E. Wilson, Jr., P.E.
Robert H. Brooks, III, P.L.S.
Kevin D. Norman, P.L.A.
Logan P. Betzer, E.I.
Alexander J. Young, E.I.
Zachary P. Hebert, E.I.

July 19, 2022

Department of Transportation and Development
Procurement Office
1201 Capital Access Road, Room EW S-447
Baton Rouge, Louisiana 70802

Re: Contract for LA 447 Corridor
Contract No. 4400024641

To Whom it May Concern:

Evans-Graves Engineers, Inc. (EG) is pleased to submit our Letter of Interest and Standard Form 24-102 in response to your solicitation of June 23, 2022 requesting engineering and related services to design roadway improvements along LA 447 between I-12 East Ramps and Joe May Road in Livingston Parish (Contract No. 4400024641). Evans-Graves has successfully performed designs for roadway widenings, intersection improvements, roundabouts, and bridge replacements under previous contracts, including the recent design and construction of a roundabout along Buddy Ellis Road under a separate LADOTD retainer contract for roadway engineering services. Based on our familiarity with the area and existing relationships with both Livingston Parish and LADOTD staff, we believe that Evans-Graves is uniquely qualified to perform this work.

Within this submittal of qualifications, you will see that the Evans-Graves team's key personnel exceed the minimum manpower requirements and have recent and relevant LADOTD and similar experience to successfully complete all scope of services items on time and within budget. Many of the firm's largest projects are in their final stages, providing the firm with significant capacity to swiftly complete any assigned tasks under this contract without sacrificing attention to detail or quality. Notable firm and key personnel experience on similar projects demonstrates that the Evans-Graves team is well qualified for this work.

Evans-Graves Engineers, Inc. hereby commits its total resources and 68 years of experience to LADOTD. I pledge to you my personal commitment that our team can and will respond to the requirements of this assignment to provide you with a successful project. We believe we have earned your confidence and enjoy a professional relationship with LADOTD staff while completing our technical responsibilities with the highest quality standards attainable.

We appreciate the opportunity to respond to the LADOTD and look forward to working with you to accomplish the agency's goals for this important project for the Livingston Parish area. Thank you for your consideration.

Sincerely,
EVANS-GRAVES ENGINEERS, INC.

Ashlyn A. Graves
President

9029 Jefferson Highway, Suite 200
Baton Rouge, Louisiana 70809
Telephone: 225/926-1620 Fax: 225/928-9375

909 Poydras Street, Suite 3050
New Orleans, Louisiana 70112
Telephone: 504/836-8190 Fax: 504/836-8199

DOTD FORM: 24-102

(Revised March 1, 2022)

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.

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

1. Contract title as shown in the advertisement	**CONTRACT FOR LA 447 CORRIDOR**
2. Contract number(s) as shown in the advertisement	4400024641
3. State Project Number(s), if shown in the advertisement	H.005734
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	EVANS-GRAVES ENGINEERS, 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)	LA Licensed Professional Engineers – EF.0000300 LA Land Surveying Board – VF.0000050
6. Prime consultant mailing address	9029 Jefferson Hwy., Ste. 200 Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	9029 Jefferson Hwy., Ste. 200 Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ashlyn A. Graves President (225) 926-1620 agraves@evans-graves.com

9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ashlyn A. Graves President (225) 926-1620 agraves@evans-graves.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.	Signature (shall be the same person as #9):  Date: 7/19/2022
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): — Firm(s)' %: Civil Design & Construction, Inc. — 6.25%

12. **Past Performance Evaluation Discipline Table:**

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)					
Evaluation Discipline(s)	% of Overall Contract	**EVANS-GRAVES ENGINEERS**	MICHAEL BAKER INTERNATIONAL	CIVIL DESIGN & CONSTRUCTION ***DBE***	Each Discipline must total to 100%
Road	85%	95%	0%	5%	100%
Survey	3%	100%	0%	0%	100%
Bridge	10%	0%	100%	0%	100%
Other	2%	0%	0%	100%	100%
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	83.75%	10%	6.25%	

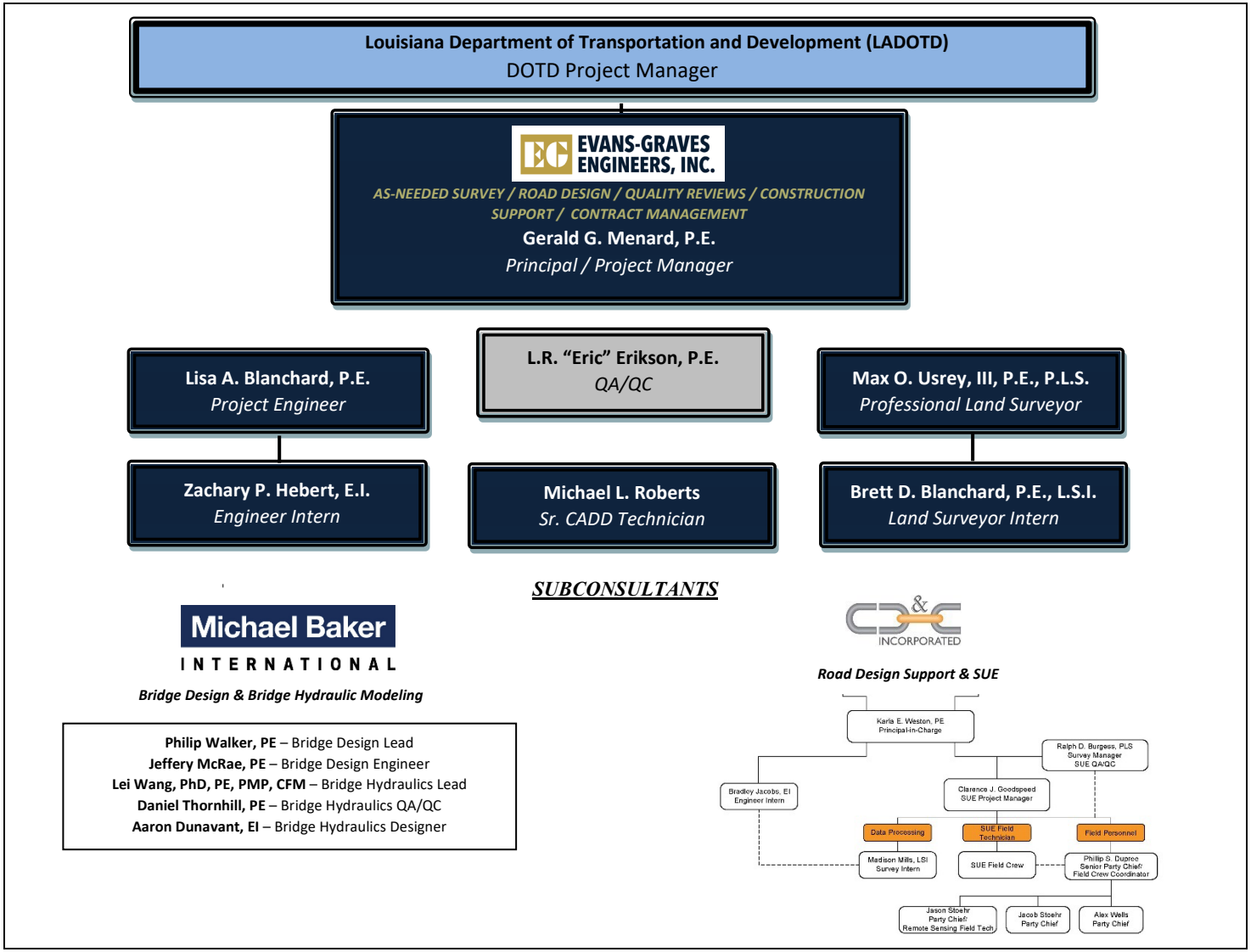
EVANS-GRAVES ENGINEERS, INC.

13. **Firm Size:**

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Evans-Graves Engineers, Inc.	Principal	1	1
Evans-Graves Engineers, Inc.	Engineer	2	8
Evans-Graves Engineers, Inc.	Engineer Intern	1	3
Evans-Graves Engineers, Inc.	Environmental Manager	0	2
Evans-Graves Engineers, Inc.	Surveyor	1	2
Evans-Graves Engineers, Inc.	CADD Technician	1	1
Evans-Graves Engineers, Inc.	CADD-Operator	1	4
Evans-Graves Engineers, Inc.	Party Chief	1	2
Evans-Graves Engineers, Inc.	Rodman	1	3
Michael Baker International	Administrative	1	2
Michael Baker International	Engineer	2	5
Michael Baker International	Engineer Intern	1	4
Michael Baker International	Engineer - Other	1	7
Michael Baker International	Principal	1	3
Michael Baker International	Senior Technician	1	4
Michael Baker International	Supervisor – Eng	1	2
Michael Baker International	Supervisor – Other	1	3
Michael Baker International	Technician	1	5
Civil Design & Construction, Inc.	Supervisor Engineer	1	1
Civil Design & Construction, Inc.	Engineer Intern	1	1
Civil Design & Construction, Inc.	Surveyor	1	2
Civil Design & Construction, Inc.	Party Chief	1	5
Civil Design & Construction, Inc.	Instrument Man	1	3
Civil Design & Construction, Inc.	Rodman	1	2

Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	1	5
Civil Design & Construction, Inc.	Supervisor - Other	1	1

14. **Organizational Chart**:



Prime consultant name:

EVANS-GRAVES ENGINEERS, INC.

15. **Minimum Personnel Requirements:**

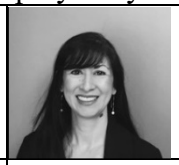
MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Gerald G. Menard, PE	Evans-Graves Engineers, Inc.	PE / 20437	LA	3/31/2023
2	Gerald G. Menard, PE Lisa A. Blanchard, PE	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE / 20437 PE / 32916	LA LA	3/31/2023 3/31/2023
3	Gerald G. Menard, PE Lisa A. Blanchard, PE	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE / 20437 PE / 32916	LA LA	3/31/2023 3/31/2023
4	Philip Walker, PE Jeffrey McRae, PE	Michael Baker International Michael Baker International	PE / 46394 PE / 34554	LA LA	9/30/2022 9/30/2023

16. **Staff Experience:**

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Gerald G. Menard, P.E.**		Years of relevant experience with this employer	32
Title	Principal / Chief Transportation Engineer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 1978 / Civil Engineering	
Active registration number / state / expiration date			PE.0020437 / Louisiana / 3/31/2023	
Year registered	1983	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Management / Contract Management	

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 time specified in the applicable MPR(s).
06/14 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)** Project manager and lead design engineer for the LADOTD's I-12 to Bush roadway project. Mr. Menard has performed **design oversight** and **QC checking** for **typical roadway sections** including **roadway** and **intersection horizontal geometry** and **vertical profile** with super elevation details, including **five (5) roundabouts** to be constructed on an existing roadway involving **complex construction phasing considerations**. The project consists of approximately 6 miles of roadway. The first 2.5 miles of the project involves **widening** the roadway from **two lanes to four lanes** along the existing alignment of LA 434. The remaining 3.5 miles of the project consists of designing a four-lane divided roadway on a new alignment.
04/09 - Present	**LA 302: Bayou Barataria Bridge Replacement, Jefferson Parish, LA (LADOTD)** Mr. Menard is Project Manager for the **replacement** of the existing low-level swing span bridge on LA 302 over Bayou Barataria at Jean Lafitte. This project consists for four phases. In the first phase, EG performed an **Economic Benefit Study** for the purpose of pursuing an alternative funding source (Truman Hobbs Funds) for the project. The second phase was performed concurrent with the first and consisted of the **topographic survey**, **design** and preparation of **Preliminary Plans** and preparation of **right-of-way maps** for the **road** and **bridge (approach spans).** The third phase consists of the **final design** and preparation of **plans** for **road** and **bridge (approach spans).** The fourth phase will be for **construction related services**.
01/13 – Present	**LA 52 Complete Streets Improvements, St. Charles Parish, LA** As Project Manager, Mr. Menard is responsible for the performance of **preliminary** and **final design** as part of

	the redesign of LA 52 using LADOTD's **Complete Streets** approach for associated drainage improvements, landscaping, and construction of a multi-use pathway and ADA-compliant pedestrian sidewalk. Project involves engineering and design and all related supplemental services for drainage improvements and Complete Streets services along LA 52. This project was partially grant funded and is being designed in accordance with FHWA design standards.
05/13 - Present	**Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA** Mr. Menard serves as Project Manager for an **urban roadway** project that will connect Perkins Road (LA 427) to Mall of Louisiana Boulevard/I-10 Interchange, and is intended to **relieve traffic congestion** on Bluebonnet Blvd. Mr. Menard is overseeing the design of the **four-lane curb-and-gutter project**, which has included a **design study** and the preparation of **preliminary** and **final plans**. Additional project features include a raised median, sidewalks, a new bridge crossing at Dawson Creek, and an underpass at the Kansas City Southern (KCS) railroad. Project consists of approximately **1 mile of roadway**, 3 roadway bridges, a railroad underpass, a stormwater pumping station, retaining walls, and a railroad bridge.
07/17 – Present	**Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA** Mr. Menard serves as project manager and lead design engineer. Services performed by Mr. Menard have included **oversight** of **survey personnel**, preparation of **preliminary** and **final roadway plans** and **specifications** for **mill** and **overlay** design, development of right-of-way maps, and **construction engineering** and **inspection**.
06/02 - 10/21	**South Choctaw Drive Widening and Intersection Improvements (Flannery Road to Central Thruway), Baton Rouge, LA** Project Manager for Phase I and project engineer for Phase II to produce construction plans for a **2 lane roadway widened** to **4 lanes** with **intersection improvements.** Tasks completed by Mr. Menard include **alignment** and **turn lanes geometry**, **grading** & **geometric layouts**, and **quantity calculations**. Additional funding to complete Phase II of the project was received in 2020 and the project was completed in 2021.
05/14 – 03/18	**4400004357: Retainer Contract for Traffic Engineering Management Roadway Projects Statewide (LADOTD)** Mr. Menard served as the **supervising engineer** for **3 task orders** for this **retainer contract**. Projects included a **single lane rural roundabout** in Terrebonne Parish, an urban **two-lane roundabout** in **Livingston Parish**, and a **"road diet"** conversion of a 6 lane urban arterial into a **Superstreet** by elimination of full access median openings (i.e., crossovers) and replacing with directional left turns and U-turns on the arterial. The Superstreet converted approximately three (3) miles of an existing six (6) lane urban arterial on US 190 in St. Tammany Parish.

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Lisa A. Blanchard, P.E.**		Years of relevant experience with this employer	17
Title	Transportation Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			BS / 2002 / Civil Engineering	
Active registration number / state / expiration date			PE.0032916 / Louisiana / 3/31/2023	
Year registered	2007	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Engineer	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/14 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)** Design Engineer for **preliminary plans** of approximately **six miles** of **urban** and **rural roadway** on an **existing** and **new alignment**. Provided **typical roadway sections** including details for **pavement structure (designed by LADOTD)** to comply with designated Roadway Classifications and **mill** and **overlay**. Established **roadway** and **intersection horizontal geometry** and **vertical profile** including super elevation details. Design Engineer for **five (5) roundabouts** to be constructed on an **existing roadway** and involving complex construction phasing considerations. Performed **drainage design** using the LADOTD HYDR software including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drains. Developed **roadway templates** using MicroStation InRoads to create cross sections over the length of the project.
07/17 – Present	**Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA** Project Engineer. Ms. Blanchard is currently performing **roadway engineering** and **design** under a task order for safety widening and associated **mill** and **overlay** of approximately 9,000 feet of Germany Road between US 61 (Airline Highway) to LA 44. Each lane is being widened to 11' with 2' paved shoulders and all side ditches are being regraded to provide 4:1 foreslopes over the entire project length. The project has **multiple funding sources** and requires **LADOTD oversight** and **involvement**.
05/13 - Present	**Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA** Project Engineer. Ms. Blanchard assisted in preparation of **roadway plans** including the generation of the **pavement marking layout** and the **joint layout sheets** and updates to the **geometric layouts**. Also prepared **plans** for the realignment of Pecue Lane at Perkins Road as part of **intersection improvements**. The project scope included the design of a **four lane, curb and gutter urban collector** with **enclosed drainage system** that

	would connect Perkins Road with the Mall of Louisiana Boulevard. Design work included **horizontal** and **vertical geometry** and **drainage**.
04/18 – 08/21	**US 61 and Germany Road Intersection Improvements, Ascension Parish, LA** Project Engineer. Ms. Blanchard was responsible for the design of **preliminary** and **final roadway plans** and **specifications**, in addition to providing **project oversight**. Project involved the design of **roadway improvements** and associated **mill** and **overlay** at the intersection of US 61 and Germany Road. The project included the **reconfiguration of the existing intersection** to include Left turn, Through, and Right turn lanes from Germany Rd. onto US 61, as well as a through lane from Duplessis Rd. across US 61 onto Germany Rd.
03/16 – 03/18	**H.011824: LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish (LADOTD)** Project Engineer for **preliminary plans** of two-lane urban **roundabout**. Provided **typical roadway sections** including details for **pavement structure (designed by LADOTD)** to comply with designated Roadway Classifications. Established **roadway** and **intersection horizontal geometry** and **vertical profile**. Performed **QC** on the **drainage design** and suggested **sequence of construction** for the project.
07/15 – 10/17	**H.010890.5: LA 182: Roundabout at Hollywood Road, Terrebonne Parish (LADOTD)** Under a retainer contract for Traffic Engineering Services, Ms. Blanchard assisted the project engineer during **preliminary** and **final plans** for the design of a one-lane rural **roundabout**. Duties included design assistance of **sequence of construction** design, **plan checking**, and **quantity determination**.
01/16 – 08/17	**H.005733: US 190 Superstreet , St. Tammany Parish, LA (LADOTD)** Project Engineer under a retainer contract for Traffic Engineering Services for preliminary plans for a "road diet" of approximately three miles of an existing urban roadway. Provided **typical roadway sections** including details for **pavement structure (designed by LADOTD)** to comply with designated Roadway Classifications. Established **roadway** and **intersection horizontal geometry** and **vertical profile**. Performed **QC** on the **drainage design**. Designed the suggested **sequence of construction** for the project.
12/03 – 03/11	**700-30-0051: US 167 (Winnfield to LA 1236), Winn Parish, LA (LADOTD)** As Project Engineer, Ms. Blanchard developed **typical roadway sections** and **detailed pavement structure (designed by LADOTD)** for the designated Roadway Classification. Typical Sections included **alternatives** for both **asphalt** and **concrete pavement**. She also set **vertical** and **horizontal geometry** and provided **intersection geometric details**. Performed **comprehensive drainage design** for the project including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drain culverts. Assisted in the development of ditch grades, determining limits of construction, and recommended right-of-way. Coordinated design work with KCS Railroad, which parallels and crosses the project.

Firm employed by	Evans-Graves Engineers, Inc.			
Name		**L.R. "Eric" Erikson, P.E.**	Years of relevant experience with this employer	19
Title	Chief of Operations		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			MS / 2003 / Engineering & Technology Management BS / 1999 / Civil Engineering	
Active registration number / state / expiration date			PE.0031061 / Louisiana / 3/31/2024	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			QA/QC	

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 time specified in the applicable MPR(s).
06/02 - 10/21	**South Choctaw Drive Widening and Intersection Improvements (Flannery Road to Central Thruway), Baton Rouge, LA** Mr. Erikson served as project engineer for Phase I and Project Manager and lead design engineer for Phase II of the South Choctaw Drive project, which involved **roadway widening** and **drainage improvements** for an **existing two (2) lane arterial roadway** in East Baton Rouge Parish. His responsibilities included **oversight** and **management** of **topographic surveys** and **engineering design**. Additional funding to complete Phase II of the project was received in 2020 and the project was completed in 2021.
05/13 - Present	**Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA** Mr. Erikson served as Project Engineer on the realignment and **widening** of Pecue Lane for the future expansion and interstate interchange and the addition of turn lanes to the Pecue Lane / Perkins Road Intersection. Duties include **conceptual drawings**, **preliminary**, and **final plans** for the designed **roadway improvements**.
2006 - 2008	**LA 3095 Improvements, Grand Pointe Development, Lafayette, LA** Mr. Erikson served as Project Manager/Project Engineer for the design of a new subdivision in Lafayette, LA, which included associated **roadway improvements** to LA 3095. The project is an approx.116 acre mixed use development consisting of approx. 340 single family home sites, 360 Multi-family homes, offices, retail and other commercial uses. As Project Manager, Mr. Erikson has designed and performed **QA/QC** of grading, internal **roadways**, extensive off-site traffic improvements, sanitary sewer collection system, off-site sanitary sewer transmission system, and the coordination of multiple **utilities**.

Firm employed by	Evans-Graves Engineers, Inc.			
Name	**Zachary P. Hebert, E.I.**		Years of relevant experience with this employer	2
Title	Engineer Intern		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2020 / Civil Engineering	
Active registration number / state / expiration date			EI.0034514 / Louisiana / 9/30/2022	
Year registered	2020	Discipline	Engineer Intern	
Contract role(s) / brief description of responsibilities			Engineer Intern	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)** Engineer intern for **preliminary plans** of approximately **six miles** of **urban** and **rural roadway** on an **existing** and **new alignment**. Services provided by Mr. Hebert include **quantity** and **calculation checks** for the **bridge** and **roadway**, **ditch geometry design**, and **cross drain analysis** and **design**.
07/20 – Present	**Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA** Mr. Hebert serves as an engineer intern on this project for the redesign of the US 61 and Germany Road **intersection** as part of Ascension Parish's Move Ascension Program. The project includes the addition of dedicated **right** and **left turn lanes** on Germany Road, along with **subsurface drainage** and associated **mill** and **overlay**. Services performed by Mr. Hebert include **quantity** and **drainage calculation checks**.
07/20 – Present	**LA 52 Complete Streets Improvements, St. Charles Parish, LA** Mr. Hebert serves as an engineer intern on this project for the redesign of LA 52 using the LADOTD's **Complete Streets** approach for associated drainage improvements, landscaping, and construction of a multi-use pathway and ADA-compliant pedestrian sidewalk. Services performed by Mr. Hebert have included **preliminary research** of the area, **storm drain inlet spacing**, and **subsurface storm drainage** for one of the 0.8-mile long project phases. This project is partially grant funded and is being designed in accordance with FHWA design standards.
04/21 - Present	**North Blvd. Corridor Enhancement (I-110 to Foster/Florida), Baton Rouge, LA** Mr. Hebert serves as an engineer intern on this project and has performed **flood stage** and **watershed determinations** for Ward Creek and a **watershed determination** for Cloud Canal as part of EG's design work on the project. This MOVEBR project involves the design of **corridor improvements** including **Complete Streets** mobility improvements for approximately 2.65 miles of roadway from Interstate 110 to Florida Blvd.

Firm employed by	Evans-Graves Engineers, Inc.				
Name	 **Max O. Usrey, III, P.E., P.L.S.**		Years of relevant experience with this employer		28
Title	Professional Land Surveyor		Years of relevant experience with other employer(s)		17
Degree(s) / Years / Specialization			BS / 1979 / Civil Engineering		
Active registration number / state / expiration date			PE.0020762 / Louisiana / 9/30/2023		
Year registered	1983	Discipline	Civil Engineer		
Active registration number / state / expiration date			PLS.0004737 / Louisiana / 9/30/2023		
Year registered	1994	Discipline	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			Professional Land Surveyor		

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 time specified in the applicable MPR(s).
2021	**H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA** **Project Surveyor/QA/QC.** Under a retainer contract for professional surveying services, Mr. Usrey managed and oversaw the performance of **property surveys** and **right-of-way maps** for identified areas, resulting in a **final right-of-way map** that consisted of 9 sheets containing 30 parcels. Mr. Usrey also oversaw the production of a **COGOWIN Parcel Program legal description .IN file** along with performance of **title research reports** showing the respective parcel number. LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time and for providing **additional right-of-way information** that was **beyond the scope of the contract**, which was a great benefit to the Real Estate section.
09/11 – 06/20	**Read Blvd. East Neighborhood, New Orleans, LA** **Project Surveyor/QA/QC**. Mr. Usrey performed oversight of **topographic** and **boundary surveys** for approximately **6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps** in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys included utilities, drainage, and topographic features for this multi-phased, FEMA funded, **roadway repair** and **replacement project**, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&WBNO, and FEMA.
04/19 – 09/19	**Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA (LADOTD)** **Project Surveyor/QA/QC**. Mr. Usrey supervised all phases of this task including **title work coordination** and

	reconciliation, **coordination** and **reconciliation of property surveys**, coordination and supervision of the **mapping production** and provided **quality control / checking** of the **final right of way maps**. Mr. Usrey also was the primary point of contact for the LADOTD for all matters concerning this project, which was successfully completed under an **expedited schedule** to the satisfaction of LADOTD personnel.
08/15 – 08/18	**LADOTD Survey Retainer for Districts 02, 61, and 62 (LADOTD)** **Contract Manager/Project Surveyor/QA/QC**. Manager of task order driven retainer contract for roadway surveying services for LADOTD. Provided the LADOTD with **property surveys** and **right-of-way maps** in Ascension, St. John the Baptist, Lafourche, Iberville, East Feliciana, Livingston, and Jefferson Parishes. Surveys have been used for road realignments, bridge replacements, intersection improvements, and widenings of various roadway sections across the state.
01/16 – 08/17	**River Reintroduction into the Maurepas Swamp (LADOTD)** **Project Surveyor/Project Engineer/QA/QC**. Mr. Usrey performed **topographical surveys**, right-of-way surveys, roadway and bridge plans, and specs including temporary detour road. The project diverts 1,500 cfs river water through a diversion structure in the Mississippi River levee into a 5-mile outflow channel, and into Maurepas Swamps.
10/14 – 06/15	**LA Hwy. 30 at South Purpera Avenue, Ascension Parish, LA (LADOTD)** **Project Surveyor/QA/QC**. Performed **topographic survey** for turn lanes and intersection improvements.
12/03 – 03/11	**Route US 167 (Winnfield to LA 1236) (LADOTD)** **Project Surveyor/QA/QC**. Mr. Usrey supervised **topographic** and **property surveys** for the project and prepared right-of-way maps for the widening of approximately seven (7) miles of an existing 2-lane roadway in Winn Parish to a 4-lane divided roadway that included bridges over the Dugdemona River and the KCS Railroad.
03/10 – 10/10	**Plaquemines Parish Curbs and Sidewalks, Plaquemines Parish, LA** **Project Surveyor/QA/QC**. Mr. Usrey oversaw the performance of **topographic surveys** of **damaged roadway, curbs,** and **sidewalks** for over 4,330 feet of Hwy. 23 in Port Sulphur, 13,800 feet of Hwy. 11 in Buras, and local streets in the Braithwaite subdivision for the reconstruction project.
08/97 – 12/00	**I-12 Widening (O'Neal Lane to Pete's Highway), Baton Rouge, LA (LADOTD)** **Project Surveyor/QA/QC**. Mr. Usrey performed oversight of **topographic survey**, preparation of **field rolls**, and preliminary design for the widening of the existing three (3) lane roadway to a five (5) lane roadway with curb and gutter and subsurface drainage.

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Brett D. Blanchard, P.E., L.S.I.**		Years of relevant experience with this employer	18
Title	Civil Engineer / Land Surveyor Intern		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS/ 2004 / Civil Engineering	
Active registration number / state / expiration date			PE.0034695 / Louisiana / 9/30/2023	
Year registered	2009	Discipline	Civil Engineer	
Active registration number / state / expiration date			LSI.0000516 / Louisiana / 9/30/2023	
Year registered	2006	Discipline	Land Surveyor Intern	
Contract role(s) / brief description of responsibilities			Land Surveyor Intern	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
2021	**H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA** **Land Surveyor Intern.** Under a retainer contract for professional surveying services, Mr. Blanchard assisted with the performance of **property surveys** and **right-of-way maps** for identified areas, resulting in a **final right-of-way map** that consisted of 9 sheets containing 30 parcels. Mr. Blanchard also assisted with the production of a **COGOWIN Parcel Program legal description .IN file** along with performance of **title research reports** showing the respective parcel number. LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time and for providing **additional right-of-way information** that was **beyond the scope of the contract**, which was a great benefit to the Real Estate section.
09/11 – 06/20	**Read Blvd. East Neighborhood, New Orleans, LA** **Land Surveyor Intern**. Mr. Blanchard assisted with the performance of **topographic** and **boundary surveys** for approximately 6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys have included **utilities**, **drainage**, and **topographic features** for this multi-phased, FEMA funded, roadway repair and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&WBNO, and FEMA.
2014 – 2018	**S.P. No. H.010924: LA 75, Iberville Parish, LA (LADOTD)** Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with **property survey** and **right-of-way maps** for 0.3 miles for the construction of **two roundabouts** and **realignment of LA 992-3** and Enterprise

	Boulevard in Iberville Parish, LA.
2016	**S.P. No. 700-36-0210: Lake Forest Blvd., Orleans Parish, LA (LADOTD)** **Land Surveyor Intern**. Mr. Blanchard assisted with the performance of **topographic surveys** as part of a road rehabilitation project to complete a 400 foot section of westbound Lake Forest Boulevard located 450 feet west of its interchange with I -510 in Orleans Parish, LA.
01/12 – 02/13	**S.P. No. H.003790: LA 930, Ascension Parish, LA (LADOTD)** Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with a **property survey** and **right-of-way maps** for 1.7 miles for the widening and realignment of LA 930 in Ascension Parish, LA

Firm employed by	Evans-Graves Engineers, Inc.				
Name	 **Michael L. Roberts**			Years of relevant experience with this employer	27
Title	Sr. CADD Technician			Years of relevant experience with other employer(s)	15
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			Sr. CADD Technician		

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 time specified in the applicable MPR(s).
2021	**H.010960: LA 30 Roundabouts at Tanger Mall and I-10, Gonzales, LA** **Sr. CADD Technician.** Under a retainer contract for professional surveying services, Mr. Roberts performed CADD work for **property surveys** and **right-of-way maps**, including a **final right-of-way map** that consisted of 9 sheets containing 30 parcels. LADOTD commended the Evans-Graves team for submitting all deliverables 13 days under contract time and for providing **additional right-of-way information** that was **beyond the scope of the contract**, which was a great benefit to the Real Estate section.
09/11 – 06/20	**Read Blvd. East Neighborhood, New Orleans, LA** **Sr. CADD Technician**. Mr. Roberts performed CADD work for the **topographic** and **boundary surveys** for approximately 6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys have included **utilities**, **drainage**, and **topographic features** for this multi-phased, FEMA funded, **roadway repair** and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&WBNO, and FEMA.
04/19 – 09/19	**Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA (LADOTD)** **Sr. CADD Technician**. Mr. Roberts performed multiple tasks including title work examination and **boundary/right-of-way determination**, **field crew coordination** and **data processing** of **property surveys**, **property survey submittals**, and production of the **final right of way maps**. Mr. Roberts also served as the CADD conform manager and drafting supervisor for all LADOTD submittals in this task.

2016	**S.P. No. 700-36-0210: Lake Forest Blvd., Orleans Parish, LA (LADOTD)** **Sr. CADD Technician**. Mr. Roberts performed CADD work for the topographic surveying of a road rehabilitation to complete a 400 foot section of westbound Lake Forest Boulevard located 450 feet west of its interchange with I -510 in Orleans Parish, LA.
2014	**LA Highway 30 at South Purpera Avenue, Ascension Parish, LA (LADOTD)** **Sr. CADD Technician**. Mr. Roberts performed necessary CADD work for topographic survey for turn lanes and intersection improvements in Ascension Parish, LA.
09/13 – 07/14	**S.P. No. H.009012: LA 10 & LA 67 Intersection Widening, East Feliciana Parish, LA (LADOTD)** As Sr. CADD Technician, Mr. Roberts prepared **property survey** and **right-of-way maps** for intersection improvements in Clinton, LA.
07/12 – 08/14	**S.P. No. H.002333: Bayou Paul Bridge – LA 327, Iberville, Parish, LA (LADOTD)** As Sr. CADD Technician, Mr. Roberts prepared **property survey** and **right-of-way maps** for 0.17 miles for the replacement of a bridge over Bayou Paul.
2014 – 2018	**S.P. No. H008369: LA 11, St. Tammany Parish, LA (LADOTD)** As Sr. CADD Technician, Mr. Roberts performed CADD work for **property survey** and **right-of-way maps** for 0.14 miles for the construction of a roundabout at Cleo Road in St. Tammany Parish, LA.
2014 – 2018	**S.P. No. H.010924: LA 75, Iberville Parish, LA (LADOTD)** As Sr. CADD Technician, Mr. Roberts performed CADD work for **property survey** and **right-of-way maps** for 0.3 miles for the construction of two roundabouts and realignment of LA 992-3 and Enterprise Boulevard in Iberville Parish, LA.
2013 – 2017	**S.P. Nos. 249-90-0041, 826-39-0090, and 826-48-0005: LA 45, LA 302, and LA 3257, Jefferson Parish, LA (LADOTD)** As Sr. CADD Technician, Mr. Roberts performed CADD work for **property survey** and **right-of-way maps** for 2.2 miles for the widening of LA 45 and construction of a bridge over LA 302 over Bayou Barataria with a connection to LA 3257.

Firm employed by Michael Baker International					
Name	**Philip Walker, PE**		Years of relevant experience with this employer	4	
Title	Regional Practice Lead - Bridge		Years of relevant experience with other employer(s)	27	
Degree(s) / Years / Specialization			MS / 1991 / Structural Engineering, Georgia Institute of Technology BS / 1990 / Structural Engineering, Tennessee Technological University		
Active registration number / state / expiration date			PE.0046394 / Louisiana / 9/30/2022		
Year registered	2022	Discipline	Professional Engineer		
Contract role(s) / brief description of responsibilities			Fulfills the role of MPR 4. Bridge Design Lead		

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 time specified in the applicable MPR(s).
11/21 – Ongoing	**US 371: KCS Overpasses HBI, Sibley & Minden, LA, Webster Parish, LA, LA DOTD** **Technical Advisor.** Philip is providing oversight for the bridge design team to give guidance on the type and size of the bridge for the **replacement of three bridges** over KCS Railroad in Sibley, LA and Minden, LA. Project entails the replacement of a single bridge in Sibley and two parallel bridges in Minden at the I-20 Interchange. Both bridge locations span the KCS Railroad with **concrete or steel girder spans**.
10/21 – Ongoing	**SR 28 Bridge over the Strong River, Simpson County, Mississippi. Mississippi Department of Transportation.** **Technical Advisor.** Philip is providing **suggestions and guidance** to the team while guiding responses to client comments for the design of a **three span post-tensioned spliced precast concrete beam bridge** across the Strong River
12/14 – 01/15	**Harrisburg Overpass, Houston METRO East Corridor Project, Houston, Texas. Houston METRO.** **QAQC Review**. Philip provided QC Review of the **885-foot-long bridge** carrying both two tracks of light rail and two lanes of highway traffic. He reviewed both calculations and each plan phase submittal. Project consisted of multiple spans of **precast concrete girders** made continuous for live load with a substructure containing multiple reinforced concrete straddle bents supported on drilled shafts. Direct fixation was used to connect rails to raised plinths to superstructure deck.
03/09 – 04/14	**Mid-Bay Bridge Authority General Engineering Contract – Phase 2 and Phase 3, Okaloosa County, Florida. Mid-Bay Bridge Authority.** Philip was the **Structural Project Manager** and **Engineer of Record** responsible for all structures along the 8 mile corridor. Project includes three grade separation structures and **five waterway crossings**. Project highlights included minimization of wetlands impacts, prohibition on stream construction to protect endangered species, use of hybrid girders and weathering steel, and use of work trestles at various locations. Project also includes an

	overhead gantry to facilitate tolling along with other standard overhead sign structures.
02/07 – 05/09	**HBT Bridge over HBT Railroad - Houston METRO North Corridor Project, Houston, Texas. Houston METRO**. **QC Reviewer**. Mr. Walker was the QC reviewer for structural details along the 1722' viaduct supporting twin light rail tracks. The bridge consisted of fifteen spans of precast **Texas U-beam superstructure** and a central 426' unit consisting of a **3 span structure** consisting of parallel steel box girders. Mr. Walker was the **Engineer of Record** for a Rolling Stock Analysis of a three-span continuous steel box girder superstructure supporting two parallel light rail tracks. The special study was conducted to verify the appropriateness of live load impact factors used. The work consisted of conducting a time history analysis of vehicles traveling across the structure using the modal superposition technique.
11/08 – 09/13	**Main Street Bridge over White Oak Bayou – Houston METRO North Corridor Project, Houston, Texas. Houston METRO.** Engineer of Record. Philip was the Engineer of Record for design of strengthening and reconstruction of the historic structure for purpose of carrying light rail tracks. Historic requirements and permit limitations dictated use of an atypical structural system consisting of reinforced concrete T-beams spanning up to 80 feet for the 420-foot-long bridge. Bridge deck and track profile was required to match the existing bridge grade which transitioned 20 feet vertically from the north bank of the waterway up to a track station platform at the third floor of the University of Houston campus building.
06/05 – 12/11	**Mid-Bay Bridge Authority General Engineering Contract – Phase 1, Okaloosa County, Florida. Mid-Bay Bridge Authority.** Philip was the Structural Project Manager and Engineer of Record responsible for all structures along the 3.5-mile corridor. Project includes three bridge structures with various walls, sign structures, and mastarms. Bridge structures include two 245-foot simple span hybrid steel plate girder structures and a 95-foot simple span AASHTO Type IV girder structure.
07/06 – 12/11	**SR 559 over CSX Railroad, Polk County, Florida. Florida Department of Transportation District 1.** Philip was the Structural Project Manager and Engineer of Record for the 422-foot AASHTO Type VI girder bridge. Adjacent storage tanks necessitated requirement of drilled shaft foundations at both intermediate piers and end bents to minimize construction vibrations. Project included wrap-around MSE walls and various cantilever sign structures.

Firm employed by Michael Baker International					
Name	**Jeffery McRae, PE**		Years of relevant experience with this employer		24
Title	Technical Manager - Bridge		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization			BS / 1996 / Civil Engineering, Mississippi State University		
Active registration number / state / expiration date			PE.0034554 / Louisiana / 9/30/2023		
Year registered	2009	Discipline	Professional Engineer		
Contract role(s) / brief description of responsibilities			Fulfills the role of MPR 4. Bridge Design Engineer		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/21 – Ongoing	**US 371: KCS Overpasses HBI, Sibley & Minden, LA, Webster Parish, LA, LA DOTD** **Lead Bridge Designer.** Jeffery is serving as the lead bridge designer for the bridge design team to determine the type and size of the bridge for the **replacement of three bridges** over KCS Railroad in Sibley, LA and Minden, LA. Project entails the replacement of a single bridge in Sibley and two parallel bridges in Minden at the I-20 Interchange. Both bridge locations span the KCS Railroad with **concrete or steel girder spans**.
11/13 – 12/19	**S.R. 28 Big Creek, Quinn Creek, and Strong River Bridge Replacements, Simpson County, Mississippi. Mississippi Department of Transportation.** **Engineer.** Responsibilities included generating preliminary bridge **R.O.W. plans, geometric calculations** and **design calculations** for **three hydraulic bridge crossings**. One of the crossings, Strong River, required four separate alternates to be detailed as well as a construct-ability report and cost estimate comparison discussing the advantages and disadvantages of each alternate. Michael Baker is providing engineering services for the **replacement** of the S.R. 28 bridges over Big Creek, Quinn Creek, and Strong River. Michael Baker's services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of **hydraulic analysis reports**, and **conceptual and preliminary design**.
01/06 – 12/12	**S.R. 27 Reconstruction Between the Kansas City Railroad and US 80, State Route 27, Vicksburg, Mississippi. Mississippi Department of Transportation.** **Project Manager.** Responsibilities included project management, generation of **engineering design calculations**, **bridge geometry**, **bridge quantities** and conceptual through final design contract plans. This project consisted of preparation of right-of- way and construction plans to reconstruct S.R. 27 between the Kansas City Railroad and US 80 in Warren County, MS. Michael Baker performed **bridge and retaining wall design** as well as roadway lighting.

Firm employed by Michael Baker International					
Name	**Lei Wang, PhD, PE, PMP, CFM**		Years of relevant experience with this employer	17	
Title	Transportation Department Manager – Office Executive		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			PhD / 2001 / Civil Engineering, University of Missouri at Columbia MS / 1989 / Environmental Engineering, Tsinghua University, China BS / 1987 / Environmental Engineering, Tsinghua University, China		
Active registration number / state / expiration date			PE.0016165 / Mississippi / 12/31/2022		
Year registered	2004	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Bridge Hydraulics Lead		

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 time specified in the applicable MPR(s).
09/19 – 11/20	**Helena Drainage Improvements, Jackson, Mississippi. Jackson County Board of Supervisors.** **Hydraulic Engineer**. Responsibilities included hydraulic **SRH-2D modeling** to simulate the flooding condition and drainage improvement design. MBI is providing Engineering and Related Services for Black Creek watershed **drainage improvements** and **flood reduction** study for Helena, MS.
04/18 – 11/18	**Maydell Bridge Replacement, Tampa, Florida. Florida Department of Transportation.** **Hydraulic Engineer**. Responsibilities included **hydraulic modeling** and **scour analysis**. MBI is providing engineering services for replacing the existing 616-foot-long Maydell Drive Bridge over Palm River in Tampa, Florida with a bridge of similar length on the current horizontal alignment, while maintaining the existing vertical clearance and providing the minimum required horizontal clearance at the navigational channel.
08/18 – 11/18	**Appalachian Corridor V Bridge Project, New Caney, Texas. Mississippi Department of Transportation.** **Hydraulic Engineer**. Responsibilities included **hydraulic modeling** and **scour analysis**. MBI provided design and engineering services for bridge hydraulics, conceptual and final bridge construction plans, and construction engineering services for four twin **hydraulic bridge crossings** on the Appalachian Corridor "V" alignment (S.R. 76) from Fairview to S.R. 23.
01/17 – 03/18	**U.S. Highway 49 Improvements between Florence and the Scales Area, Rankin County, Mississippi. Mississippi Department of Transportation.** **Civil Engineer.** Responsibilities included **roadway drainage** and **storm water inlet design** as well as a **No-Rise hydraulic study** for three roadway crossings. MBI provided engineering services for roadway and bridge construction on U.S. 49 between Florence and the Scale Area just south of I-20 in Rankin County.

Firm employed by Michael Baker International					
Name	**Daniel Thornhill, PE**		Years of relevant experience with this employer	2	
Title	Transportation Department Manager – Office Executive		Years of relevant experience with other employer(s)	22	
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date			PE.0032367 / Louisiana / 09/30/2022		
Year registered	2006	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Bridge Hydraulics QA/QC		

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 time specified in the applicable MPR(s).
11/21 - Ongoing	**US 371: KCS Overpasses HBI, Sibley & Minden, LA, Webster Parish, LA, LA DOTD** **Project Manager.** Daniel is the **project manager** for the design of both the roadway and **bridge replacement** of three bridges in Webster Parish along US 371 in Sibley and Minden, Project entails the replacement of a single bridge in Sibley and two parallel bridges in Minden at the I-20 Interchange. Additional responsibilities include the develop of construction plans and coordination between DOTD and KCS Railroad. Both bridge locations span the KCS Railroad with **concrete or steel girder spans**.
04/14 – 08/16	**Espasie Drive Bridge Replacement over Edith Coulee, Lafayette, Louisiana. Lafayette Consolidated Government.** **Project Manager/Lead Design.** Responsible for the **replacement** of an existing bridge on concrete bents and timber piles with a **Pre-Cast Arch Span Bridge**. Responsibilities included overall management of project along with **hydraulic design** for sizing the replacement structure for the channel along with all roadway horizontal and vertical alignments and roadway drainage.
01/02 – 03/04	**Garvee Amendment Bridge Replacement Program for Multiple Counties, Alabama. Alabama Department of Transportation.** **Project Engineer.** Responsible for the design and development of construction plans for **bridge replacement projects.** Responsibilities included **design of bridge superstructure and substructure** and the road improvements to match new bridge elevations. Bridges substructures were either drilled shafts socketed in rock bed or shallow foundations with driven steel "H" piles. Bridge projects were in Jefferson County, Marshall County, Culman County and Marion County. Mr. Thornhill was also responsible for all road improvements for the approaches for each bridge.

Firm employed by Michael Baker International					
Name	**Aaron Dunavant, EI**		Years of relevant experience with this employer		<1
Title	Project Manager		Years of relevant experience with other employer(s)		5
Degree(s) / Years / Specialization			BS / 2015 / Biological and Agricultural Engineering, Texas A&M University		
Active registration number / state / expiration date			EI.52242 / Texas / 06/04/2023 *Currently scheduled to take PE Exam in September 2022.		
Year registered	2015	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Bridge Hydraulics Designer.		

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 time specified in the applicable MPR(s).
09/21 - Ongoing	**Louisiana Watershed Initiative Modeling Contract – Region 6, Louisiana. Louisiana Department of Transportation and Development.** **HEC-RAS Modeler.** Responsible for gathering background data and creating a 2D HEC-RAS model for the East Coastal Louisiana HUC-model in Region 6. Additional responsibilities include troubleshooting the models for errors along with the insertion of **bridge structures** and **calibrating the model**. Created technical memos detailing all information and data from model. Project includes creating the GIS breaklines within the HEC-RAS models.
01/22 - Ongoing	**Louisiana Watershed Initiative Modeling Contract – Region 4, Louisiana. Louisiana Department of Transportation and Development.** **HEC-RAS Modeler.** Responsible for gathering background data and creating a 2D HEC-RAS model for the Sabine River HUC-model in Region 4. Additional responsibilities include troubleshooting the models for errors along with the insertion of **bridge structures** and **calibrating the model**. Created technical memos detailing all information and data from model. ject includes creating the GIS breaklines within the HEC-RAS models.
07/17 – 05/18	**Houston Arboretum and Nature Center (HANC) Ravine Restoration Project, Houston, Texas. Houston Arboretum and Nature Center**. **Project Engineer, CAD Designer, HEC-RAS Modeler**. Perform initial site conditions survey and topography survey. Create construction plan set and details using CAD software. Perform **scour analysis** on proposed bridge design. HANC Project SWG -2017-00075. This project involves 1000 linear feet of stream at the Houston Arboretum and Nature Center. This project rehabilitates the banks of the ravine and the **replacement** of two existing bridges with new bridge structures.

Firm employed by	Civil Design & Construction, Inc. (CD&C)			
Name	Karla E. Weston, PE		Years of relevant experience with this employer	17
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, 2024	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Mrs. Weston will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards.	

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 time specified in the applicable MPR(s).
02/16-09/19	**H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA**: 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	**H.02960 Gramercy Bridge, St. James Parish, LA**: 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	**H.010620 I-49 Design Build, Lafayette, LA**: Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Cooridoor.
05/13 – 05/14	**H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA**: 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, coordinate with the prime consultant and government agencies.
01/06 – 12/12	**EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA**: 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	**H.009104.5 - Sunshine Bridge Phase 2:** 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	**Red River – Jackson Street Bridge, Alexandria, LA:** 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 replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	**H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33** Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurrican Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	**H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29** Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	**Picardy Avenue Extension–City/Parish of East Baton Rouge:** Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.

Firm employed by	Civil Design & Construction, Inc. (CD&C)				
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	11	
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12	
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University		
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2022		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Burgess serve 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. 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.		

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 time specified in the applicable MPR(s).
07/20 – 04/21	**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**:Mr. Burgess was the Survey Manager for 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. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**:Mr. Burgess was the surveying Manager 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.
7/17-12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.

10/15-12/18	**H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16-12/17	**H.011235 I-49 South at Verot School Road, Lafayette, LA**: Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	**H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Burgess served as Survey Manager on 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.
03/14-06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: Mr. Burgess served as the project manager for the project. 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	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Survey Manager for this project located in West Baton Rouge Parish. 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.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Burgess served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Mr. Burgess managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Mr. Burgess's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

Firm employed by	Civil Design & Construction, Inc. (CD&C)				
Name	Chris Ballard, PLS		Years of relevant experience with this employer	6	
Title	Survey Project 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, 2022		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project 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. 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.		

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 time specified in the applicable MPR(s).
09/01/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Ballard is the Surveying Project Manager 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.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Ballard served as the firms Survey Project Manager on 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.
02/19-09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA**: Mr. Ballard is serving Survey Project Manager 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.

01/17-12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager 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 BayoEu, and Cypress Bayou.
10/16 - 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Ballard served as the Project Manager 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.
09/17 -09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA**: Mr. Ballard served as a Survey Project Manager 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**.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA**: Mr. Ballard served as the Survey Project Manager on 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.
01/16 - 08/16	H**.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Mr. Ballard served as the Survey Project Manager on 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 - 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA**: Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	**260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA**: Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Ballard served as the Survey Project Manager on 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.**

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Philip Dupree		Years of relevant experience with this employer	10
Title	Survey Party Chief		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.	

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 time specified in the applicable MPR(s).
07/20 – 04/21	**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**:Mr. Dupree was the Senior Party Chief & Field Coordinator for 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.
01/18-02/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Dupree 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.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15-12/2018	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16-08/2016	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.
10/16-11/2016	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Dupree served as Field coordinator on this project. 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.
07/14/10/2015	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. 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.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Jacob Stoehr		Years of relevant experience with this employer	7
Title	Survey Party Chief		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA TCS, TCT, Flagger	
Year registered		Discipline		
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 time specified in the applicable MPR(s).
01/18-01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr served as a 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.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** 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.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA:** 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.
05/17-07/2017	**H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:** 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.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** 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.
10/15 – 12/2018	**H.003184.5 I-10 Texas State Line East of Coone Gully:** 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.
10/16 – 11/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** 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.

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Trent Norris		Years of experience with this firm/employer	**8**
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	**0**
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
01/18 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Norris was the #3D Scanning Technician 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.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
01/16 – 07/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

Firm employed by	Civil Design & Construction, Inc. (CD&C)		
Name	Scott Benton	Years of experience with this firm/employer	**5**
Title	Senior Technician	Years of experience with other firm(s)/employer(s)	**5**

Degree(s) / Years / Specialization			
Active registration number / state / expiration date			ATSSA Traffic Control Supervisor, Technician & Flagger |
Year registered		Discipline	
Contract role(s) / brief description of responsibilities			Mr. Benton serves as a 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.e.*, "designed drainage", "designed girders", "designed intersection", etc.
12/19 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Benton served as a #3D Scanning Technician 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.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: 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	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: 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	**H.005693 LA 447, Walker, LA**: 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.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
07/14 – 10/15	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Benton served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.

Firm employed by Civil Design & Construction, Inc. (CD&C)					
Name	Madison Mills, LSI			Years of relevant experience with this employer	1+
Title	Land Survey Intern			Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering		
Active registration number / state / expiration date			0000716 Land Surveyor Intern/Louisiana		
Year registered	02/18/2021	Discipline	Land Surveyor Intern		
Contract role(s) / brief description of responsibilities			Mr. Mills joined CD&C in 2021 as a Land Surveying Intern. Madison will be taking his PLS exam in 2022. He serves as a Survey Technician 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 time specified in the applicable MPR(s).
02/21 - Ongoing	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** 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 - Ongoing	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :** 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 - Ongoing	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** 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.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** 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.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** 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.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** 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.

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Alex Wells	Years of relevant experience with this employer	2.5
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization	
Active registration number / state / expiration date	ATSSA TCS, TCT, Flagger
Year registered / Discipline	
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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 10/21	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** 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 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** . 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	**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**: Mr. Wells was an Instrument Man on this project. CD&C was 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.
02/21 – 05/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** 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	**H014302 US 165 Lighting, Monroe, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project 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 Civil Design & Construction, Inc. (CD&C)			
Name	Clarence J. Goodspeed	Years of relevant experience with this employer	> 1 yr.
Title	Utility Coordinator	Years of relevant experience with other employer(s)	30 years

Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer			*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. The following is a list of companies and job roles.

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 time specified in the applicable MPR(s).
	Byers Engineering Damage prevention tech, responsible for accurately locating multiple client's underground plant which was, AT&T (Bell South), Entergy Elec, Cox Communications, several companies that owned fiber loops in the greater Baton Rouge area, Eatel, and Koche Gateway Pipeline are just some of the companies he was responsible for locating their underground facilities.
	BHA Engineering Damage prevention tech (Underground Locator) contracted to Demco Electric to locate their underground facilities.
	Wave Tech Geophysical Engineering Conducted SUE work, vacuum excavation, ground penetrating radar, road pavement GPR, leak detection, researching utility prints, and conducting locates on military facilities and airports.
	Bron Construction Assisted in maintenance, and new construction of Entergy Electric underground and some overhead lines.
	UtiliQuest LLC Supervisor, Damage Investigator, State Claims Manager, and Operations Manager. Also, took part in negation of contracts.
	Fibore Filled in as supervisor for burying Charter Communication service drop crews, installation of main and service drops with directional boring rig, assisted in settling property damage claims, and assisted in pointy of contact with Charter Construction personal.

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Bradley Jacobs, EI		Years of relevant experience with this employer	> 1 yr.
Title	Engineering Intern		Years of relevant experience with other employer(s)	9 years
Degree(s) / Years / Specialization			BS / 2015 / Civil Engineering	
Active registration number / state / expiration date			No. 0032456 / Louisiana / 09/30/2023	
Year registered	06/08/2015	Discipline	Engineering Intern	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer			Mr. Jacobs will 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 time specified in the applicable MPR(s).
	Albany Annex - Worked on the boundary survey for extending the town limits of Albany, Louisiana. I went to the courthouse and did title research for the properties that were obtained for the annex. I set the new boundary lines for the new town limits. I also drew the map showing the boundary of the properties that were obtained.
	Pecue Lane - Worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, I set where the monuments will be in the office. I also calculated the bearings and distances between each right of way monument. I also wrote the legal descriptions for the Right of Way and verified that it matches the maps. I also created the control sketch based off the traverse. All drawings were created up to DOTD Standards.
	Essen Lane Control - Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments 2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.
	Jefferson and Corporate Interchange Survey - Created the GPS control sketch that shows the traverse for the survey.
	Pollard Branch - Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys
	I-12 to Bush – Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.

17. **Firm Experience:**

Firm name	Evans-Graves Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road	
Project name	**Retainer Contract for Traffic Engineering Management Roadway Projects**		Firm responsibility (prime or sub?)	Prime	
Project number	Contract No. 4400004357	Owner's name	LADOTD		
Project location	Statewide, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, (225) 242-4620, josh.harrouch@la.gov				
Services commenced by this firm (mm/yy)	05/14	Total consultant contract cost ($1,000's)		$996.7	
Services completed by this firm (mm/yy)	03/18	Cost of consultant services provided by this firm ($1,000's)		$408.7	

Project Description:

Evans-Graves performed engineering and design for roadway projects under a **retainer contract** with LADOTD to provide engineering services for **roadway design statewide.** EG performed these services under three (3) separate task orders.

Firm's Role:

Task Orders completed under this retainer contract included:

LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish, LA – An **urban two-lane roundabout** in Livingston Parish. Project includes **mill and overlay** in conjunction with an **"asphalt wedge**" to slightly change the vertical profile of Buddy Ellis Rd. Evans-Graves produced **preliminary** and **final plans** for the project. Design included **typical roadway sections**; **pavement structure details** (designed by LADOTD) to comply with designated Roadway Classification; establishment of **roadway** and **intersection horizontal geometry** and **vertical profile**; **drainage design**; and **sequence of construction planning** and **design**. Additional work included **boundary surveys**, **cost estimates** and **engineering support during construction**.

LA 182: Roundabout at Hollywood Road, Terrebonne Parish, LA - A **single lane rural roundabout** in Terrebonne Parish. EG produced **preliminary** and **final plans** for the project, including **drainage design**, **cost estimates**, and **sequence of construction design**.

US 190 Superstreet, St. Tammany Parish, LA - Conversion of a 6 lane urban arterial on US 190 from Rogers Lane to I-12 in St. Tammany Parish into a **Superstreet**. Project served as a **road diet** of approximately 3 miles of existing urban roadway. Evans-Graves **redesigned multiple intersections** along the three mile corridor converting them from traditional median openings to **signalized R-Cut type intersections**. Additionally, **J turns** were implemented between the existing intersections to **restrict left turn movements** and thereby **reduce the number of conflict points for motorists**.

G. Menard, E. Erikson, L. Blanchard, M. Usrey, B. Blanchard, M. Roberts

EVANS-GRAVES ENGINEERS, INC.

Firm name	Evans-Graves Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road	
Project name	**I-12 to Bush, LA 3241 (I-12 – LA 36)**		Firm responsibility (prime or sub?)	Prime	
Project number	S.P. No. H.004957.5	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Mr. Joachim Umeozulu	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, (225) 379-1386, joachim.umeozulu@la.gov				
Services commenced by this firm (mm/yy)	06/14	Total consultant contract cost ($1,000's)		$975	
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm ($1,000's)		$975	

Project Description:

Evans-Graves Engineers (EG), acting as the design engineer for the project, is providing engineering and related services to the I-12 – LA 36 section of the DOTD's I-12 to Bush, LA 3241 project. The I-12 to LA 36 section of the project consists of providing a four-lane, divided roadway beginning at the I-12/LA 434 interchange and ending at LA 36. The project consists of approximately **six (6) miles of roadway**. The first 2.5 miles of the project involves **widening** the roadway from two lanes to four lanes with associated **mill** and **overlay** along the existing alignment of LA 434. The remaining 3.5 miles of the project consists of designing a four-lane divided roadway on a new alignment. Additional features designed by EG include **five (5) roundabouts to improve traffic flow along the corridor**. The project required additional right-of-way for the entire length of the project segment. EG was later supplemented to prepare **final plans**, **property surveys**, and **right-of-way maps**.

Firm's Role:

EG, as prime, is responsible for: Preparation of **design criteria** in accordance with the latest reference documents, including review of all relevant project documents—environmental studies, traffic data, parish maps, aerial photos, and DOTD roadway classifications; **site assessments; property surveys; right-of-way mapping; construction cost estimates** (itemizing construction, right-of-way, and utility relocation costs); p**reliminary** and **final plans**

G. Menard, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts

Firm name	Evans-Graves Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road	
Project name	**Germany Road (US 61 – LA 44) Safety Widening**		Firm responsibility (prime or sub?)	Prime	
Project number	N/A	Owner's name	Ascension Parish Government, DPW		
Project location	Ascension Parish, LA		Owner's Project Manager	Tacie Rabalais, P.E.	
Owner's address, phone, email	42077 Churchpoint Road, Gonzales, LA 70737; (225) 450-1386; trabalais@apgov.us				
Services commenced by this firm (mm/yy)		09/17	Total consultant contract cost ($1,000's)		$625
Services completed by this firm (mm/yy)		TBD	Cost of consultant services provided by this firm ($1,000's)		$540

Project Description:

As part of Ascension Parish's multi-year, multi-million dollar Move Ascension program to improve traffic congestion in the Parish, Evans-Graves was tasked under an **as-needed IDIQ contract** with designing safety widening improvements for approximately **9,000 feet of roadway** in Ascension Parish. Funding for the project is being augmented by federal sources. As such, the project is being **designed using DOTD standards** and is reviewed at each submittal stage by DOTD.

Firm's Role:

The Germany Road Safety Widening project includes the **widening** of approximately **9,000 feet** of Germany Road between US 61 to LA 44. Each lane will be **widened** to **11'** with **2' paved shoulders** and includes associated **mill** and **overlay**. Side ditches will be **regraded** to provide 4:1 foreslopes over the length of the project. The project incorporates the addition of shoulders and dedicated right and left turn lanes and signalization to provide motorists with additional protection.

For this project, EG, as the Prime consultant, is responsible for:

- **Preliminary** and **final roadway plans** and **specification**s
- **Right-of-way mapping**

G. Menard, E. Erikson, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts

Firm name	Evans-Graves Engineers, Inc.			Past Performance Evaluation Discipline(s)*	Road
Project name	**US 61 and Germany Road Intersection Improvements**			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Ascension Parish Government, DPW		
Project location	Ascension Parish, LA		Owner's Project Manager	Tacie Rabalais, P.E.	
Owner's address, phone, email	42077 Churchpoint Road, Gonzales, LA 70737; (225) 450-1386; trabalais@apgov.us				
Services commenced by this firm (mm/yy)		04/18	Total consultant contract cost ($1,000's)		$216.9
Services completed by this firm (mm/yy)		08/21	Cost of consultant services provided by this firm ($1,000's)		$149.5

Project Description:

The Parish selected Evans-Graves Engineers (EG) under a **retainer contract to provide engineering and design services on a task order basis** to include professional services such as: **Stage 0 Feasibility Studies**, **Value Engineering (VE) Studies**, **topographic surveys**, **preliminary** and **final roadway** and/or **bridge plans**, **Transportation Management Plans (TMPs)**, **Traffic Signal Plans**, **special provision write-ups**, **cost estimates**, **permit sketches**, **general engineering support during construction**, and **quality reviews** of plans developed in association with the contract (QA/QC).

Under this task order, Evans-Graves designed **roadway improvements** with associated **mill** and **overlay** at the intersection of US 61 and Germany Road in Ascension Parish. The project included the **reconfiguration of the existing Germany Rd. / US 61 intersection** to include **Left turn**, **Through**, and **Right turn lanes** from Germany Rd onto US 61, as well as a **Through lane** from Duplessis Rd across US 61 onto Germany Rd. The project involved **multiple funding sources** and involved **LADOTD** oversight and coordination throughout the design process.

Firm's Role:

Evans-Graves, as the prime consultant and lead design firm, performed:

- **Topographic survey**
- **Preliminary and final roadway plans and specifications**
- **Right-of-Way Maps**

G. Menard, L. Blanchard, M. Usrey, B. Blanchard, M. Roberts

EVANS-GRAVES ENGINEERS, INC.

Firm name	Evans-Graves Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Survey	
Project name	**Comite River Diversion Canal Right-of-Way Mapping and Property Surveys**		Firm responsibility (prime or sub?)	Prime	
Project number	S.P. No. H.007811	Owner's name	LA DOTD		
Project location	East Baton Rouge Parish, LA		Owner's Project Manager	Mr. Keith Fournier	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, (225) 379-1466, keith.fournier@la.gov				
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)		$197.0	
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm ($1,000's)		$197.0	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Project Description:

Evans-Graves performed this task under a **retainer contract to provide professional surveying services** for the performance of **property surveys**, **title take-off**, and **preparation of right-of-way maps** for **roadway** and **drainage** projects primarily in LADOTD Districts 02, 61, and 62.

Firm's Role:

EG successfully completed **property surveys** and **right-of-way mapping** services for the planned $343 million Comite River Diversion Canal Project in East Baton Rouge Parish from Old Baker Road to the Mississippi River (approximately **7.8 miles** and **60 parcels of taking**). This task necessitated an **expedited schedule** **of only 70 days that EG was successfully able to meet**, garnering high praise from LADOTD staff. In their past performance assessment, LA DOTD staff noted that EG "was able to deliver the matte films on time despite several changes from the design plans while the contract was running and the project schedule being compressed." Additional work included the **proposal preparation** for the task order, performance of **field work** using in-house survey crews, coordination of **title research**, preparation of **base right-of-way maps**, attendance of **Joint Plan Review meetings**, and preparation of **final right-of-way maps**.

M. Usrey, **M. Roberts**, **B. Blanchard**

Firm name	Michael Baker International			Past Performance Evaluation Discipline(s)*	Bridge
Project name	**US 371: KCS RR Overpasses HBI**			Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.012030	Owner's name	LADOTD		
Project location	Sibley & Minden, LA; Webster Parish, LA		Owner's Project Manager	Mr. Hamed Babaizadeh	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1331, hamed.babaizadeh@la.gov				
Services commenced by this firm (mm/yy)		11/21	Total consultant contract cost ($1,000's)		$694
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm ($1,000's)		$630

Project Description:

Michael Baker was selected by DOTD to provide bridge, structural, and transportation services for the replacement of three bridges along US 371 at two locations in Sibley, LA and Minden, LA. All bridges span KCS Railroad at two locations along their rail line. The existing bridge at Sibley, LA was built in 1934 and is currently a three span, steel girder bridge for a total length of 120' resting on concrete substructure. Bridge has sidewalks on both sides of the bridge and ties to existing sidewalks along the route. US 371 is a minor urban arterial with roughly 9% truck traffic along the route. Michael Baker design team is tasked with determining the most efficient and cost-effective bridge to replace the existing structure. A bridge structure report is required to determine if the new bridge will either be concrete or steel girder type. The new structure and road improvements will meet the latest DOTD design guidelines. One of the challenges at this location is the grade difference between the bridge and existing properties with the railroad underneath. Coordination with KCS railroad will help determine the final location of the bridge foundations in relationship with the rail line.

The two bridges at Minden, LA serve as part of the I-20 interchange at US 371. The bridges were built at different times around 1930 and both bridges are three span, steel girder bridges. One bridge is normal skew to the roadway while the other bridge was built on a skew aligning with the rail line. Like the Sibley site, US 371 is considered a minor urban arterial with roughly 9% truck traffic. Similar to the Sibley bridge, the design team will prepare a bridge structure report determining the most efficient and cost-effective bridges while minimizing impact to the local traffic. Being located at an interchange, additional challenges for these bridge replacements is the maintenance of traffic, phase construction, and shifting of traffic. At this location, one bridge will be removed and replaced while reducing travel to one-lane on the other bridge to keep roadway open to existing traffic. Design team is tasked with determining if the new bridge will be concrete or steel girder type while maintaining minimal adjustment to the existing roadway grade to reduce the amount of roadway necessary to tie to existing roadway.

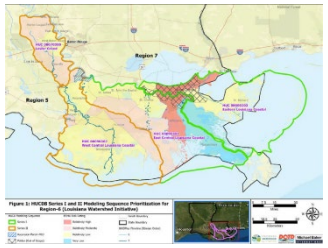
Firm's Role:

Michael Baker International is performing the design for the roadway approaches and design for the new bridges.

Daniel Thornhill, PE; Philip Walker, PE; Jeffery McRae, PE

Firm name	Michael Baker International		Past Performance Evaluation Discipline(s)*	Bridge	
Project name	**Louisiana Watershed Initiative Modeling, Various Parishes, LA**		Firm responsibility (prime or sub?)	Prime	
Project number	Contract No. 4400017092	Owner's name	LADOTD		
Project location	Various Parishes in Southeast, LA		Owner's Project Manager	Mr. Jie Gu, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1483, Jie.Gu2@LA.GOV				
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost ($1,000's)		$3,127	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$1,612	

Project Description:



Michael Baker is providing engineering and modeling services for the Louisiana Watershed Initiative. The project was launched in 2018 and introduced a watershed-based approach to reducing flood risk in Louisiana. It is organized by seven modeling regions, each of which encompasses multiple HUC-8 watersheds.

Task Order 2: Michael Baker performed HUC-8 hydrologic and hydraulic modeling for the Eastern Louisiana Coastal and East Central Louisiana Coastal watersheds. For this task, it supplemented the data collection and data gap analysis completed in Task Order 1, provided quality control and assurance, continued stakeholder engagement efforts including holding any necessary public meetings, continue reviewing historic storm events to adjust data collection and analysis, and perform topographic, bathymetric, and channel surveys. The Eastern Louisiana Coastal and East-Central Louisiana Coastal watersheds include transition and coastal zones. Michael Baker developed a tiered modeling design plan for H&H studies for these zones and developed internal and external boundary conditions. The tiered modeling structure recommended detailed studies in areas of higher need (greater losses, unconfined flooding and areas prone to development.) Michael Baker developed rain-on-grid analyses using HEC-RAS 6.0 and calibrated the models using large and recent storm events. Deliverables included a technical report, a quick-training guide to support future modeling, and an update to the data management plan. Value Added: Region 6 of the Louisiana Watershed Initiative is characterized by widespread swamps, marshlands, and dense natural and man-made river channel networks. The traditional H&H modeling method simulates hydrology and hydraulics separately, with rivers modeled by 1D elements, relying on a modeler's judgment. Overall, the traditional H&H modeling takes more time and resources. Michael Baker worked with the client to develop a detailed H&H modeling work plan for Region 6 using cutting-edge 2D H&H modeling. The 2D H&H modeling approach integrates hydrology with hydraulics in one model run to better model a real-world, precipitation-runoff-routing process.

Firm's Role:
Michael Baker International is performing the H&H Modeling & Data Collection

Daniel Thornhill, PE; Aaron Dunavant, EI

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Discipline(s)*		Road
Project name	Pecue Lane I-10 Interchange, Baton Rouge, LA		Firm responsibility (prime or sub?)		Sub
Project number	H.003047	Owner's name	LADOTD		
Project location	Baton Rouge, LA		Owner's Project Manager	Brian Kendrick, PE.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802/225/379-1356/brian.kendrick@la.gov				
Services commenced by this firm (mm/yy)		02/16	Total consultant contract cost ($1,000's)		N/A
Services completed by this firm (mm/yy)		09/19	Cost of consultant services provided by this firm ($1,000's)		$330

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

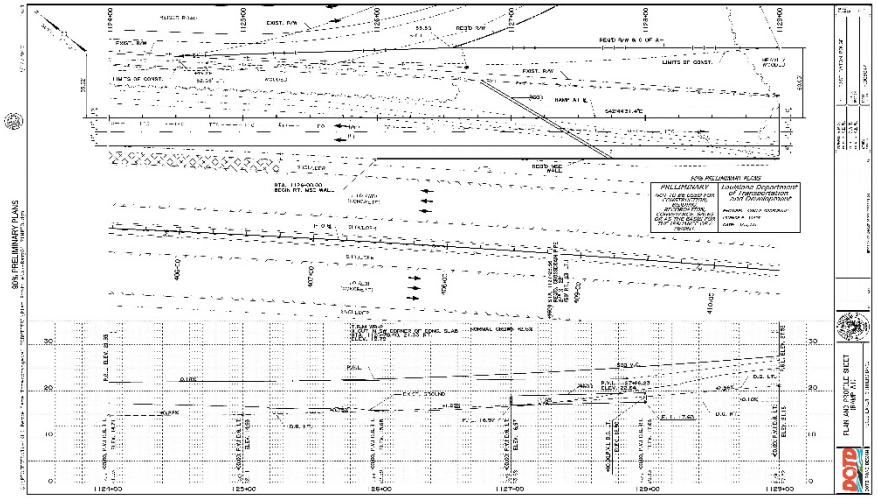
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Project Description:

The scope of this project includes the construction of an interchange with multiple through and turn lanes on Pecue Lane and entrance and exit ramp on both eastbound and westbound Interstate 10, replacing the current two-lane overpass bridge, replacing the Pecue Lane at Wards Creek Bridge, and extension of Reiger Road to a new intersection with Pecue Lane, Pecue Lane Extension connecting Reiger road with Old Pecue Lane and other work with the limits of the project.

CD&C's Role:

CD&C is providing engineering design services for Preliminary and now Final Plans of the West Bound Entrance-Ramp to I-10, the West Bound Exit-Ramp from I-10, the extension to Reiger Road and Pecue Lane Extension.



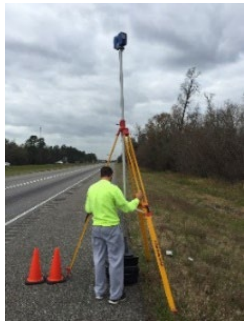
Members Involved: Karla Weston, PE;

Performed 100% LA

EVANS-GRAVES ENGINEERS, INC.

Firm name	**Civil Design & Construction, Inc.**	Past Performance Evaluation Discipline(s)*	Other
Project name	I-10 TX State Line East of Coone Gully	Firm responsibility (prime or sub?)	Sub
>Project number	H.003184.5	Owner's name	LADOTD / Stanley Ard, PLS
Project location	Calcasieu Parish, LA	Owner's Project Manager	Stanley Ard, PLS
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA70802/225-379-1232/Stanley.ard@la.gov		
Services commenced by this firm (mm/yy)	10/15	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm ($1,000's)	$443

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.



Project Description: This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

- In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

CD&C's Role: CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project.** The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS, Survey Manager; Chris Ballard, PLS Survey Project Manager; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician; John Ewing, Survey Technician, Scott Benton, 3D Scanning Technician.

Performed in LA: 100%

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Discipline(s)*		Other
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)		01/18	Cost of consultant services provided by this firm ($1,000's)		$435

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

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. 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; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; John Ewing, Survey Tech; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief **Performed 100% LA**

18. Approach and Methodology

EVANS-GRAVES ENGINEERS, INC.

APPROACH AND METHODOLOGY

Over the 68 years **Evans-Graves Engineers** (EG) has been in operation, the firm has gained skill and expertise in road design. Our staff has the knowledge and experience to undertake any roadway design project and complete it in an efficient and timely manner, and the company is proficient in LADOTD's methods of project development. Additionally, EG effectively communicates with LADOTD personnel on its projects to ensure project expectations are met. ***Together with our subconsultants, Michael Baker International (MBI) and Civil Design & Construction (CD&C), we will create a quality design that satisfies DOTD and other project stakeholders.***

GEOMETRIC DESIGN

LA 447 in Livingston Parish, also known as Walker South Road, is currently a two-lane roadway with open ditch drainage system for the majority of the project limits. The roadway will be upgraded to be a four-lane divided highway from the I-12 eastbound ramps roundabout to Buddy Ellis Road. The typical section for LA 447 will then change to be a three-lane section up to the intersection at Joe May Road, with the total project length approximately 2.5 miles. Two roundabouts will be included in the design, one at O'Donovan Blvd. and one at Buddy Ellis Road. Additionally, the intersection of LA 447 at Miller Rd./Milton Ln. will be realigned and improved to restrict vehicular movements. Finally, a southbound right turn lane onto Joe May Road will be added at the terminus of the project.

LA 447 Typical Sections

Between the roundabout at the I-12 eastbound ramps roundabout and O'Donovan Blvd., curbs are used intermittently. Therefore, the designer will examine adding curbs and utilizing PG-Drains or an enclosed drainage system for a consistent typical section through this more developed portion of the project. Additionally, there are currently no sidewalks provided in the curbed sections of LA 447. Evans-Graves will discuss the addition of sidewalks in this area with DOTD to increase mobility of pedestrians.

The typical section after O'Donovan Blvd. is assumed to have a curbed median with widened paved shoulders and an open ditch drainage system. Since superelevation is evident over the entire project corridor, the design team will investigate flattening the existing curves in the horizontal alignment to reduce the cross slope of the superelevation.

Intersection at Miller Rd./Milton Ln. and LA 447

The intersection is currently unsignalized with a stop condition at the minor roads, and all vehicular movements are permitted. The intersection is also misaligned, potentially causing problems for motorists. The intersecting alignments of the two minor roadways will be corrected to be tangent, and movements at the intersection will be restricted as part of this project. Evans-Graves will discuss potential limited access intersections at this location with DOTD, but one such improvement could be eliminating left turns at the intersection with the addition of the median and constructing a directional u-turn south of the intersection. The roundabout at the I-12 eastbound ramps would serve as the u-turn for motorists traveling westbound on Milton Ln. and wishing to turn southbound on LA 447.

Roundabout at O'Donovan Blvd.

O'Donovan Blvd. is a four-lane divided roadway that serves as the entrance to the Our Lady of the Lake Medical Plaza. With the upgrade of LA 447 to a four-lane divided roadway, the roundabout at this location will be a multi-lane roundabout with three legs. LA 447 is currently superelevated in the area of the proposed roundabout. The designer will investigate removing the superelevation of the roadway at the roundabout entrances.

Roundabout at Buddy Ellis Road

The typical section of LA 447 will change from a four-lane section to a three-lane section at the intersection at Buddy Ellis Road, and the design team will investigate using slip lanes at the roundabout to add or drop lanes. Therefore, the roundabout is anticipated to be single lane with the possibility of a southbound slip lane onto Buddy Ellis Road and a northbound slip lane from Quail Run Avenue.

Intersection at Joe May Road and LA 447

The intersection of LA 447 at Joe May Road will be upgraded to include a southbound right turn lane onto Joe May Road. Currently, the Joe May Road intersects LA 447 at a significant skew. Realigning Joe May Road to intersect at a more perpendicular angle, perhaps rerouting it to the rear of Plainview Baptist Church, may be a future project which can be discussed with Livingston Parish and DOTD at one of the stakeholder meetings.

BRIDGE

The bridge approximately 1,400 feet south of Buddy Ellis Road will be replaced to accommodate the proposed width of LA 447.

Hydrology

The design team will utilize the latest aerials and LiDAR information to delineate the overall drainage basin upstream of LA 447 and to determine the design storm frequency for this corridor. The team will determine the drainage basin size which will determine if Unites States Geological Survey (USGS) or Natural Resources Conservation Service (NRCS) method will be used to determine peak flows. The ArcGIS hydro tool will be utilized to estimate the other parameters and slope of the main channel. Chapter 3 of the DOTD Hydraulics Manual will provide guidance along with HYDR1130 portion of the DOTD HYDRWIN drainage software for determining the peak discharges of 2, 5, 10, 25, 50, 100, and 500-year storms.

Hydraulics

A HEC-RAS model of the Middle Colyell Creek Lateral Drainage Basin will be developed for the existing and improved bridge crossing utilizing the peak flows developed for multiple storm events. Since the creek is within FEMA Zone AE without floodways, the ultimate bridge hydraulic opening area, shape, and length will be determined through HEC-RAS to ensure the difference in water surface elevation (backwater) is one foot or less per Chapter 11 of DOTD Hydraulic Manual. The bridge low chord elevation will be set to meet the minimum freeboard requirement of DOTD: one foot for design WSE and clear for 100-year WSE.

Scour

Bridge scour analysis and countermeasure design will follow Chapter 11 of DOTD Hydraulics Manual. The scour design will be conducted on the lesser of 500-year storm and the bridge overtopping event. The bridge pier scour is the sum of contraction scour and local scour which are to be evaluated using FHWA HEC-18 equations. The bridge abutment scour is not calculated per DOTD requirements and instead revetment or riprap will

be designed to prevent abutment scour. During design, efforts will be made to minimize bridge scour, such as placing piers outside the main channel or aligning piers to the direction of flow. Appropriate countermeasures will be designed per FHWA HEC-23 and DOTD Hydraulics Manual requirements including riprap protection and Guide Banks.

Bridge Type

The LA 447 Bridge is an existing concrete bridge with asphalt overlay resting on timber caps and piles. After a site visit, it was apparent the structure has reached its lifespan. Several existing timber piles have been spliced over time to keep the bridge open and operational. The bridge design team will utilize the DOTD Bridge Manual along with BDTMs to determine if the bridge would either be a slab-span or LG girder bridge resting on concrete caps and concrete piles. The number of spans will be determined based on the final channel opening determined from the Hydraulic Study. The bridge will be within the 3-lane corridor portion of the project where the bridge would consist of two thru lanes and a continuous turn lane. Due to neighboring local side roads, building the bridge for just two lanes and transition back to three-lane roadway will not be feasible for both turning movements along the route.

POTENTIAL PROJECT DIFFICULTIES

As is the case with many projects, LA 447 has potential conflicts and issues that will be addressed during the design process. The design team will consult with DOTD as well as additional stakeholders to develop best-fit solutions for all parties involved.

Bridge at Buddy Ellis Road

There is an existing bridge on Buddy Ellis Road approximately 500 feet to the west of the intersection with LA 447. During the design of the roundabout at Buddy Ellis Road, Evans-Graves will make every effort to avoid impacting the existing bridge with the roundabout improvements.

Drainage

The majority of the project area is located in Flood Zone AE. Special care will be taken during the drainage design to affect the existing drainage patterns as little as possible. The vertical profile of the road may also need to remain at its current elevation. Investigation into the existing drainage patterns in the project area will be a top priority in the beginning stages of the project.

There is currently a significant outfall ditch, possibly a lateral of Colyell Creek, located in the area of O'Donovan Blvd. with an existing cross drain at Graham Lane. In an effort to determine the possibility of retaining the cross drain, its size will be analyzed and its condition noted. The outfall ditch will also be analyzed as part of the project.

Right-of-Way impacts related to drainage improvements may be a challenge during the design of this project. The design team will investigate the use of a subsurface drainage system to minimize R/W impacts in some areas, but subsurface drainage may not be cost-effective or suitable for the majority of the project corridor. An open ditch drainage system will more likely be utilized.

Utilities

Evans-Graves and the design team will consider effects to the existing utilities as part of the design. There are existing overhead transmission lines at Milton Ln./Miller Rd. and LA 447 intersection which may be affected by the planned improvements. The designer will take care to minimize the impacts as much as possible.

Additionally, there are potential sanitary sewer conflicts along LA 447. Discussions with Livingston Parish are imperative when investigating the sanitary sewer as there are existing lines in the area and individual package treatment plants which may discharge into the existing drainage system. The design team will also question the possibility of any planned sanitary sewer projects along this corridor in an effort to avoid future conflicts.

Existing Land Features

Richard Price Construction is located on the west side of LA 447 with their equipment yard located on the east side. Early discussions with Richard Price Construction about the widening may be prudent. Evans-Graves will search the environmental document to determine if the potential for contaminated soils in this area due to the equipment yard was addressed.

Plainview Baptist Church and Plainview Church Cemetery straddle Joe May Road at the LA 447 intersection. Evans-Graves will mitigate the potential project impacts the church and cemetery will have on the project by considering their locations in the beginning stages of the project.

Sequence of Construction

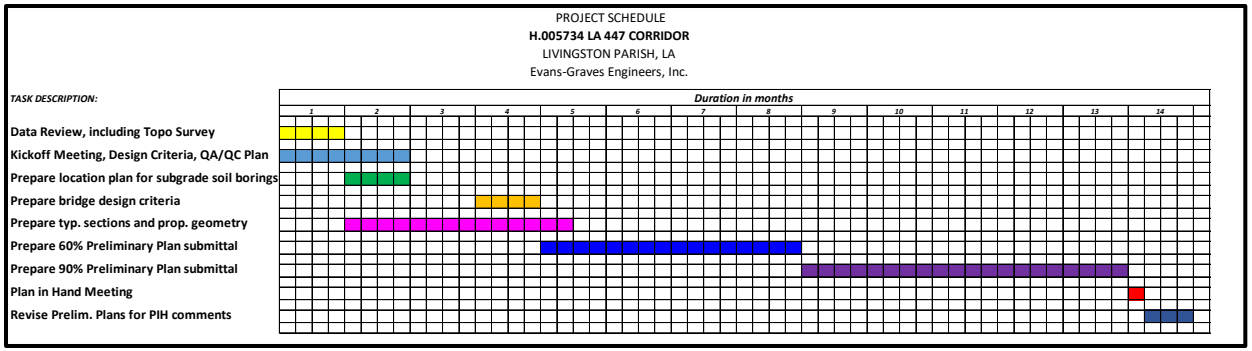
Sequence of Construction is always important on any existing roadway. Residential and commercial traffic on all effected roadways and intersections must be maintained. Road closure on LA 447 is not desirable. The design team will potentially utilize such tools as diversion roads, temporary signals, phased construction and possibly single lane closure as part of the sequencing for this project. Maintaining traffic across the existing bridge while constructing a new bridge will also be a challenge.

EXPERIENCE

As previously discussed, the LA 447 project will include a multilane roundabout at O'Donovan Blvd., and either a single lane or combination roundabout at Buddy Ellis Drive. In the past, Evans-Graves has had the privilege of designing multiple roundabouts for DOTD. ***One such roundabout was at the intersection of LA 1026 and Buddy Ellis Road in Livingston Parish, approximately three miles west of LA 447.*** LA 1026 is a four-lane divided highway, just like the planned typical section for LA 447. The roundabout is two lanes in the north-south direction on its west leg and is single lane in all other directions. The roundabout utilizes slip lanes to add/drop lanes, and was sequenced maintaining traffic on LA 1026 through the use of diversion lanes during construction.

Evans-Graves is currently at the 95% Final Plan stage of the LA 3241: I-12 to Bush project in St. Tammany Parish for DOTD. The project not only includes five roundabouts, all of which are combination multi-/single-lane, but also includes multiple directional u-turns in its four-lane divided with raised median section. Due to its proximity to I-12 and construction on an existing alignment at times, the project has a very complex sequence of construction.

In collaboration with LDOTD, Evans-Graves Engineers, Inc. Michael Baker International and Civil Design & Construction will apply their combined knowledge and experience to provide a practical and efficient design for the LA 447 Corridor project.



Prime consultant name**:**

EVANS-GRAVES ENGINEERS, INC.

19. **Workload:**

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid Balance**
Evans-Graves Engineers, Inc.	Road	H.004420	Bayou Barataria Bridge at Jean Lafitte / Route LA 302	$135,843
Evans-Graves Engineers, Inc.	Road	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	$33,733
Evans-Graves Engineers, Inc.	Bridge	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	$9,419
Evans-Graves Engineers, Inc.	Right-of-Way	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	$5,765
Civil Design & Construction, Inc.	Surveying	4400017597	Rural Bridge Replacement Initiative (Districts 03, 07, 61, & 62)	$4,335
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	$96,970
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	$246,123
Michael Baker International	Road	H.012030.5	US 371 : KCS RR Overpasses HBI	$279,497
Michael Baker International	Bridge	H.012030.5	US 371 : KCS RR Overpasses HBI	$279,497
Michael Baker International	Road	H.013797	LA 30: EBR PL-I-10	$135,500
Michael Baker	Bridge	H.013797	LA 30: EBR PL-I-10	$51,325

International				
Michael Baker International	Environmental	H.013797	LA 30: EBR PL-I-10	$199,705
Michael Baker International	Environmental	H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	$840,388
Michael Baker International	Road	H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	$95,000
Michael Baker International	Environmental	H.005168	NORG – Jefferson Highway EA, New Orleans, Louisiana Supplemental Agreement	$477,295
Michael Baker International	Other	Contract No. 4400019130 Task Order No. 1	IDIQ Contract for Statewide Aviation Program Update – Phase II Statewide	$36,591
Michael Baker International	Other	Contract No. 4400017092 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	$977,331
Michael Baker International	Other	Contract No. 4400017092 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	1,875,035
Michael Baker International	Other	Contract No. 4400017090 Task Order No. 2	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	$1,166,450
Michael Baker International	Other	Contract No. 4400017090 Task Order No. 3	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 4	$196,968
Michael Baker	CE&I/OV	Contract No.	Montgomery St. (LA 34 – I-20), City of West Monroe,	$58

International		4400015166 S.P. No. H.007288.6	Ouachita Parish	
Michael Baker International	CE&I/OV	Contract No. 4400014845 Task Order No. H.012018.6 S.P. No. H.012018.6	Adaptive Traffic Signal and Implementation, Lafayette Parish	$413,635
Michael Baker International	CE&I/OV	Contract No. 440001485 Task Order No. H.0003184.6 S.P. No. H.003184.6	IDIQ Contract for Construction Engineering and Inspection Services with majority of work in District 07, I-10: Texas State Line - E. of Coone Gully, Calcasieu Parish	$779,165
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6 S.P. No. H0.013271.6	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	$111,919
Michael Baker International	CE&I/OV	Contract No. 4400013851 Task Order No. H.013271.6-2 S.P. NO. H.013271.6-2	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I) Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	$19,226
Michael Baker	CE&I/OV	Contract No.	IDIQ Contract for Construction Engineering and Inspection	$10,697

International		4400013851 Task Order No. H.013271.6-3 S.P. NO. H.013271.6-3	Services for Safety Projects (CE&I) Tangipahoa PH Local Road Safety Upgrade, Tangipahoa Parish	
Michael Baker International	CE&I/OV	Contract No. 4400013841 Task Order No. H.012473.6 S.P. No. H.012473.6	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide Marconi Dr. Shared-Use Path	$24,861
Michael Baker International	CE&I/OV	Contract No.440001385 1 Task Order No. H.009308.6 S.P. No. H.009308.6F	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CE&I), Statewide New Orleans DPW SRTS Sidewalk Project	$114,750
Michael Baker International	CE&I/OV	Contract No.440001385 1 Task Order No. H.012527.6 S.P. No. H.012527.6	Local Road Safety Upgrade (W. Feliciana) West Feliciana Parish	$155,417
Michael Baker International	CE&I/OV	Contract No.440001385 1 Task Order No. H.013082.6 S.P. No. H.013082.6	Bootlegger Road Sidewalks St. Tammany Parish	$132,477

Michael Baker International	ITS	Contract No. 4400011253 S.P. No. H.011500.6	Retainer Contract for Intelligent Transportation Systems (ITS), Lake Charles ITS Phase 3	$6,864

20. **Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

21. **QA/QC Plan and/or Work Plan:**

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

See Attached QA/QC Plan.

22. **Sub-consultant information:**

Firm Name (as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
Michael Baker International, Inc.	2600 CitiPlace Drive, Suite 450 Baton Rouge, LA 70808	Daniel T. Thornhill, PE, Daniel.Thornhill@mbakerintl.com	(225) 218-2846
Civil Design & Construction, Inc.	PO Box 857 / 3251 Southern Pacific Rd. Port Allen, LA 70767	Karla E. Weston, PE kweston@cdcbr.com	(225) 765-1802

23. **Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.

Quality Assurance / Quality Control Plan
Contract for LA 447 Corridor

Purpose and Introduction

It is the purpose of this document to outline a procedure for performing bridge design Quality Assurance / Quality Control for the LADOTD Contract for LA 447 Corridor project. It is the policy of Evans-Graves Engineers, Inc. (EG) to provide quality professional services in satisfying our clients' needs. Quality professional services are at the heart of the continuing success of EG and shall remain a primary responsibility of every member of the EG organization. This document will outline the specific roles and responsibilities of each member as they pertain to QA and QC and will specifically address the details of the design, check, and review of the bridge calculations and all construction drawings.

Description of the Contract for LA 447 Corridor Project

The LA 447 Corridor project consists of replacing an existing 60' long bridge structure approximately 1,400' south of the Buddy Ellis Rd. and LA 447 intersection. The bridge is an existing concrete bridge with asphalt overlay resting on timber caps and piles. The structure has reached its lifespan, with several existing timber piles having been spliced over time to keep the bridge open and operational. During the design process, the bridge design team will utilize the DOTD Bridge Manual along with BDTMs to determine the type of replacement bridge to be designed. In addition to hydraulic analysis, scour analysis, and structural design of the replacement bridge structure, the project will also include topographic survey, environmental analysis, and right of way mapping as needed.

Definitions

Design Quality Control (QC): A procedure for checking the accuracy and consistency of the calculations, drawings, and reports, detecting design omissions and errors before the design plans are finalized, and verifying that the appropriate and most up-to-date specifications for the load-carrying members are used in the design. QC refers to those actions, procedures, and methods that should be routinely employed at the project level under the jurisdiction of the Project Manager. Evans-Graves is fully responsible for the QC of our work and LADOTD is not responsible for performing QC on our work.

Design Quality Assurance (QA): A procedure for reviewing the work to ensure the QC procedures are in place and effective in preventing mistakes, and ensuring consistency in the development of bridge design calculations, plans, and reports. QA refers to those actions, procedures, and methods to be employed at the corporate level under the

jurisdiction of the Reviewer. Evans-Graves is fully responsible for the QA of our work and LADOTD is not responsible for performing QA on our work.

Member Roles and Responsibilities

Quality professional services are achieved through the efforts of properly qualified professionals employing their skills effectively to produce quality results, following a deliberate program of quality control and quality assurance. Listed below are the specific roles and responsibilities of the personnel working on the LA 447 Corridor project.

Project Manager: The Project Manager's responsibilities are to organize and to ensure the performance of the services under the contract, apply resources, and monitor progress to produce quality professional services on time and within budget. Thus, the Project Manager is the operative individual responsible for producing the project deliverables to a quality consistent with the intent of the client as indicated by the terms of the client contract and consistent with applicable standards of practice.

Gerald "Gerry" Menard, P.E. will serve as Project Manager on this project. He is a licensed professional engineer in the state of Louisiana and has 44 total years of experience as an engineer. He has 31 years of experience as a project manager on similar bridge and roadway projects.

Mr. L.R. "Eric" Erikson, P.E. will assist Mr. Menard when necessary. Mr. Erikson is licensed in the state of LA and has 24 total years of experience as an engineer and 16 years as chief civil engineer for Evans-Graves Engineers, Inc.

Designer: The designer is a licensed individual with substantial experience working on other projects similar in complexity. The designer may also be a checker but not on the same element of design. The designer may be an E.I., but will always be under the direct supervision of a licensed individual with substantial experience working on other projects similar in complexity.

The designer is responsible for the development of design calculations, drawings, and reports, and making sure his/her calculations are accurate and meet the design criteria for the project.

Evans-Graves Engineers' sub-consultant, Michael Baker International, will assist the project team with the performance of all bridge design for this work.

Philip Walker, P.E., has been selected by the Project Manager to be the lead bridge designer for this project. He is licensed in the state of LA, has 31 total years of experience, and has been a designer on several similar bridge replacement and design projects for LADOTD and several other agencies over the past 15 years.

Mr. Walker will be assisted in all bridge design by Jeffery McRae, P.E. Mr. McRae is a Louisiana-licensed professional engineer with over 24 years of relevant bridge design experience, including recent bridge replacement design for LADOTD under the US 371 KCS Overpasses project. Additional assistance, if needed, may be provided by Daniel Thornhill, P.E., a Louisiana-licensed transportation engineer with over 10 years of bridge design experience for agencies that have included LADOTD.

Checker: The checker is a licensed individual with substantial experience working on other projects similar in complexity. The checker may also be a designer but not on the same element of design. The checker may be an EI, but will always be under the direct supervision of a licensed individual with substantial experience working on other projects similar in complexity.

The Checker is responsible for performing a full technical check of design calculations, drawings, and reports.

Daniel Thornhill, P.E. will function as checker for this project when not in the designer role. Mr. Menard will also serve as a checker.

Reviewer: The reviewer is responsible for performing QA procedures assuring that the QC procedures have been performed.

The Reviewer will review the Check Prints and Checking Copies of the Calculations to ensure that the QC procedure was followed and documented properly.

L.R. “Eric” Erikson, P.E. will serve as reviewer for this project. He is a licensed engineer in the state of LA and has 24 total years of experience. He has designed, managed, and performed QC/QA functions on several projects throughout his career in addition to his project management experience.

Engineer of Record (EOR): The Engineer of Record is an individual responsible for all bridge structural design aspects of the design of the structure including the design of all the bridge’s systems and components. The Engineer of Record is a licensed professional and seals and signs the final contract plans.

Lisa Blanchard, P.E., will serve as EOR on this project.

Maintenance of Records

The Quality Control and Quality Assurance Plan shall be kept readily available in the office.

The LADOTD Bridge Design Manual, AASHTO LRFD Bridge Design Specifications, and other reference manuals shall be kept readily available in the office.

All meeting minutes shall be recorded during the meeting, typed and sent to the meeting attendees promptly following the meeting. Meeting minutes shall be stored in the project file. All LADOTD design comments and responses shall be organized and stored in the project file.

Design Quality Control Procedure for Preparing and Checking Final Bridge Design Calculations

1. Label each sheet of computations with the Designer's initials, date, job number, job name, and sheet number. Indicate portion of project being designed in the upper right hand corner of each sheet below the title block. For example: Boc Culvert Structure, Slab Span Deck Design, etc. Normally, design and quantity calculations are not combined.
2. Design Calculations shall be divided into smaller manageable components. A component of a project shall be checked promptly upon completion of calculations.
3. The Designer shall make a copy (checking copy) of the calculation set and give to the Checker. The originals shall then be placed in a designated binder or folder in a convenient location which can be accessed by the entire design team.
4. The Checker shall fill in the checking copy headings with initials and date in red. All errors and disagreements shall be marked in red.
5. The Checker shall promptly return the checking copy to the designer for review. If the Designer agrees with the Checker, then the Designer shall put a green check on the red marks. When the Designer and Checker disagree, then the Project Manager shall resolve the difference.
6. The Designer shall revise the originals and return the originals and the checking copy to the Checker for the Checker's initials and date to be placed on the original.
7. The originals shall immediately be placed back into the calculation folder or binder. The checking prints are kept in a separate binder in the permanent design file with the original calculations.
8. Upon project completion, the Project Manager will have a neatly organized, signed-as-checked set of original calculations. The originals shall never leave the design office. If the client requires calculations, he shall be given a copy of the completed sheets.

The goal of this standard procedure shall be to assure that checking is being performed as the project design is progressing and not being done as a last step near project completion. Any exceptions to the standard procedure must be approved by the Project Manager.

Design Quality Control Procedure for Preparing and Checking Final Construction Drawings

1. Normally, the plan sheets shall be originated by the Designer, preferably after the design calculations have been checked. It is acceptable to begin detailing while the calculations are being checked.
2. After first draft of drawing is provided, the Designer shall review and mark-up the drawing as necessary.
3. Drafter shall revise by marking completed changes with blue highlighter on markup sheet. Drafter shall make a new plot and review to verify that all markups have been adequately addressed. Drafter shall return markup and new plot to Designer. This drafting quality control procedure shall apply to all subsequent markups. These sheets do not have to be kept.
4. The Designer shall stamp the new plot (Check Print) with a Check Print stamp (see Figure 1) and provide to the Checker. The Checker shall verify that the information provided matches the checked calculations. The Checker shall yellow highlight all correct information and mark all errors/disagreements in red. The Checker shall also verify that all necessary information is provided. The Checker shall then initial and date the *checked* line on the Check Print stamp as well as the line reading *dwg checked against calcs and calc check confirmed*. The Check Print shall then be returned to the Designer.
5. If the Designer agrees with the Checker, then the Designer shall put a green check on the red marks. The Designer shall then initial and date the *backchecked* line on the Check Print stamp. When the Designer and Checker disagree, then the Project Manager shall resolve the difference.
6. The Drafter shall then make all necessary changes as marked on the drawing. He/she shall mark each change in blue highlighter and initial and date the *corrected* line on the Check Print stamp.
7. The Drafter shall return the Check Print to the Designer or the Checker who will verify all changes have been made. The Designer or the Checker will then initial and date the *verified* line on the Check Print and the Check Print is now complete. It shall be kept with all the other Check Prints as a record in the permanent design file.
8. After the Check Print is complete, the final plot shall be signed in pen.

No:_____Date:_____
Dwg. checked against calcs and calc check confirmed
by:_____Date:_____
Checked:_____Date:_____
Backchecked:_____ Date:_____
Corrected:_____ Date:_____
Verified:_____Date:_____

Figure 1: Check Print Stamp

Design Quality Assurance Procedure

The Reviewer will fill out the QA checklist at each submittal phase to ensure that the QC procedures were properly followed. The QA checklist is at the end of this document. It will be signed and dated by the Reviewer and filed in the permanent design file.

Evans-Graves will ensure that the Quality Control Procedure outlined in this document is also followed by its Subconsultants.

The QA program documentation will be furnished to LADOTD as necessary upon request.

Independent Peer Review

Since this project is not unusual or complex, an independent peer review is not necessary.

QC/QA for Design Activities after Final Plans are Signed by LADOTD Chief Engineer

The same QC/QA procedures outlined in this document shall apply to all design activities such as plan revisions, change orders, etc., occurring after the final plans are signed by Chief Engineer.

Consultant Submittal QC/QA Certification

Each submittal shall have with it the signed and dated QC/QA certification form. The Project Manager shall sign this form stating that he certifies that the information included in the submittal has been prepared in accordance with the QC/QA plan documents and LADOTD Bridge Design Section Policy on QC/QA and the information presented is accurate and meets the requirements of the submittal. Also, the Project Manager certifies that all CAD drawings meet LADOTD CAD standards.

Documentation Manual for Project Delivery

Each submittal shall include a Documentation Manual for Project Delivery. It shall contain all the phase review requirements and checklists. When completed, it will provide for a well-documented project development process.

Quality Assurance Checklist

Contract for LA 447 Corridor Project

Reviewer:_____

Date:_____

Project Phase:_____

_____ The Design Quality Control Plan is available in the office.

_____ The LADOTD Bridge Design Manual, LADOTD Roadway Manual, LADOTD Hydraulics Manual, LADOTD Specifications for Roads and Bridges, and other reference manuals are stored readily available in the office.

_____ All Calculations are properly documented with job title, job number, page number, designer's initials and date, and checker's initials and date.

_____ There are copies of the drawings stamped as "Check Prints" and stored in a readily available spot in the office.

_____ The Check Prints' stamps are filled out with the proper initials and dates.

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

John Bel Edwards, Governor
Shawn D. Wilson, Ph.D., Secretary

April 11, 2022

Civil Design & Construction, Inc.
Attn: Karla Weston
PO Box 857
Port Allen, LA 70767

Dear Karla Weston:

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

NC541330-Engineering Services
C05-Structural Engineering
C09-Civil Engineering
NC541340-Drafting Services
C03-Drafting
NC541350-Building Inspection Services
C21-Construction Inspections
NC541370-Surveying and Mapping (except Geophysical) Services
C06-Land Surveying
C12-Right-of-Way
727-Mobilization
740-Construction Layout
CSL-Construction Layout Design

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2023.** However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

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

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

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

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

Respectfully,

Rhonda Wallace

Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

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 2022 to March 2023

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