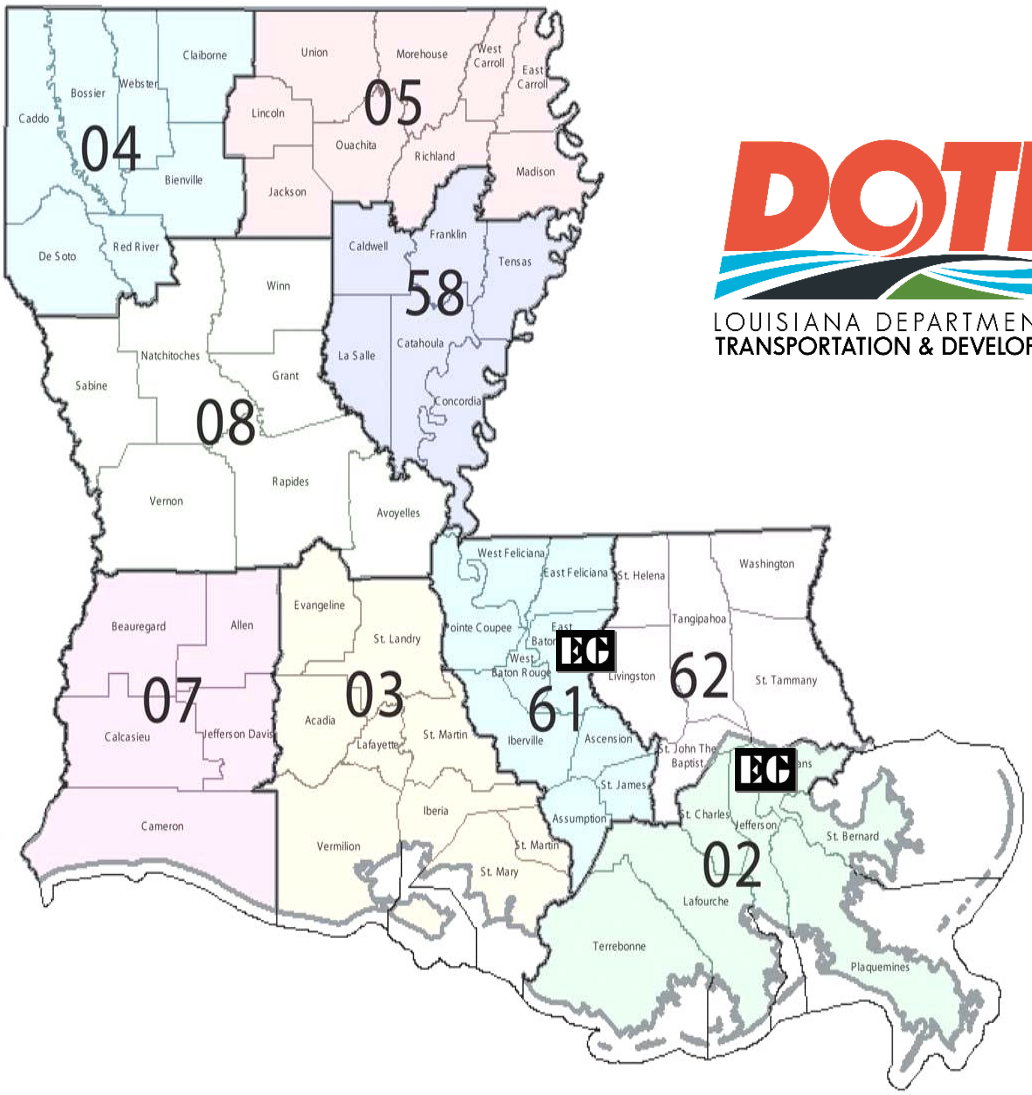


LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

Contract No. 4400031039

EVANS-GRAVES ENGINEERS, INC.

9029 Jefferson Highway, Suite 200
Baton Rouge, LA 70809

in association with

SJB Group
Michael Baker INTERNATIONAL
Gresham Smith
VECTURA

February 25, 2025

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

John A. Graves, P.E., P.L.S. (1941-2021)
Ashlyn A. Graves, President
Gerald G. Menard, 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.
Logan P. Betzer, E.I.
Alexander J. Young, E.I.
Zachary P. Hebert, E.I.

February 25, 2025

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

Re: IDIQ Contract for Roadway Design Services Statewide
Contract No. 4400031039

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 DOTD's solicitation of February 3, 2025 requesting as-needed engineering services in support of roadway design to prepare Preliminary and Final Roadway Plans and associated services for roadway projects statewide (Contract No. 4400031039). Evans-Graves has successfully performed roadway design work under similar IDIQ contracts for both LADOTD and local governments with LADOTD oversight. As such, we believe that we are uniquely qualified to perform this work for LADOTD.

Within this submittal of qualifications, Evans-Graves personnel exceed the minimum manpower requirements and have recent and relevant LADOTD and similar experience to successfully complete any tasks assigned under this contract 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 Evans-Graves is well qualified for this work.

Evans-Graves Engineers, Inc. hereby commits its total resources and 71 years of experience to the DOTD. 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 all assigned tasks under this project. Thank you for your consideration.

Sincerely,
EVANS-GRAVES ENGINEERS, INC.

Ashlyn Graves

Ashlyn A. Graves
President

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

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

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	**IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE**
2. Contract Number(s) as shown in the advertisement	**4400031039**
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	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 Licensed 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	Lisa A. Blanchard, P.E. *Chief Transportation Engineer* (225) 926-1620 lblanchard@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

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

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

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

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

2/25/2025

Date:

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

Firm(s):	Firm(s)' %:
Vectura Consulting Services, LLC	5.0%

12. <u>Discipline Table:</u>
As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

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

Discipline(s)	% of Overall Contract	Prime *Evans-Graves Engineers, Inc.*	Firm B *Michael Baker International, Inc.*	Firm C *Gresham Smith*	Firm D *Vectura Consulting Services, LLC*	Firm E *SJB Group, L.L.C.*	Each Discipline must total to 100%
Road	75.00%	58.00%	25.00%	17.00%	0.00%	0.00%	**100%**
Survey	15.00%	50.00%	0.00%	0.00%	0.00%	50.00%	**100%**
Traffic	10.00%	0.00%	0.00%	50.00%	50.00%	0.00%	**100%**
Identify the percentage of work for the **<u>overall contract</u>** to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	**100%**	51.00%	18.75%	17.75%	5.00%	7.50%	100.00%

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.
The DOTD Job Classification(s) to be used can be found at the following link:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

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	2
Evans-Graves Engineers, Inc.	Supervisor - Eng	2	4
Evans-Graves Engineers, Inc.	Supervisor - Other	1	1
Evans-Graves Engineers, Inc.	Engineer	8	9
Evans-Graves Engineers, Inc.	Engineer Intern	1	1
Evans-Graves Engineers, Inc.	Environmental Manager	0	2
Evans-Graves Engineers, Inc.	Senior Technician	1	1
Evans-Graves Engineers, Inc.	Surveyor	2	2
Evans-Graves Engineers, Inc.	CADD Technician	1	1
Evans-Graves Engineers, Inc.	CADD Operator	2	4
Evans-Graves Engineers, Inc.	Party Chief	2	3
Evans-Graves Engineers, Inc.	Rodman	2	3
Michael Baker International, Inc.	Clerical	0	2
Michael Baker International, Inc.	Biologist/Wetlands	0	3
Michael Baker International, Inc.	Engineer	3	5
Michael Baker International, Inc.	Engineering-Aide	0	2

Michael Baker International, Inc.	Engineer Intern	2	10
Michael Baker International, Inc.	Engineer – Other	0	10
Michael Baker International, Inc.	Environmental Pro	0	3
Michael Baker International, Inc.	GIS Analyst	0	2
Michael Baker International, Inc.	Principal	1	2
Michael Baker International, Inc.	Senior Technician	0	5
Michael Baker International, Inc.	Supervisor – Eng	2	3
Michael Baker International, Inc.	Technician	0	6
Gresham Smith	Clerical	1	1
Gresham Smith	Engineer	4	12
Gresham Smith	Engineer Intern	4	12
Gresham Smith	Planner	1	1
Gresham Smith	Principal	1	1
Gresham Smith	Professional	1	4
Gresham Smith	Senior Technician	2	6
Gresham Smith	Supervisor - Eng	4	8
Vectura Consulting Services, LLC	Supervisor - Eng	2	2
Vectura Consulting Services, LLC	Engineer	3	3
Vectura Consulting Services, LLC	Engineer Intern	0	2
Vectura Consulting Services, LLC	Senior Technician	0	2
Vectura Consulting Services, LLC	Supervisor - Other	0	1
Vectura Consulting Services, LLC	Technician	0	1

Vectura Consulting Services, LLC	Clerical	0	1
SJB Group, L.L.C.	Surveyor	2	5
SJB Group, L.L.C.	Engineer	1	6
SJB Group, L.L.C.	Party Chief	2	6
SJB Group, L.L.C.	CADD Technician	1	1
SJB Group, L.L.C.	Engineer Intern	0	1
SJB Group, L.L.C.	Landscape Architect	0	1
SJB Group, L.L.C.	Technician	0	1
SJB Group, L.L.C.	Rodman	0	1
SJB Group, L.L.C.	Principal	0	1
SJB Group, L.L.C.	Instrument Man	0	2
SJB Group, L.L.C.	Administrative	0	4
SJB Group, L.L.C.	Supervisor - Eng	0	2
SJB Group, L.L.C.	CADD Drafter	0	1
SJB Group, L.L.C.	CADD Operator	1	3
SJB Group, L.L.C.	Senior Technician	2	4
SJB Group, L.L.C.	Supervisor - Other	1	1

(Add rows as needed)

14. Organizational Chart:

EVANS-GRAVES ENGINEERS, INC.

Lisa A. Blanchard, P.E. (EG)
Project Manager

Gerry G. Menard, P.E. (EG)
Principal-in-Charge / QA/QC

ROADWAY DESIGN TEAM 1

- Zachary P. Hebert, P.E. (EG) — *Transportation Engineer*
- P. Stephen Lundgren, Jr., P.E. (EG) — *Project Engineer / Principal*
- Keith M. Meyer, P.E. (EG) — *Project Engineer / Structural Engineer*
- Wesley S. Roy, P.E. (EG) — *Project Engineer*

ROADWAY DESIGN TEAM 2

- Daniel Thornhill, P.E. (MBI) — *Sr. Roadway Engineer*
  - Brandon Pitre, P.E., PTOE, RSP1 (MBI) — Roadway Design Support
- RIchard Savoie, P.E. (GS) — *Sr. Roadway Engineer*
  - Brennon Hughes, P.E. (GS) — *Project Manager*
  - Ronnie Robinson, P.E. (GS) — *Sr. Transportation Engineer*
  - Greg Williams, P.E. (GS) — *Sr. Transportation Engineer*
  - Michael Joyner, P.E., RSP1 (GS) — *Transportation Engineer*
  - Matthew Cho, P.E. (GS) — *Project Engineer*
  - Zillah Zoleta, E.I. (GS) — *Engineer Intern*
  - Jacob Dillard (GS) — *Engineering Technician*

BRIDGE / STRUCTURAL / FOUNDATIONS

- Jeffrey McRae, P.E. (MBI) — *Sr. Bridge Design Engineer*
- Shalin Sheth, P.E. (MBI) — *Bridge Design Support*
- John Weres, P.E. (GS) — *Sr. Structural Design Engineer*
- Courtney Rome, P.E. (GS) — *Bridge Engineer*

HYDRAULICS DESIGN TEAM

- L.R. "Eric" Erikson, P.E., CFM (MBI) — *Hydraulics Design Lead*
- Justin West, P.E. CFM (MBI) — *Hydraulics Design Support*
- Afaq Ahmad Durrani, E.I. (MBI) — *Hydraulics Design Support*

SURVEY TEAM 1

- Max O. Usrey, III, P.E., PLS (EG) — *Sr. Project Surveyor*
- Brett D. Blanchard, P.E., L.S.I. (EG) — *Land Surveyor Intern*
- Michael L. Roberts (EG) — *Sr. CADD Technician*

SURVEY TEAM 2

- Charles "Tim" Brewer, PLS, PS, RPLS, LS, PS, RF (SJB) — *Survey Project Manager*
- Colby Mire, PLS (SJB) — *Surveyor*
- Phillip Dowden (SJB) — *Mobile LiDAR Specialist / Survey Technician*
- John Burleigh (SJB) — *Survey Technician*
- Elvis Nguyen (SJB) — *Field Crew Manager*
- Erick Kidder (SJB) — *Party Chief*
- Duke Koontz (SJB) — *Party Chief*
- Tyler Foster (SJB) — *CADD Technician*

TRAFFIC DESIGN TEAM 1

- Herbert "Bert" Moore, II, P.E., PLS, PTOE* (GS) — *Traffic Design Lead*
- Alben Cooper, III, P.E., PTOE* (GS) — *Senior Traffic Engineer*
- Rebecca Murray, P.E., PTOE, RSP1* (GS) — *Traffic Engineer*
- Kofi Ampofo-Twumasi, E.I. (GS) — *Engineer Intern*

TRAFFIC DESIGN TEAM 2

- Sheelagh Brin Ferlito, P.E., PTOE* (V) — *Traffic Signal Design Lead*
- Laurence Lucius Lambert, II, P.E., PTOE, PTP* (V) — *Data Collection and TMP Supervisor*
- Reece Rodrigue, P.E., PTOE, RSP1* (V) — *Project Engineer - Traffic*
- Kristen Farrington, P.E., PTOE, RSP1* (V) — *Project Engineer - Traffic*

ELECTRICAL DESIGN

- Christina Florez, P.E. (GS) — *Electrical Engineer*
- Julian Bordelon, P.E. (GS) — *Electrical Engineer*

SUE

- Austin LaCombe, P.E. (SJB) — *SUE Engineer*
- Marshall Pounds (SJB) — *Sr. Sue Technician*

KEY

EG	=	Evans-Graves Engineers, Inc.
MBI	=	Michael Baker International, Inc.
GS	=	Gresham Smith
V	=	Vectura Consulting Services, LLC
SJB	=	SJB Group, L.L.C.

EVANS-GRAVES ENGINEERS, INC.

15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Gerald G. Menard, P.E.	Evans-Graves Engineers, Inc.	PE #20437 – Civil	LA	3/31/2027
2	Gerald G. Menard, P.E. Lisa A. Blanchard, P.E.	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE #20437 – Civil PE #32916 – Civil	LA LA	3/31/2027 3/31/2025
3	Gerald G. Menard, P.E. Lisa A. Blanchard, P.E.	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE #20437 – Civil PE #32916 – Civil	LA LA	3/31/2027 3/31/2025
4	Max O. Usrey, P.E., P.L.S. Tim Brewer, P.L.S.	Evans-Graves Engineers, Inc. SJB Group, L.L.C.	PLS #4737 – Survey PLS #5009 - Survey	LA LA	9/30/2025 9/30/2025
5	Rebecca Murray, P.E., PTOE, RSP1 Alben Cooper, III, P.E., PTOE Sheelagh Brin Ferlito, PE, PTOE Laurence Lambert, PE, PTOE, PTP	Gresham Smith Gresham Smith Vectura Consulting Services, LLC Vectura Consulting Services, LLC	PTOE #4861 PTOE #3206 PTOE #932 PTOE #1301	Intl. LA LA LA	3/26/2026 3/31/2026 9/9/2027 2/3/2028

(Add rows as needed)

16. Staff Experience:

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Lisa A. Blanchard, P.E.**		Years of relevant experience with this employer	19
Title	Chief 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.32916 / Louisiana / 3/31/2025	
Year registered	2007	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Manager. Lisa will serve as point-of-contact to the DOTD PM and will serve as PM on all task orders assigned to the team.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/23 - Present	**4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03** Ms. Blanchard serves as the **project manager** and **lead design engineer** for this **retainer contract for roadway design services, consisting of three (3) assigned task orders** to date. Duties include **coordination of subconsultants**, **QC**, and **project scheduling**. Task orders include preparation of **preliminary** and **final plans** for: the **mill and overlay** of LA 347, including **patching of the failed base course**, along with **drainage improvements** to remediate/supplement the sub-surface drainage; the **addition of turn lanes** from LA 182 onto Duchamp Road, including **milling and overlay**; and the **mill and overlay** of the existing roadway and shoulders on US 90 along with **drainage** and **intersection improvements**. EG Fee: $976.9K
06/14 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish** 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.
09/22 - Present	**MOVEBR: Mickens Road (Hooper Road to Joor Road), Baton Rouge, LA** **Project engineer** and **lead designer** for the performance of a **design study**, **construction plans**, **cost estimates**, and **construction phase support** for **capacity improvements** to approximately **2.8 miles** of the Mickens Road corridor. As part of this work, Ms. Blanchard has overseen the performance of **topographic surveys** using Evans-Graves' in-house survey crews. Design work has included studies and design for the incorporation of **Complete Streets** features for the corridor, including the design of a **new ADA-compliant sidewalk** and **multi-purpose pathway** to potentially be included in the project's final design.

07/17 – Present	**Move Ascension: Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA** Project Engineer under a task order based contract to provide professional engineering services for roadway projects to improve traffic congestion in Ascension Parish. 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	**Move Ascension: 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.
05/14 – 03/18	**4400004357: Retainer Contract for Traffic Engineering Management Roadway Projects Statewide** Ms. Blanchard served as the **project 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. Specific duties performed by Ms. Blanchard included production of **preliminary** and final **plans**, **typical roadway sections** including details for **pavement structure** (designed by LADOTD) to comply with designated **roadway classifications**, **roadway** and **intersection horizontal geometry** and **vertical profile**, and **QC** of **drainage design** and **sequence of construction design**, including **plan checking** and **quantity determination**.
12/03 – 03/11	**700-30-0051: US 167 (Winnfield to LA 1236), Winn Parish, LA** 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**. Ms. Blanchard also contributed to the **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	 **Gerry G. Menard, P.E.**		Years of relevant experience with this employer	34
Title	Principal / Sr. 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.20437 / Louisiana / 3/31/2025		
Year registered	1983	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Principal-in-Charge / 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 years of experience specified in the applicable MPR(s).
01/23 - Present	**4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03** Mr. Menard serves as the **supervising engineer** for this **retainer contract for roadway design services, consisting of three (3) assigned task orders** to date. Task orders include preparation of **preliminary** and **final plans** for: the **mill and overlay** of LA 347, including **patching of the failed base course**, along with **drainage improvements** to remediate and/or supplement the sub-surface drainage; the **addition of turn lanes** from LA 182 onto Duchamp Road, including **milling and overlay**; and the **mill and overlay** of the existing roadway and shoulders on US 90: Scott C/L – (Former) LA 182 along with **drainage** and **intersection improvements**. EG Fee: $976.9K
06/14 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish** 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	**H.004420: 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	**H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA** As Project Manager on Phase 1, Mr. Menard was 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. On Phase 2, Mr. Menard will assist with the **QA/QC** of plans and specifications. 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	**Move Ascension: 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	**MOVEBR: 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** 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	 **Zachary P. Hebert, P.E.**		Years of relevant experience with this employer	5
Title	Transportation Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			BS / 2020 / Civil Engineering	
Active registration number / state / expiration date			PE.49607 / Louisiana / 3/31/2025	
Year registered	2024	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Transportation Engineer. Zach will assist the design team with the development of roadway and drainage plans.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/23 - Present	**4400024832: Retainer Contract for Roadway Design Services, District 03, LADOTD District 03** Mr. Hebert serves as **project engineer** for this **retainer contract for roadway design services, consisting of three (3) assigned task orders** to date. Mr. Hebert is assisting the design team with all necessary engineering and related services required to keep these task orders **on schedule** and **under budget**. Task orders include preparation of **preliminary** and **final plans** for: the **mill and overlay** of LA 347, including **patching of the failed base course**, along with **drainage improvements** to remediate and/or supplement the sub-surface drainage; the **addition of turn lanes** from LA 182 onto Duchamp Road, including **milling and overlay**; and the **mill and overlay** of the existing roadway and shoulders on US 90: Scott C/L – (Former) LA 182 along with **drainage** and **intersection improvements**. EG Fee: $976.9K
07/20 - Present	**H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish** Transportation engineer 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	**Move Ascension: Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA** Mr. Hebert serves as transportation engineer 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	**H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA** Mr. Hebert serves as transportation engineer 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**.

09/22 - Present	**MOVEBR: Mickens Road (Hooper Road to Joor Road), Baton Rouge, LA** Transportation engineer for the performance of a **design study**, **construction plans**, **cost estimates**, and **construction phase support** for **capacity improvements** to approximately **2.8 miles** of the Mickens Road corridor. Design work has included studies and design for the incorporation of **Complete Streets** features for the corridor, including the design of a **new ADA-compliant sidewalk** and **multi-purpose pathway** to potentially be included in the project's final design.
04/21 - Present	**MOVEBR: North Blvd. Corridor Enhancement (I-110 to Foster/Florida), Baton Rouge, LA** Mr. Hebert serves as transportation engineer 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	 **P. Stephen Lundgren, Jr., P.E.**		Years of relevant experience with this employer	20
Title	Chief Civil Engineer		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization			MS / 1994 / Civil Engineering with H&H Specialization BS / 1992 / Civil Engineering	
Active registration number / state / expiration date			PE.28222 / Louisiana / 3/31/2023	
Year registered	1999	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Engineer / Principal. Responsible for project staffing to ensure all schedules are met.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/18 - Present	**H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA** Mr. Lundgren serves as **Project Manager** and is responsible for the supervision and coordination of **preliminary** and **final design**, engineering services during **bidding** and **construction**, **topographic surveying**, and **permitting** for the redesign of LA 52 using LADOTD **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 **H&H design**, **drainage improvements**, and **Complete Streets** design along LA 52. As part of this work, Mr. Lundgren also oversaw the performance of a **Stage 1 Environmental Assessment** for the project under a separate contract. This project is being designed in accordance with **FHWA** and **LADOTD** design standards. Construction Cost: $9.26m
12/12 - Present	**Read Blvd. East Neighborhood (Groups A, B, E, F), Orleans Parish, LA** Mr. Lundgren is the **project manager** and **chief design engineer** for the project, which involves removal and **reconstruction** of heavily-damaged areas or **repairs**, **adjustments**, and **modifications** to lightly-damaged areas in the Read Blvd. East neighborhood, which consists of nearly **90 residential streets**. The project includes a total of nearly **6 miles** of **new** or **rebuilt roadway** (**concrete**, **asphalt**, and **composite**) and **curbs**, including **hydrologic & hydraulic design report**, design of **surface** and **subsurface drainage facilities**, new **subsurface water** and **sewer mains** and **service lines**, rebuilt **sidewalks** and **driveways**, and **ADA compliant curb ramps** for the handicapped at all intersections, including medians. Mr. Lundgren's duties have involved coordinating **surveys**, coordinating with the various **City departments**, the **SWBNO**, **FEMA**, and other interested parties to ensure compliance with their requirements, preparing **design reports**, preparing **bid documents** including **plan drawings**, **technical specifications**, and **bid forms**, preparing **construction cost estimates**, and providing **construction administration** and **resident inspection** services. The estimated construction cost of the project is $19,000,000.
05/17 – 05/20	**Reconstruction of Michoud Blvd. (Chef Menteur to Dwyer), Orleans Parish, LA** Mr. Lundgren served as the **project manager** and **chief design engineer** for the project, which involved **removal** and **reconstruction** of nearly **1 mile** of **roadway** (**concrete** with **asphalt alternate**) and **curbs**, including new **subsurface drainage**, **utility relocations** including water and sewer mains, structures, and service lines, **tree protection**, **striping** and **markings** for

	multi-use facility sharing, **traffic control** and **detour plans**, **temporary construction plans**, **rebuilt sidewalks** and **driveways**, and **ADA compliant curb ramps** for the handicapped. Mr. Lundgren's duties included **coordinating surveys**, preparing **hydraulic/hydrologic model** runs and analyses of the existing and proposed conditions and developing the new **subsurface drainage system**, presenting the results of the preceding in a **drainage report**, developing **new roadway grade profiles** to coordinate with the new surface drainage collection system in accordance with model runs, coordinating with the various **City departments**, the **SWBNO**, and other interested parties to ensure compliance with their requirements, preparing **bid documents** including **plan drawings,** technical **specifications**, and **bid forms**, preparing a **construction cost estimate**, and providing **construction administration** and **resident inspection** services. Michoud Blvd. was a bond funded project. Construction of the project was completed in 2019. Construction Cost: $4.07m
12/24 - Present	**James L. Hunt Road Improvements, Southern University, Baton Rouge, LA** **Project Manager**. Mr. Lundgren oversaw the performance of **engineering** and **design services** for the development of **final plans** and **bid documents** for the rebuild of James L Hunt Road serving the Southern University Agricultural Center campus. Design included **asphalt mill and overlay** for approximately **0.5 miles** of **two lane roadway** with **new striping** and **driveway transitions**. Additional services performed by Mr. Lundgren will include **construction bidding** and **construction administration**. EG Fee: $54.7K
02/10 – 02/12	**Plaquemines Parish Curbs and Sidewalks Replacement, Plaquemines Parish, LA** Mr. Lundgren served as **Project manager** and was responsible for the supervision and coordination of this **CDBG grant-funded project**. Tasks included **design**, **site assessment**, coordination of **topographic survey**, **permitting**, **grant application**, **plans** and **specifications**, **cost estimating**, **bidding**, **construction administration**, and **inspection** of new construction for damaged or missing integral **concrete curbs** and **concrete sidewalks** along **4,330 feet** of **LA Hwy. 23** in Port Sulphur, **13,800 feet** of **LA Hwy. 11** in Buras, and **local streets** in the Braithwaite Park Subdivision. Construction Cost: $950k
2006 - 2009	**Brewster Road Widening, Mandeville, LA** Mr. Lundgren served as a project engineer for the **conceptual planning** of a **five-mile roadway** and the **design** and **construction documents** of **two miles** of that roadway to **improve an overloaded rural road** to **eliminate flooding** and **ease traffic conditions** on a major east-west connector in West St. Tammany Parish. Total construction cost: $1.3m

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Keith M. Meyer, P.E.**		Years of relevant experience with this employer	20
Title	Civil / Structural Engineer		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			BS / 1985 / Civil Engineering	
Active registration number / state / expiration date			PE.24638 / Louisiana / 9/30/2026	
Year registered	1992	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Engineer / Structural Engineer. Keith will provide roadway and structural design support.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/18 - Present	**H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA** Mr. Meyer serves as **project engineer** and performing **preliminary** and **final design** for the redesign of LA 52 using LADOTD **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. As part of this work, Mr. Meyer performed drainage calculations and roadway grade profiles. This project was **partially grant funded** and is being designed in accordance with **FHWA** and **LADOTD** design standards. Construction Cost: $9.26m
12/12 - Present	**Read Blvd. East Neighborhood (Groups A, B, E, F), Orleans Parish, LA** Mr. Meyer serves as a **project engineer** on this project and is responsible for the **review** and **recommendation** of the necessary revisions required to be made to the **FEMA Project Worksheet (PW)** in order to accommodate new items of work. Additional work includes the **development of all quantities** for the project including the **separation of quantities** to be funded by eligible **FEMA** items, the **City of New Orleans, Department of Public Works Non-FEMA eligible items**, and the **New Orleans Sewerage and Water Board (S&WBNO) FEMA eligible items**. The estimated construction cost of the project is $19,000,000.
05/17 – 05/20	**Reconstruction of Michoud Blvd. (Chef Menteur to Dwyer), Orleans Parish, LA** **Project engineer** responsible for developing the **recommended sequence of construction** for the reconstruction of Michoud Blvd. (southbound and northbound roadways) between Chef Menteur Highway and Dwyer Road. The recommended sequence of construction consists of **eight (8) different phases of work** and development of all **detour routes** necessary during construction. Each phase of construction was addressed by Mr. Meyer to show the **limits of work** in each phase. Detour route design included all **construction signage** and was designed in compliance with the detour requirements of the **City of New Orleans, DPW** and the **Manual on Uniform Traffic Control and Devices. Michoud Blvd was a bond funded project.** Construction Cost: $4.07m
07/16 – 06/19	**Joe Brown Park and Audubon Nature Center Paving Repairs, Orleans Parish, LA** **Project engineer** responsible for the **review of damages to the roadways** located inside of the Joe W. Brown Memorial Park and Audubon Nature Institute. Mr. Meyer's review of damages led to the development of **project scoping reports** that were

	provided to **FEMA**, **allowing the roadway repairs to be funded through FEMA funds**. In addition, Mr. Meyer developed all **sections**, **details**, **quantities**, and **cost estimates** to be managed through the City of New Orleans, DPW. Construction cost: $1.174m
04/09 - Present	**H.004420: LA 302: Bayou Barataria Bridge Replacement, Jefferson Parish, LA** **Project engineer** responsible for the design of a **double leaf bascule bridge - approach spans** (approximately 4,550 LF with 65 Bents/Piers), to 100% of LADOTD Preliminary Design Stage. Bridge superstructure types consist of **Type III** and **Type IV PPC Girders** and **BT-78 Girders all in accordance with AASHTO guidelines**.
06/09 – 07/12	**I-10 Southwest Frontage Road, Slidell, LA** **Project engineer** responsible for the design of a **7 – 20' span (140') flat slab span bridge** designed in accordance with **AASHTO guidelines**. Mr. Meyer also developed a **bridge load rating summary** for the bridge using **LADOTD Bridge Design Manual** bridge rating criteria.
06/02 – 09/11	**I-40 Twin Span Bridges Crossing Gold Creek and Stone Dam Creek, Faulkner County, AR** Mr. Meyer served as the **engineer of record** for the design of **twin flat slab span bridge structures**, (4 total) including **concrete cap-beams**, **columns**, **spread footings** and **foundations**, all in accordance with **AASHTO guidelines** and AHTD guidelines. This Staged Design/Construction Arkansas State Highway Commission project was part of the agency's Highway 65 – East (Widening) project.
1994 - 1996	**US 67 Relocation, Craighead and Lawrence Counties, AR** Mr. Meyer served as **Deputy Project Manager** for the design of **six (6) bridges** on a 26-kilometer stretch of interstate on a new location in Northeast Arkansas for the **Arkansas State Highway and Transportation Department.** Bridge types consist of **steel plate girder** and **wide-flange beam superstructures** with **cast-in-place decks** supported on **reinforced concrete bents** with **concrete filled steel shell piling foundations**.

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Wesley S. Roy, P.E.**		Years of relevant experience with this employer	1
Title	Civil Engineer		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			BS / 2007 / Civil Engineering	
Active registration number / state / expiration date			PE.49529 / Louisiana / 3/31/2025	
Year registered	2024	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Engineer. Wesley will assist with roadway plan development.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/25 - Present	**H.013494: LA 52 Complete Streets Improvements, St. Charles Parish, LA** Mr. Roy serves as **project engineer** and performing **preliminary** and **final design** for the redesign of Phase 2 of the LA 52 project using LADOTD **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. As part of this work, Mr. Roy performed drainage calculations and roadway grade profiles. This project was **partially grant funded** and is being designed in accordance with **FHWA** and **LADOTD** design standards. Construction Cost: $9.26m
12/24 - Present	**James L. Hunt Road Improvements, Southern University, Baton Rouge, LA** **Project Engineer**. Mr. Roy performed **engineering** and **design services** for the development of **final plans** and **bid documents** for the rebuild of James L Hunt Road serving the Southern University Agricultural Center campus. Design included **asphalt mill and overlay** for approximately **0.5 miles** of **two lane roadway** with **new striping** and **driveway transitions**. Additional services performed by Mr. Roy will include assistance with **construction bidding** and **construction administration**. EG Fee: $54.7K
2017 - 2022	**H.012856 Natchez Drive Rehabilitation, Slidell, LA** **Project Engineer.** Mr. Roy designed a **two lane divided roadway** with **left-turn lanes cut into the median** at various locations. The objective of the project was to **rehabilitate the roadway pavement** and **correct minor deficiencies** in roadway **drainage structures** of Natchez Drive from the I-10 East Service Road. Mr. Roy designed and developed the **complete civil engineering plan set** for **DOTD approval**.
2017 - 2021	**H.011721 US 190/LA 22 Improvements, Mandeville, LA** **Project Engineer**. Project involved the construction of **temporary signals**, **pavement widening** and **subsurface drainage**, removal of the **existing roadway**, **cold milling and overlay**, construction of **curb and gutter islands**, reconstruction of **drive aprons**, and construction of **permanent traffic signaling**. Mr. Roy designed and developed the **complete civil engineering plan set** for **DOTD approval**.

2017 - 2021	**H.013381 Lindberg Drive @ US 190 (Gause Blvd), Slidell, LA** **Project Engineer**. Project was designed to **reduce congestion** on the northbound approach of Lindberg Drive to the signalized intersection of US 190 (Gause Blvd) by **adding capacity** and **modifying traffic signal phasing and timing**. Improvements also included the **re-striping** of the opposing Kensington Blvd southbound approach to US 190 (Gause Blvd). Mr. Roy designed and developed the **complete civil engineering plan set** for **DOTD approval**.
05/16 – 05/17	**Forest Cove Road Improvement Project, D'Iberville, MS** **Project Engineer**. Project included **rehabilitation** and **improvement** of the **existing roadway** to ensure **positive drainage runoff** by providing a **milling/paving plan** for **parking areas**. As project engineer, Mr. Roy was responsible for the design of **striping details** and put together plans for the **rehabilitation** of the roadway's **existing surface drainage**.
05/16 – 05/17	**Coast Electric Gulfport Site Improvement & Drainage Project, Gulfport, MS** **Project Engineer**. Mr. Roy, as project engineer, designed **paving** and **subsurface drainage improvements** to ensure **positive runoff** for a site that would hold **heavy duty traffic vehicles**.
08/12 – 05/16	**Reconstruction and Widening of I-55 Terry to Byram (MDOT), Hinds County, MS** Project Engineer. Mr. Roy was responsible for the production of conceptual and final roadway designs, plan preparation, horizontal and vertical geometric design, cost estimates, traffic control plans, temporary striping, and plan quantities for all items necessary for the project's construction and completion. Project involved the widening of I-55 to 6 lanes for approximately 6 miles and the LRFD structural design for retaining walls and widening of 6 bridges. MDOT project.

Firm employed by	Evans-Graves Engineers, Inc.			
Name	 **Max O. Usrey, III, P.E., P.L.S.**		Years of relevant experience with this employer	31
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.20762 / Louisiana / 9/30/2025	
Year registered	1992	Discipline	Civil Engineer	
Active registration number / state / expiration date			PLS.4737 / Louisiana / 9/30/2025	
Year registered	1994	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			Sr. Project Surveyor. Responsible for the performance of topographic survey.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 – Present	**H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA** **Project Surveyor.** Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Usrey oversaw the performance of **topographic survey** for approximately **4,100 LF of roadway corridor** in accordance with **DOTD Location and Survey Manual** and **LADOTD Topographic Survey Guidelines**. All features in the field are being located to produce a **complete topographic survey** and **digital terrain model** of the project corridor, including **structure types** and **top elevations**, **storm drain pipe sizes** and **materials**, and **invert elevations** within the survey limits. **Horizontal** and **vertical controls** were set using **DOTD-required GPS methods**. Final survey submittal will include **.pdf files** and **notes**, **reports**, **tabulations**, and **verifications**. Total EG Fee: $290.5K
04/21 - Present	**North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA** **Project Surveyor.** Mr. Usrey oversaw and coordinated the performance of **topographic corridor surveys** as part of the **design study** and **preliminary design** phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD **Complete Streets** design, which includes the study and design of **ADA-compliant sidewalks** and **multi-use pathway** features. Total Fees: $855K
11/22 - Present	**Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA** **Project Surveyor.** Mr. Usrey oversaw the performance and coordination of a **topographic corridor survey** for the project, which will bring **capacity improvements** to approximately **2.8 miles** of the Mickens Road corridor. Design work performed by EG includes **studies** and **design** for the incorporation of **Complete Streets** features for the corridor, including the design of a **new ADA-compliant sidewalk** and **multi-purpose pathway** to potentially be included in the project's final design.
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	**H.007811: Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA** **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	**4400005727: LADOTD Survey Retainer for Districts 02, 61, and 62** **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	**700-30-0051 & 023-05-0028: Route US 167 (Winnfield to LA 1236)** **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.
08/97 – 12/00	**450-10-0159I-12: Widening (O'Neal Lane to Pete's Highway), East Baton Rouge & Livingston Parishes, LA** **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	21
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.34695 / Louisiana / 9/30/2025	
Year registered	2009	Discipline	Civil Engineer	
Active registration number / state / expiration date			LSI.516 / Louisiana / 9/30/2025	
Year registered	2006	Discipline	Land Surveyor Intern	
Contract role(s) / brief description of responsibilities			Land Surveyor Intern. Brett will be responsible for the scheduling and oversight of all survey services to be performed by Evans-Graves on this IDIQ contract.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 - Present	**H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA** **Land Surveyor Intern.** Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Blanchard assisted with the performance of **topographic survey** for approximately **4,100 LF of roadway corridor** in accordance with **DOTD Location and Survey Manual** and **LADOTD Topographic Survey Guidelines**. All features in the field are being located to produce a **complete topographic survey** and **digital terrain model** of the project corridor, including **structure types** and **top elevations**, **storm drain pipe sizes** and **materials**, and **invert elevations** within the survey limits. **Horizonta**l and **vertical controls** were set using **DOTD-required GPS methods**. Final survey submittal will include **.pdf files** and **notes**, **reports**, **tabulations**, and **verifications**. Total EG Fee: $290.5K
04/21 - Present	**North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA** **Land Surveyor Intern.** Mr. Blanchard assisted with and coordinated the performance of **topographic corridor surveys** as part of the **design study** and **preliminary design** phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD **Complete Streets** design, which includes the study and design of **ADA-compliant sidewalks** and **multi-use pathway** features. Total Fees: $855K
11/22 - Present	**Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA** **Land Surveyor Intern.** Mr. Blanchard assisted with the performance and coordination of a **topographic corridor survey** for the project, which will bring **capacity improvements** to approximately **2.8 miles** of the Mickens Road corridor. Design work performed by EG includes **studies** and **design** for the incorporation of **Complete Streets** features for the corridor, including the design of a **new ADA-compliant sidewalk** and **multi-purpose pathway** to potentially be included in the project's final design.
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	**H.010924: LA 75, Iberville Parish, LA** 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	**700-36-0210: Lake Forest Blvd., Orleans Parish, LA** **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	**H.003790: LA 930, Ascension Parish, LA** 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	30
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. Mike will assist the design team with roadway plan development.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 - Present	**H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA** **Sr. CADD Technician.** Under an IDIQ contract for roadway design services within LADOTD District 03, Mr. Roberts performed CADD work for **topographic survey** for approximately **4,100 LF of roadway corridor** in accordance with **DOTD Location and Survey Manual** and **LADOTD Topographic Survey Guidelines**. All features in the field are being located to produce a **complete topographic survey** and **digital terrain model** of the project corridor, including **structure types** and **top elevations**, **storm drain pipe sizes** and **materials**, and **invert elevations** within the survey limits. **Horizonta**l and **vertical controls** were set using **DOTD-required GPS methods**. Final survey submittal will include **.pdf files** and **notes**, **reports**, **tabulations**, and **verifications**. Total EG Fee: $290.5K
04/21 - Present	**North Blvd. Corridor Enhancement (I-10 to Foster/Florida) (MOVEBR), Baton Rouge, LA** **Sr. CADD Technician.** Mr. Roberts performed CADD work for **topographic corridor surveys** as part of the **design study** and **preliminary design** phases of the project. Designed improvements will promote increased usage of the corridor in East Baton Rouge Parish. This work is being designed in conformance with LADOTD **Complete Streets** design, which includes the study and design of **ADA-compliant sidewalks** and **multi-use pathway** features. Total Fees: $855K
11/22 - Present	**Mickens Road (Hooper Road to Joor Road) (MOVEBR), Baton Rouge, LA** **Sr. CADD Technician** for **topographic survey**, **boundary survey**, and **ROW mapping** for **2.8 mile long corridor** to assist with design study and final design phases of the project. Additional work includes **field crew coordination** and **data processing** of **property surveys**, **property survey submittals** and production of the **final right-of-way maps**.
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	**H.007811: Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA** **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	**700-36-0210: Lake Forest Blvd., Orleans Parish, LA** **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** **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	**H.009012: LA 10 & LA 67 Intersection Widening, East Feliciana Parish, LA** As Sr. CADD Technician, Mr. Roberts prepared **property survey** and **right-of-way maps** for intersection improvements in Clinton, LA.
2014 – 2018	**H008369: LA 11, St. Tammany Parish, LA** 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	**H.010924: LA 75, Iberville Parish, LA** 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	**249-90-0041, 826-39-0090, and 826-48-0005: LA 45, LA 302, and LA 3257, Jefferson Parish, LA** 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**			
Name	**Daniel Thornhill, PE**	Years of relevant experience with this employer	**5**
Title	Office Executive	Years of relevant experience with other employer(s)	**23**
Degree(s) / Years / Specialization		B.S. / 1997 / Civil Engineering	
Active registration number / state / expiration date		PE.0032367 / LA / 09-30-2026 Traffic Control Technician-LA State Specific / April 2026 Traffic Control Supervisor -LA State Specific / April 2026	
Year registered	2006 | 2002	Discipline	Civil
Contract role(s) / brief description of responsibilities		**SR. ROADWAY ENGINEER**	

Mr. Thornhill will apply more than 25 years of comprehensive roadway design experience across Louisiana to complete design services, and provide accountability for quality and timeliness. He will also ensure priorities are established before and during execution of the project.

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 RR Overpasses HBI, Webster Parish, Louisiana.** Principal/Project Manager**.** Responsible for the design and development of construction plans for the replacement of 3 bridges at two locations along US 371. First location is the replacement of a 3 span bridge over KCS Railroad in Sibley, LA. Project entails the development of new bridge alignment following DOTD and KCS Railroad requirements along with modifications of the existing road to accommodate the new bridge vertical alignment. Additional site requirements include developing a detour road/bridge alignment to construct the new bridge under traffic along with reconstruction of LA 164/US 371 intersection. Second location is the replacement of parallel bridges along US 371 at the Minden/I-20 interchange. Bridges will be replaced in phase construction to maintain traffic. Two new 3-span bridges will be construction over KCS railroad meeting all the required DOTD and KCS design requirements as required at the Sibley bridge site.
08/22 – 05/23	**Barksdale AFB Entrance Roads, Bossier Parish, Louisiana.** Project Manager. Responsible for the development of construction plans for new entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie into the new LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination with the DOTD I-20/I-220 Project Manager and Design Build Owner Verification Managers along with overseeing new roadway drainage that meets DOTD Hydraulic requirements. Construction should begin in Summer of 2023.
10/22 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Louisiana. DOTD**. Principal. Responsible for the oversight of 12 Off-System Bridge replacements and recommendation of final bridge structures for five parishes in District 07. Additional responsibilities include the oversight of sub-consultants identified to be included in the program. This project program requires Michael Baker to deliver 12 bridge replacements within the $30.3 million dollars with allocated for District 07. This service includes topo surveys, row mapping, development of construction plans, environmental clearance, utility relocation agreements, and determine row acquisition. DOTD issued NTP for additional services in May 2023.
04/22 - Ongoing	**LA 30: EBR PL – I-10, East Baton Rouge, Iberville, and Ascension Parishes, Louisiana.** Principal/Project Manager. Responsible for the oversight of the Environmental Assessment (EA) of the widening of LA 30 from a 2-lane roadway to 4-lane roadway. Project is currently in Part 1 of the EA which main focus on traffic count/study/analysis along with some early environmental field screening, initial geometric improvements at existing 5 intersections, SUE services, and development of existing hydraulic flows for existing 6 bridge/culvert structures. Additional responsibilities include oversight of existing alignments along with existing right-of-way lines.

10/21 - Ongoing	**New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parishes, Louisiana. DOTD.** Project Engineer for development of alignment alternatives in Avondale area. Alternatives include railroad overpasses at two locations to replace four at grade railroad crossings. Currently trains will block at grade railroad crossings for hours each day at the Avondale railyard. New overpasses meet both DOTD and railroad criteria. New alternatives include both roadway and bridge design.
05/16 – 01/18	**Ham Reid Road at Lake Street (LA 3092) Intersection Improvement Project for Calcasieu Parish Police Jury**. Project Manager/Lead Design Engineer. Responsibilities included the development of construction plans for a new single lane roundabout at the intersection of Ham Reid Road and Lake Street (LA 3092). Project was studied as both a new signal and roundabout to provide traffic flow for land being developed along the southwest quadrant of the project. Through coordination with LA DOTD, it was determined a new single lane roundabout was the best alternative. The new roundabout would be a 4-leg roundabout that would connect to Spanish Mission Trail roadway of Trails Subdivision with one of roundabout legs to provide seamless connectivity with Ham Reid Road to eliminate a possible Z-intersection configuration with only a 3-leg roundabout. Mr. Thornhill's responsibilities included coordination with both Calcasieu Parish Project Manager, LA DOTD District 7 Engineers, and LA DOTD Project Permit Specialist; development of geometric layouts both horizontally and vertically, development of right-of-way taking lines and coordination of right-of-way maps with surveyor, and hydraulic analysis for both subsurface and storm water flow. Project was being done as a permit project for Calcasieu Parish through LA DOTD District 7.
03/14 - 08/15	**I-12 Entrance Ramp at Millerville Road, East Baton Rouge Parish, Louisiana.** Project Manager/Engineer**.** Responsible for the design and construction of a new westbound entrance ramp from Millerville Road to I-12. Project included widening of Millerville Road to accommodate new double left turn lanes at new intersection at new development. Project included developing construction plans to meet LADOTD and FHWA design guidelines and standards. Addition construction plan details involved development of traffic control plans for a lane shift of three (3) lanes along I-12 to provide protection for construction workers while the new entrance ramps were being constructed along with addition of new traffic signals and remove of an existing traffic signal. Project was issued a project permit through LADOTD District 61. During the plan preparation and construction, Mr. Thornhill met with LADOTD District 61 District Administrator and Construction Engineer to make sure all LADOTD standards where being followed along with making sure the contractor was meeting all the requirements set forth by LADOTD District 61 in the project permit.
09/14 – 08/15	**LA 27 turn lane improvements, Cameron and Calcasieu, LA.** Project Manager. Responsible for overseeing the development of roadway construction plans adhering to DOTD design guidelines for three turn lanes along LA 27 at the Cameron LGN plant entrances. Additional responsibilities included providing engineering support during construction. Project included the modification of the existing box culvert at Crab Gully with developing solutions to utility conflicts at this crossing.
11/15 – 01/18	**Southcity Parkway Extension - Lafayette, LA**. Project Manager/Lead Design Engineer. Responsibilities included the development of construction plans for a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. Project included three multilane roundabout intersections and new bridge crossing of the Vermillion River. Additional responsibilities included coordination with the Coast Guard to develop the new Vermillion Bridge crossing to make sure it met navigational vertical clearances. Project included development of public involvement meeting maps to get feedback from the local residents on the new alignments and its possible impacts to the neighboring communities.
08/12 - 01/18	**Juban Road (LA 1026) Widening (I-12 to US 190), Livingston Parish, Louisiana.** Project Manager/Lead Design Engineer. Responsible for the development of construction plans for the widening of Juban Road from a 2-lane roadway to a 4-lane boulevard from just north of the I-12 Interchange to US 190. Improvements included three (3) multi-lane roundabouts along Juban Road while including sidepaths on both sides of Juban Road to meet the LADOTD complete streets initiative. Access Management was a priority along this route therefore the median was reduced to 6' to 8' to discourage left turn movements and make all driveways right-in/right-out while utilizing the roundabouts for U-turn movements. The roundabouts are located at future driveway number 5 for the Juban Crossing Development, midway along project, and at the Juban Road at US 190 intersection. The roundabout would replace an existing signal that causes traffic congestion especially during peak afternoon traffic. Project included all necessary improvements along US 190 for the new roundabout and additional turn lane for the new Sanctuary Development.

Firm employed by **Michael Baker**			
Name	**Brandon Pitre, PE, PTOE, RSP1**	Years of relevant experience with this employer	**5**
Title	Project Manager – Transportation	Years of relevant experience with other employer(s)	**7**
Degree(s) / Years / Specialization		MS / 2012 / Civil Engineering BS / 2010 / Civil Engineering	
Active registration number / state / expiration date		PE.0040975 / Louisiana / 03-31-2025; Professional Traffic Operations Engineer / 07-9-2027	
Year registered	2016; 2024 (PTOE)	Discipline	Civil
Contract role(s) / brief description of responsibilities		**ROADWAY DESIGN SUPPORT**	

Mr. Pitre meets MPR5 and will serve as Lead Design Engineer with experience in planning and geometric design for a variety of projects. He has worked in the public sector at the Louisiana Department of Transportation and Development in the Construction and Road Design sections before working as an engineering consultant. He has experience with safety retainers on both design and construction sides.

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 RR Overpasses HBI, Webster Parish, Louisiana. DOTD.** Transportation Engineer/Project Manager. Mr. Pitre is the project manager of the project while also serving as the roadway design lead for the project who will oversee the delivery of the Preliminary and Final roadway and bridge design plans. The project consists of the design and replacement of three bridges which cross over a KCS railroad line at two separate locations in Webster Parish (Sibley and Minden). The new bridges will be concrete girder-type and include widening the two existing bridges in Minden to accommodate an additional travel lane for each bridge. To minimize construction cost and to account for the geometric constraints of the LA 164 intersection, the new replacement bridge in Sibley will be built on a new offset alignment. The Minden site involves the replacement of two parallel steel girder bridges along US 371 at the Minden/I-20 interchange. Strict adherence to the KCS railroad design guidelines and adequate coordination with KCS must be maintained during all design phases.
08/22 – 05/23	**Barksdale AFB Entrance Road and Gate Complex, Design-Build, Bossier Parish, Louisiana.** Transportation Engineer. Mr. Pitre is responsible for the roadway design and construction plan development of this project. The project consists of the design and construction of an extension of an existing state-owned highway, LA 1267, along with a new multi-lane roundabout. The new roadway will be a 4-lane divided highway entrance into the Barksdale AFB. Mr. Pitre is responsible for developing the 3D roadway design model for the project and overseeing the delivery of the construction plans. Other responsibilities include project support during construction, such as reviewing contractor shop drawings, submittals to ensure material compliance with DOTD standards, and answering requests for information (RFI's) promptly.
04/22 - Ongoing	**LA 30: EBR P/L – I-10, Iberville and Ascension Parishes, Louisiana. DOTD.** Transportation Engineer/Project Manager. Mr. Pitre is the project manager and the lead roadway design engineer. The project is an environmental assessment (EA) which widens about 14 miles of LA 30 from two lanes to at least four. Mr. Pitre is responsible for generating the line-and-grade diagrams to evaluate the reasonable alternatives based on the traffic analysis and recommended improvements to the major intersections along the project limits.
10/22 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Louisiana. DOTD**. Project Manager. Responsible for the oversight of the development of preliminary and final construction plans for 12 Off-System Bridge replacement locations for the five Parishes in District 07. The replacement structures will be concrete slab span bridges or reinforced concrete box culverts (RCB's) based on the hydraulics analysis and design results, while also factoring in site-specific constraints and the overall construction cost of each replacement option. There is a strict timeline in which the federal funds allocated for this program need to be utilized, which requires all projects to be let for construction by the end of 2026, or some of the funding could be rescinded. As a result, Mr. Pitre is responsible for meeting all project deliverable milestone dates while ensuring the overall program budget of $30.3 million is not exceeded. Additional responsibilities include coordination with sub-consultants for the services of topographic surveys, property surveys, right-of-way (ROW) mapping, geotechnical investigations, and hydraulic support.

06/18 – 12/19	**US 90 Ramps at LA 88 Roundabouts, New Iberia, Louisiana / Highway Safety Design Retainer, DOTD.** Lead Roadway Designer. Mr. Pitre served as lead Roadway Design Engineer for this project whose scope consisted of converting the eastbound and westbound U.S. 90 ramp terminals into two multi-lane roundabouts, along with making improvements to the existing drainage network (sub-surface and open ditch) to increase hydraulic capacity. Since the local project representatives expressed concerns for design solutions aimed at reducing flooding during intense rain events, many of the existing cross drains, side drains, and existing roadside ditches needed to be upsized. Other safety measures were implemented in this project by the following measures: safety end treatments on culvert ends adjacent to LA 88, guard rail improvements based on the latest DOTD design standards, flexible traffic delineators separating lanes of opposing traffic flow, and two U-turns (bulb-outs) added along LA 88 on each side of U.S. 90. Responsible for roadway design and construction plan production, completing the 100% Preliminary Plans based on comments from the client at the Plan-In-Hand meeting. This involved resolution of all the client's comments from the 100% Preliminary Plans submittal which involved items such as: modifying the typical pavement sections and details, adjusting the roadside ditch geometry, revising the construction sequencing layout, modifying the drainage design, and creating the permanent signing and pavement marking layout sheets. Responsible for developing and delivering the 100% Final Plans as the Engineer of Record which involved determining the required quantities of the required construction items and developing the accompanying construction cost estimate. Other work for this project included creating the existing and proposed drainage maps, hydraulics calculations utilizing DOTD's HYDRWIN program and preparation of the hydraulics report.
12/17 – 07/18	**U.S. 190B at Jefferson Avenue Roundabout Design for Highway Safety Design Retainer, Covington, Louisiana. DOTD.** Roadway Design Engineer. Responsible for design and construction plan production for this project, whose scope consisted of converting a four-way intersection into a single-lane roundabout in downtown Covington in an area of narrow right-of-way limits. Responsible for completing 100% Preliminary Plans based on comments from the client at the Plan-In-Hand meeting. This involved making several changes to the plans such as: revisions to the typical pavement section and details, plan and profile sheets, and construction sequencing sheets. Responsible for developing the 60% Final Plans which involved resolution of all the client's comments from the 100% Preliminary Plan submittal, determining the required construction items, and developing the accompanying construction cost estimate. Other work included the hydraulics analysis and design calculations utilizing DOTD's HYDRWIN drainage program and preparation of the hydraulics report. During the 60% Final Plans development stage, this project was halted by DOTD based on the significant real estate cost for acquisition of an adjacent property (gas station on intersection corner).
11/15 - 06/17	**Francis Road Extension, Covington, Louisiana. St. Tammany Parish Government.** Transportation Engineer. Assisted in design and construction plan production of a two-lane asphalt roadway extension project to better serve the local community by providing better connectivity between the local subdivisions and a recreational facility. Responsible for conducting drainage analysis to compare pre- and post-development drainage design and to determine required culvert sizing for new, required cross drain, and nearby roadside drainage structures. Mr. Pitre's other responsibilities included drafting different horizontal alignments and vertical profiles to present different alternatives in the assemblance of the construction plans for the client. These options were presented to give the client an idea of what the impact financially would be as the different design alternatives had varying cost estimates and project footprints associated with them.
10/16 – 01/17	**I-12 Widening, LA 21 to US 190, Covington, Louisiana. Louisiana Department of Transportation**. Transportation Engineer. Responsible for developing the typical roadway section sheets of the mainlines, exit ramps, and surface streets for a 6-mile-long interstate widening project, performing the hydraulics analysis and design to appropriately size the cross drains, and creating the existing and proposed drainage map sheets in the preliminary construction plans.

Firm employed by **Michael Baker**			
Name	**L.R. "Eric" Erikson, PE, CFM**	Years of relevant experience with this employer	**2**
Title	Department Manager – Water Resources	Years of relevant experience with other employer(s)	**24**
Degree(s) / Years / Specialization		M.S. / 2003 / Engineering and Technology Management B.S. / 1999 / Civil Engineering	
Active registration number / state / expiration date		PE.0031061 / Louisiana / 03/31/2026 CFM US-23-12645 / 07/31/2025	
Year registered	2004; 2023 (CFM)	Discipline	Civil
Contract role(s) / brief description of responsibilities		**HYDRAULICS DESIGN LEAD**	

Mr. Erikson will serve a technical advisor to the hydraulics/drainage team for task orders requiring drainage analysis and design. He will also support the team if hydraulic modeling is required for the replacement/modification of drainage structures.

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).
01/23 – Ongoing	**LA 30: EBR PL – I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana | DOTD** - Mr. Erikson is currently serving as the Hydraulics QA/QC Reviewer for the NEPA study for the widening of LA 30. Project is currently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. Project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parish. The study will determine how many additional lanes necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. Additional responsibilities for Mr. Erikson include determining if the drainage areas have been delineated properly and that the storm water runoff flows meet DOTD requirements along with reviewing the HEC-RAS models for consistency and conformity to the DOTD Hydraulics Manual.
01/23 – Ongoing	**US 371 KCS RR Overpass HBI, Louisiana | DOTD**. QA/QC Engineer. Responsible for providing guidance, review, and Quality Control for the drainage design of the new improvements of US 371 for the replacement of 3 bridges at 2 different locations: (Sibley, LA and Minden, LA). The bridges are being replaced of KCS railroad at both locations. The Sibley, LA site consists of a new bridge alignment offset from the existing to allow traffic to remain open during construction. The bridges at the Minden site bridges are being replaced in multiple traffic control operations where 1 bridge will remain open while a new bridge is being built. Once new bridge is built, traffic will move over to new bridge while the other bridge is being replaced. Mr. Erikson's QA/QC review will make sure drainage is being done in accordance to DOTD Hydraulic Manual..
01/23 – Ongoing	**Airline Highway (US 61) – North for MOVEBR, East Baton Rouge Parish, Louisiana | City/Parish of Baton Rouge**. Project Manager. Responsible for the review and analysis of major drainage crossings along Airline Highway between I-110 to US 190/US 61. Project is currently in the NEPA Decision making process. Addition responsibilities include reviewing existing models provided by MOVEBR for Jones Creek Crossing and Hurricane Creek crossings. NEPA Hydraulics phase is a low-level look at drainage improvements for the widening of Airline Highway from a 4-lane divided roadway to a 6-lane divided roadway. Once the NEPA process is complete, engineers will be released to develop construction plans. Mr. Erikson will oversee the development of the roadway drainage for the improvements. Project is currently following the DOTD guidelines for NEPA clearance.
01/23 - Ongoing	**Louisiana Watershed Initiative (LWI) Region 6 TO 2, Louisiana | DOTD.** Deputy Project Manager. Responsible for providing contract administration and assisting project manager in general project management duties such as resource allocation, scheduling, coordination of

	team members, and financial analysis. Michael Baker supplemented data collection and analysis, continued stakeholder engagement services, and performed topographic, bathymetric, and channel surveys. This task includes 2 HUC8 Watershed models.
01/23 - Ongoing	Louisiana Watershed Initiative (LWI) Region 6 TO 3 | Louisiana. DOTD. Deputy Project Manager. Responsible for the contract administration and assisting the project manager with general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. Michael Baker is providing engineering and modeling services to the Louisiana Department of Transportation & Development (DOTD) for Region 6 for the Louisiana Watershed Initiative (LWI). This task includes 2 HUC8 Watershed models.
01/23 - Ongoing	**Louisiana Watershed Initiative (LWI) Region 1, Louisiana | DOTD.** Deputy Project Manager. Responsible for the contract administration and assisting the project manager in general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. This task includes 3 HUC8 Watershed models.
01/23 - Ongoing	**Louisiana Watershed Initiative (LWI) Region 4, Louisiana | DOTD**. Deputy Project Manager. Responsible for contract administration and assisting the project manager with general project management duties such as resource allocation, scheduling, team coordination, and financial analysis. This task includes 1 HUC8 Watershed models.
01/23 - Ongoing	**LWI/SPP Group 1 Beauregard, Vernon and St. Landry Parishes, Louisiana | DOTD**. Project Manager. Responsible for the overall execution of the project, contract administration, and general project management duties, which include resource allocation, team coordination, sub-consultant coordination, scheduling, and financial analysis. Project will determine improvements to the watershed and reservoirs located within to mitigate flooding in the region.
01/23 - Ongoing	**Parish Comprehensive Drainage Plan, St. Tammany Parish, Louisiana | St. Tammany Parish**. Deputy Project Manager. Responsible for contract administration and assisting with general project management duties, such as resource allocation, team coordination, scheduling, and financial analysis. Attending public outreach meetings and assisted the public in understanding the project objective and goals. Provided review and QC of the Phase 1 final report.
1/20 – 12/22	**South Choctaw Widening, Baton Rouge, Louisiana | City. Parish of East Baton Rouge DPW**. QA/QC. Responsibilities included oversight of entire construction plan set, including geometric design and drainage design. Reviewed DOTD HYDRWIN input and output files to make sure the design team was following DOTD Hydraulics Manual and design requirements. Also responsible for assisting the designer in addressing drainage comments from the municipality.

Firm employed by **Michael Baker**			
Name	**Justin West, PE, CFM**	Years of relevant experience with this employer	**2**
Title	Civil Associate	Years of relevant experience with other employer(s)	**4**
Degree(s) / Years / Specialization		BS / 2019 / Environmental Engineering / Louisiana State A&M University	
Active registration number / state / expiration date		PE.0049277 / Louisiana / 3-31-2025 CFM US-22-12180 / 01/31/2026	
Year registered	2019	Discipline	Civil and Environmental
Contract role(s) / brief description of responsibilities		**HYDRAULICS DESIGN SUPPORT**	

Mr. West will serve as hydraulics engineer for both roadway and bridge hydraulics for task orders throughout the duration of this contract.

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).
04/24-Ongoing	**St. Tammany Parish Comprehensive Drainage Plan | St. Tammany Parish Government.** Assistant Project Manager and Lead Modeler. Mr. West is responsible for assisting with general project management duties, such as resource allocation, team coordination, scheduling, and financial analysis. Mr. West attended public outreach meetings and assists the public in understanding the project objective and goals. Mr. West completed the existing models for the parish consisting of 12 models.
01/23 – Ongoing	**IIJA Off System Bridge Replacement, District 07 Parishes | DOTD**. Hydraulics Reviewer. Mr. West assisted in the technical QA/QC process through reviewing the hydraulic and hydrologic models completed for several of the watersheds delineated within the project area and the associated hydraulic reports.
03/23-Ongoing	**FM 149 | TxDOT. PCSWMM Designer.** Mr. West was the lead hydraulic modeler for the existing and proposed conditions PCSWMM models for the changes made to Farm to Market Road 149. The existing and proposed conditions modeling completed in PCSWMM included estimating and drafting the proposed drainage areas surrounding the project area, the sizing of drainage structures, and lay out of the drainage geometry in the modeling software.
04/22 – Ongoing	**LA 30: EBR PL – I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana | DOTD** Technical QC. Mr. West assisted in the technical QA/QC process through reviewing the hydraulic and hydrologic models completed for several of the watersheds delineated within the project area. He reviewed and assisted in the writing of the associated hydraulic reports for each proposed project location.
09/21 – Ongoing	**Louisiana Watershed Initiative (LWI) Region 6 TO 3, Louisiana | DOTD.** HEC-RAS Modeler. Mr. West is the Lead modeler for the Eastern Central Louisiana Coastal (Region 6) HEC-RAS model. Mr. West developed the loss method for infiltration, soils, and land use data. Mr. West created centerlines for the major streams in the watershed by filtering out small streams from the National Hydrology Database. Mr. West developed the hydraulic models' break lines, bridge structures, and mesh geometry, and simulated storms within the HEC-RAS models and adjusted calculated values to calibrate and validate the model.
09/21 – Ongoing	**Louisiana Watershed Initiative Modeling Contract – Region 1, Louisiana. DOTD.** HEC-RAS Modeler. Mr. West was the lead modeler for Black Lake Bayou (Region 1) HEC-RAS model and technical Qc reviewer for Lower Sabine. He developed the loss method for infiltration, soils, and land use data. I created centerlines for the major streams in the watershed by filtering out small streams from the National Hydrology Database and the hydraulic models' break lines, bridge structures, and 1-D geometry. He simulated storms within the HEC-RAS models and adjusted calculated values to calibrate and validate the model.

02/22 – 02/23	**LCG Stormwater Master Plan, Lafayette Parish | Lafayette Consolidated Government**- Mr. West analyzed multiple watersheds with 2D hydraulic modeling in HEC-RAS. Mr. West completed the existing conditions model for one of the watersheds in this project. Mr. West assisted with the proposed alternatives to mitigate flooding for the basin that was also developed for the client. Mr. West was responsible for the proposed and existing models. Using the outcome of the proposed projects to establish mitigation alternatives for stormwater management. Mr. West reviewed the results and drafted a report highlighting the conclusions made
02/22 – 02/23	**East Baton Rouge City-Parish Stormwater Master Plan, East Baton Rouge Parish Department of Transportation and Drainage** – Mr. West assisted in developing the proposed conditions Floodplain Conveyance Zones for Several watersheds within the Parish.
02/22 – 02/2023	**LCG Residential Buyout Plan, Lafayette Parish | Lafayette Consolidated Government** - Mr. West used GIS programming to create a structure map of Lafayette Parish to locate at-risk structures for a buyout program. Using the outcome of the proposed locations to establish a mitigation plan that distinguished houses that would be the most at-risk alternatives from stormwater flooding. Mr. West reviewed the results and drafted a report highlighting the conclusions made.
05/22 – 02/23	**RESTORE Parish Matching Grant Program | CPRA The CPRA** Parish Matching Program was designed to help coastal parishes that received RESTORE funds prioritize Coastal Master Plan projects while also recognizing and responding to the needs of parishes to implement projects that may not be contained in the Coastal Master Plan. Mr. West is responsible for the Existing and proposed models completed in the USACE HEC-RAS modeling program. Using the projects to establish non-structural mitigation alternatives for stormwater management. Mr. West reviewed the results and drafted a report highlighting the conclusions made.
02/22 – 02/23	**Chennault Stormwater Plan | Calcasieu Parish Public Works** Mr. West analyzed the Chennault Airport's existing drainage conditions with 2D hydraulic modeling in HEC-RAS. Proposed alternatives to mitigate flooding for the Airport were also developed for the client. Mr. West was responsible for the proposed models. Using the outcome of the proposed projects to establish mitigation alternatives for stormwater management. Mr. West reviewed the results and drafted a report highlighting the conclusions made
05/22 – 02/23	**Comite River Improvements Feasibility Study | East Baton Rouge Parish Department of Transportation and Drainage**. For the Comite River improvements it was proposed that the removal of debris from the Comite River would improve drainage for the channel. Mr. West was the lead modeler for the project which consisted of a review of all video data received from an aerial drone survey, marking and sizing obstructions made, an existing model consisting of over 200 impacted channel locations, a proposed model, and the associated technical report. Mr. West created presentations and assisted in stake holder meetings.
02/21 – 02/22	**St. Charles Parish Drainage Master Plan | St. Charles Parish Public Works.** Mr. West was an engineering modeler developing the St. Charles Parish Master Drainage Plan (MDP). The MDP analyzes the existing gravity and forced drainage networks within the West Bank of St. Charles Parish and provides recommendations for improvements to these systems aimed towards mitigating flooding both for the existing conditions and due to future planned development.
06/20 – 02/21	LWI and HMGP Permit Applications: Grays Creek North and South and Grays Creek Detention Ponds, Dixon Creek Drainage Improvements, Shadow Springs Subdivision Drainage Improvements, Colonial Cove Subdivision Drainage Improvements, Walker Sewer Mitigation Project, Clinton Allen Drainage Ditch, and created hydrologic and hydraulic analysis and FEMA benefit-cost analysis.
06/20 – 02/21	**Steady Flow 1D HEC-RAS Model, Beaver Creek, and Long-Slash Branch Watersheds.** Mr. West completed 1D hydraulic and hydrologic models for the Bever Creek and Long-Slash Branch watersheds. These studies involved the hydrologic and hydraulic analysis of drainage structures and drainage areas within the watersheds. Existing conditions and proposed conditions models were created along with a benefit-cost analysis for the improvements proposed in the proposed conditions model.

Firm employed by **Michael Baker**			
Name	**Afaq Ahmad Durrani, EI**	Years of relevant experience with this employer	**2**
Title	Civil Associate	Years of relevant experience with other employer(s)	**1**
Degree(s) / Years / Specialization		M.S.E / 2022 / Civil Engineering / University of Louisiana at Lafayette	
Active registration number / state / expiration date		EI.0035541 / LA / 03-31-2026	
Year registered	2023	Discipline	Civil
Contract role(s) / brief description of responsibilities		**HYDRAULICS DESIGN SUPPORT**	

Mr. Afaq will serve as hydraulics engineer for both roadway and bridge hydraulics for task order throughout the duration of this contract. Mr. Afaq's responsibilities include modeling, designing, and completing quality control on multi-million-dollar projects that range from large watershed modeling to individual bridge replacement hydraulic studies. Mr. Afaq has successfully delivered projects in a wide array of civil engineering sectors including hydraulic modeling and stormwater management. He is well versed in a variety of hydrologic and hydraulic software including the USACE HEC suite (HEC-HMS, HEC-RAS, HEC-DSSVue), ArcGIS Pro, ArcMap, and LA DOTD HydrWin suite.

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).
05/23 – Ongoing	**IIJA Off System Bridge Replacement, District 07 DOTD.** Hydraulics Engineer/Modeler. Performed hydrological and hydraulic analysis and modeling in HEC-RAS. Hydraulic calculations were also performed in HYDRWIN. The hydraulic analysis consisted of HEC-RAS 1D and 2D models where applicable to identify existing hydraulic performance of each structure and recommending an equivalent structure that meets or improves the hydraulic capacity of the existing structure Mr. Afaq also performed scour analysis and no-rise analysis for proposed structures. Prepared the final Hydraulic reports that were submitted to LA DOTD for approval. This project program requires Michael Baker International to deliver 12 bridge replacements within the 30.3 million dollars allocated for District 07.
05/24 - Ongoing	**Little Bogue Falaya Pond, St. Tammany Parish, Louisiana.** Hydraulics Engineer/Modeler. Currently performing the Hydrological and Hydraulic analysis for this project. Little Bogue Falaya is located in Covington, St Tammany Parish. Identified and developed project alternatives by running multiple detention pond scenarios with different design details to ensure the most efficient pond characteristics are identified. Conceptual layouts of the different alternatives will be provided, as well as a Preliminary Engineering report that summarizes the hydrologic and hydraulic analysis efforts and their results. The BCA of the recommended pond alternative will be performed for 10%, 4%, 2% and 1% Annual Exceedance Probability events.
08/24 - Ongoing	**Jones Creek Detention, East Baton Rouge Parish, Louisiana.** Hydraulics Engineer/Modeler. Currently performing the Hydrological and Hydraulic analysis for this project. The Jones Creek Detention project is a 40-acre storm water retention area that will serve to reduce flooding in the Jones Creek Watershed. Contracted by the City of Baton Rouge / Parish of East Baton Rouge, Michael Baker serves as a specialty sub-consultant to prime consultant GIS Engineering. Michael Baker will provide all hydraulic engineering and modeling for the project utilizing HEC-RAS and other hydraulic modeling software
01/23-12/24	**Louisiana Watershed Initiative Modeling Contract – Region 1, Louisiana. DOTD.** Hydraulics Modeler. Modeler for Black Lake Bayou (Region 1) HEC-RAS model. Created a coupled 1D/2D hydraulic model along with developing break lines, refinement regions, culverts, bridge structures , cross sections, and mesh geometry in the hydraulic model. Simulated storms within the HEC-RAS models and adjusted calculated values for calibration and validation of the model. Prepared hydraulics and structure logbook for Black Lake Bayou. Mr. Afaq created 1D models for other HUC 08's in region 1 which include Saline Bayou and Bodcau Bayou. The LWI project was launched in 2018 and introduced a watershed-based approach to reducing flood risk. It is organized by seven modeling regions, each of which encompasses multiple HUC-8 watersheds. These models will be instrumental in providing stormwater management decisions regarding land use, policy, and infrastructure

01/23 –12/24	**Louisiana Watershed Initiative Modeling Contract – Region 4, Louisiana. DOTD.** Hydraulics Modeler Served as a Hydraulic modeler for Lower Sabine located in Region 4 of Louisiana Watershed Initiative. Responsibilities included calibrating and validating the hydraulic model for Lower Sabine and helped in preparing the modeler's logbook. Similar to the LWI Region 1 project above, these models will be instrumental in providing future stormwater management decisions regarding land use, policy, and infrastructure.
05/22 – 12/22	**BLE model for Hazard Rd. Iberia Parish Government, Louisiana.** Intern. Developed the Base Level Engineering model for Hazard Road to check the effect of asphalt overlay on flooding in the adjacent area while using HEC-RAS to create a 2D model. The BLE was presented in Public meeting to show the benefits of asphalt overlay.
05/22 – 12/22	**University at Renaud Roundabout. Louisiana DOTD.** Intern. Served as part of the drainage design team. Responsibilities included delineating the drainage area and determined the longest flow paths, calculated the time of concentration, discharge and pipe size. Used both ArcGIS pro and HYDRWIN to aide in the drainage design.
05/22 – 12/22	**Kaliste Saloom: Phase 3B. Louisiana Consolidated Government (LCG).** Intern. Helped with preparing daily, weekly reports and monthly payment sheets.

Firm employed by **Michael Baker**			
Name	**Jeffrey McRae, PE**	Years of relevant experience with this employer	**28**
Title	Technical Manager – Bridge	Years of relevant experience with other employer(s)	**0**
Degree(s) / Years / Specialization		B.S. / 1996 / Civil Engineering	
Active registration number / state / expiration date		PE.0034554 / LA / 09-30-2025	
Year registered	2009 Discipline	Civil	
Contract role(s) / brief description of responsibilities		**SR. BRIDGE DESIGN ENGINEER**	

Mr. McRae will serve as structural design leader if task orders require new/replacement/modification of existing structures.

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 RR Overpasses HBI, Webster Parish, Louisiana. LADOTD.** Bridge Design Lead. Mr. McRae is serving as the Bridge Design Lead for the replacement of 3 bridges along US 371 at 2 locations: Sibley, La and Minden, LA. His responsibilities include overseeing the bridge design calculations and development of bridge plans making sure they meet both DOTD and KCS Railroad Design Guidelines. Project does include the design of a detour structure (Akrow Bridge) for the bridge site at Sibley in order to keep US 371 open under traffic.
02/24 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program.** Bridge Engineer. Responsibilities included performing QC of initial detailed cost estimates for preparing the structural selection memo and shortlisting 12 bridges based on various parameters like cost, structural health, and functional adequacy. Currently performing QC for all bridge plans and calculations. Michael Baker was selected by LADOTD to provide bridge, roadway, and environmental services for the replacement of off-system bridges in the five parishes located in LADOTD District 07. The 12 new structures include box culverts and slab span bridges. All the bridge surveys and the hydraulic studies are approved, and preliminary plan submittals for all the bridges are underway
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. Subconsultants, ABMB and CivilTech, provided the necessary roadway design.
01/10 - 04/13	**S.R. 16 from S.R. 15 to S.R. 19 Bridge Design, Neshoba County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through preliminary bridge design contract plans for ten bridges. Michael Baker provided engineering services for improvements to 10 miles of S.R. 16 from S.R. 15 to S.R. 19. Michael Baker's services included the Phase A preliminary bridge plans for eight bridges, including hydraulic design for three bridges and a railroad crossing bridge, and stream and wetland delineation.
12/00 - 01/04	S**.R. 22 / Nissan Roads, Madison County, Mississippi. Mississippi Department of Transportation.** Assistant Engineer. Responsibilities included generation and checking of engineering design calculations, bridge quantities and final design contract plans. Responsibilities also included generating all bridge design calculations and contract plans for an AASHTO beam bridge located at Nissan Drive over the Illinois Central Railroad. This Nissan project was for the development of contract plans for three access roads to the site of the Nissan Plant in Canton, Madison County, Mississippi.
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.
03/09 - 03/21	**S.R. 9 Bridge Replacements, Calhoun County, Mississippi. Mississippi Department of Transportation**. Project Manager. Responsibilities included overall project management, QA/QC of bridge design calculations, and generation of final contract plans. Michael Baker provided engineering and design services for final bridge construction plans for four bridge replacements: Bridge No. 35.5 over Shutispear Creek, Bridge No. 40.7 over Yalobusha River Relief, Bridge No. 40.9 over Yalobusha River, and Bridge No. 41.2 over Yalobusha River Relief on S.R.9.
09/13 - 12/16	**S.R. 3 Bridge Hydraulic Design, Tate County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generating preliminary bridge R.O.W. plans, geometric calculations and design calculations for two hydraulic bridge crossings. Michael Baker provided engineering services for the replacement of the S.R. 3 bridges over Strayhorn Creek and Arkabutla Creek. Michael Baker's services included bridge hydraulic analyses, scour analysis and evaluation, bridge scour and stream bank stabilization design, and conceptual and preliminary structural design.
05/12 - 12/14	**S.R. 6 West Batesville Bypass Engineering Design, Panola County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through preliminary bridge design contract plans for five bridges. Michael Baker provided engineering services for the design of the S.R. 6 West Batesville Bypass, a new six-mile, four-lane, controlled-access highway with two interchanges. Michael Baker's services included field surveying, bridge hydraulic and structural design, and right-of-way plans.
03/12 - 04/13	**S.R. 178 Bridge Replacement Right-of-Way Plans, Itawamba County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering and geometric design calculations, and development of final right-of-way bridge plans for eight bridges and two box bridge extensions. Michael Baker developed final right-of-way plans for replacement of eight bridges, extension of two box bridges, removal of one box bridge, and addition of a stream relocation and a new box bridge under a relocated local road. The roadways, totaling approximately seven miles along S.R. 178 between Clay and the Alabama State Line, were upgraded either to new construction standards or to 3R standards, depending on the locations. The project was divided into five sites. Three sites required detour roads, and two sites were temporarily closed to traffic. Michael Baker also performed all hydraulic analyses at the bridges and box bridges.
04/07 - 03/10	**Reunion Parkway over I-55 Interchange in Madison County, Mississippi. Madison County**. Project Manager. Responsibilities included project management duties and generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through final design contract plans. This project includes bridge and retaining wall design, as well as surveying for a Single Point Urban Interchange (SPUI) located at the intersection of I-55 and Reunion Parkway in Madison County, MS. The bridge is a curved steel box girder design.
09/06 - 03/10	**US 61 Intersection at Catherine Devereux Road, Adams County, Mississippi. Mississippi Department of Transportation.** Project Manager. Responsibilities included project management duties and 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 the intersection of US 61 at Catherine Devereux Road in Adams County, Mississippi. Michael Baker shared in the duty of bridge and MSE retaining wall design with the prime, ABMB Engineers.

Firm employed by **Michael Baker**			
Name	**Shalin Sheth, PE**	Years of relevant experience with this employer	3
Title	Bridge Engineer	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		M.S. / 2019 / Civil Engineering B.S. / 2016 / Civil Engineering	
Active registration number / state / expiration date		PE.146736 / TX / 09/30/2025 PE.0048337 / LA / 03/31/2026	
Year registered	2022; 2023	Discipline	Civil
Contract role(s) / brief description of responsibilities		**BRIDGE DESIGN SUPPORT**	

Mr. Sheth will serve as a structural/bridge design engineer. His experience includes bridge structural design, bridge load rating, bridge load testing, and project management, for a variety of projects. As a professional engineer licensed in the states of Louisiana and Texas, he has worked on a variety of projects involving structural analysis, design, and plan development of prestressed concrete girder bridges, post tensioned segmental girder bridges, concrete slab span bridges, steel truss pedestrian bridges, and curved steel bridges. He also has experience in developing cost estimates and feasibility studies for bridge replacements as a part of client services and is also certified by FHWA/NHI for bridge inspection services. As a bridge EI, he has had past experience with drafting and detailing bridge widening plans, along with structural designing of bridge components, load rating bridges of various types, performing field load testing of bridges, computing bridge quantities and cost estimates, preparing bridge rehabilitation plans, conducting GPR surveys of bridge decks, and various administrative tasks.

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).
02/24 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program.** Bridge Engineer. Initial responsibilities included preparing a detailed cost estimate for preparing the structural selection memo and shortlisting 12 bridges based on various parameters like cost, structural health, and functional adequacy. Currently responsible for developing engineering design calculations, bridge geometry, bridge quantities, design plans, and coordinating with the in-house roadway team and the geotechnical subconsultants. Michael Baker was selected by LADOTD to provide bridge, roadway, and environmental services for the replacement of off-system bridges in the five parishes located in LADOTD District 07. The 12 new structures include box culverts and slab span bridges. All the bridge surveys and the hydraulic studies are approved, and preliminary plan submittals for all the bridges are underway.
09/22 – Ongoing	**US 371: KCS Railroad Overpasses HBI, Webster Parish, Louisiana. Louisiana Department of Transportation and Development**. Bridge Engineer. Responsibilities include computation of engineering design calculations, determining structural feasibility of bridge geometry, structural design of all bridge components, computation of bridge quantities, and plan production at various preliminary and final submittal stages/milestones. The project consists of full-scale replacement of two railroad overpass bridges 3.7 miles apart on the same route of US 371, with three bridges. Michael Baker is providing transportation and bridge engineering services for this project as a lead consultant, while subconsultants Ardaman and Associates, and Vectura Consulting Services, are providing geotechnical and traffic control services respectively
07/24 - Ongoing	**Agua Fria Pedestrian Bridge, Arizona. City of Avondale.** Bridge Design Lead. Responsibilities include leading the structural design for a 3 span pedestrian bridge spanning 525’ across a canal and connecting two pedestrian walkways on either side, developing the design files, overseeing plan development for structural related sheets, recommending the structure alignment and profile taking into account the requirements and restrictions of all stakeholders (City of Avondale, ADOT, Flood Control District), structural design of ramps connecting to the bridge and the associated retaining walls, and coordinating with the client, the prefabricated bridge manufacturer, and the construction manager at risk (CMAR) in the later stages of the project
01/24 – 07/24	**Dauphin Island Bridge Repair, Alabama. Alabama Department of Transportation.** Bridge Engineer. Responsible for developing a finite element model in MIDAS Civil for the Dauphin Island Bridge, including approach spans consisting of 7 prestressed concrete girders 118’ each as a continuous unit, and the

	main span unit consisting of post tensioned segmental girders, which had a layout of 211 ft – 400 ft – 211 ft. The task consisted of running live load analysis, transforming reactions from various load cases to ultimately derive reactions at bearings for sizing of jacks so that the spans could be jacked for bearing repair. The challenge was to be able to jack up the girders while the bridge was open to traffic, including special allowances for emergency vehicles. Also responsible for drafting repair plans and QCing related quantity calculations.
09/23 & 09/24	**Bridge Inspections and Load Ratings, Mississippi. Office of State Aid Road Construction.** Bridge Engineer. Responsible for conducting in-depth inspections of bridges (concrete channels, concrete slabs, reinforced concrete girders, steel girder bridges, concrete box culverts), documenting photographs and measurements, assigning condition ratings to bridge elements, and recommending bridge closures based on critical findings if applicable for 27 bridges in Sep 2023 and 16 bridges in Sep 2024, for OSARC, MS. Also responsible for performing load rating evaluation for bridges (concrete slabs, steel girders, steel and timber girder/stringer/floor-beam systems, steel railcar bridges) in Mississippi using AASHTOWare BrR for superstructure analysis and an in-house spreadsheet developed for substructure analysis, preparing load rating summary reports and critical finding recommendations if applicable, and providing guidance to engineer interns, in 2023 and 2024.
07/19 - 08/22	**Macarthur Interchange Completion Phase II at US90-Z Eastbound, Jefferson Parish, Louisiana**. **Louisiana Department of Transportation and Development**. Engineer Intern. Responsibilities included structural analysis and girder capacity verification of prestressed concrete girders, developing spreadsheets and Mathcad files for computing development lengths and splice lengths, and deck reinforcement design. Further responsibilities included computing bridge quantities, girder riser elevations, riser thicknesses, deck elevations for the bridge, along with drafting CAD sheets in MicroStation for framing plans, pier cap details, and deck reinforcement plans in compliance with LADOTD standards. This project consisted of demolition of an off-ramp and an on-ramp, along with reconstruction of both at different locations in addition to new construction to facilitate bridge widening. SDR Engineering provided comprehensive transportation and bridge structural engineering services.
05/21 - 08/21	**Mermentau River Swing Span Truss Bridge Repairs at Grand Cheniere, Louisiana**. **Louisiana Department of Transportation and Development.** Engineer Intern. Responsibilities included preparing a structural rehabilitation solution to repair the steel truss member with structural deficiency, along with repair solutions for floorbeams and stringers using steel cover plates. Further responsibilities also included drafting and redrawing the fender system plans and railing repair plans and reviewing overall bridge repair quantities and the plan set. SDR Engineering provided the bridge inspection and load rating services in the preliminary stage, and later prepared repair and rehabilitation plans and procedures for the entire superstructure and substructure along with the fender system for the movable bridge span.
07/19 - 02/21	**Load Rating of 311 Bridges, Louisiana. Louisiana Department of Transportation and Development.** Engineer Intern. Responsibilities included load rating 51 bridges of various types such has concrete slab bridges, reinforced concrete girder bridges, prestressed girder bridges, prestressed and reinforced channel bridges, reinforced concrete culverts, and timber beams/timber trestle bridges. For a typical bridge, the load rating process involved developing and analyzing the superstructure structural model in AASHTOWare BrR, substructure structural model in RC Pier (now LEAP Bridge Concrete), and post processing the analysis results using Mathcad to effectively determine the load carrying capacity of the bridge (load rating factors) and accordingly recommending the posting load to LADOTD. This project's scope was initially the load rating of 311 bridges located across Louisiana, however later another 300+ bridges and culverts were added to the scope. SDR Engineering provided the load rating services for this project.
08/20 - 09/20	**Bridge Deck Investigation using Ground Penetrating Radar (GPR) system, Louisiana. Louisiana Department of Transportation and Development**. Engineer Intern. Responsibilities included performing GPR investigation of bridge decks for 5 bridges across Louisiana using a vehicle mounted GPR setup provided by 3D-radar (now Kuntur), processing and analyzing scanned data, summarizing insights, and compiling reports regarding feasibility and usefulness of such an investigation. SDR Engineering provided the investigation services for this pilot GPR bridge deck evaluation project.

Gresham Smith

Herbert "Bert" Moore, II, P.E., PLS, PTOE

Project Executive

Years of experience with this firm/employer	10
Years of experience with other firm(s)/employer(s)	16

	Bachelor of Science / 1999 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0031065 / LA / Exp. 9/30/26 | PTOE 2728 / Exp. 9/30/26 | PLS 5043 / LA / Exp. 9/30/26		
Year registered	2004(PE); 2009(PTOE); 2010(PLS)	**Discipline**	P.E./Civil, PLS, PTOE
Contract role(s) / brief description of responsibilities	Traffic Design Lead / Bert will provide management and oversight for Traffic Design Team 1 and lead traffic-related tasks, as needed.		

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).**
Career	Bert is a professional engineer with more than 24 years of experience designing and managing projects in the fields of traffic and transportation engineering. He previously spent six years as the district traffic operations engineer for LADOTD where he was responsible for the daily maintenance and operation of signs, striping and traffic equipment for 2,000 miles of roadway and over 600 traffic signals in the Department's Baton Rouge district. His experience is in traffic operations, traffic control, signal warrants, traffic signal timing and design, safety studies, the implementation of access management principles, temporary traffic control for work zones, Transportation Management Plans (TMP), and bicycle and pedestrian accommodations the roadway network. Bert has been the Project Executive and led the traffic efforts of this contract over the past 8 years.
02/16–06/20	**LADOTD, SRTS/LRSP Task Order 2: McMillan Road Intersection Traffic Study, West Monroe, LA | *Project Manager*.** Bert utilized his knowledge of LADOTD's traffic signal program to identify areas for improvement in the local roadway network and to work with local officials and LADOTD Maintenance staff to identify the most appropriate intersection improvements to meet the project needs.
2/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 & 21: Endom Bridge, West Monroe, LA | *Project Executive.*** Bert was responsible for overseeing the data collection, analyzing the traffic counts to determine appropriate lane configuration and geometry, and support and coordination of overall design.
8/17–2/19	**LADOTD, SRTS/LRSP Task Orders 9 & 14: Farmerville Sidewalks Report and Design, Farmerville, LA | *Project Executive.*** Bert was responsible for support and coordination of design report and QA/QC.
9/17–11/17	**LADOTD, SRTS/LRSP Task Order 8: Design Reports for LR West Feliciana Striping, West Feliciana, LA | *Project Executive.*** Bert was responsible for support and coordination of design report and QA/QC.
02/16–06/20	**LADOTD, SRTS/LRSP Task Order 1: Vidalia Traffic Study, Vidalia, LA | *Project Manager*.** Bert worked closely with the local municipality and all stake holders to determine all critical project issues and to develop solutions that could be implemented in a cost-effective project to improve safety and traffic flow.

10/17–5/19	**LADOTD, SRTS/LRSP Task Orders 5 & 11: Ouachita Schools Report and Design, Ouachita Parish, LA | *Project Executive.*** Bert was responsible for support and coordination and QA/QC of project report and the design plans.
12/17–2/18	**LADOTD, SRTS/LRSP Task Order 10: Design Reports for Foster/Greenwell Springs Road Diets and Sidewalks, Baton Rouge, LA | *Project Executive.*** Bert was responsible for support and coordination of design report and QA/QC.
9/18–04/21	**LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA | *Project Executive.*** Bert is responsible for support and coordination of overall design and QA/QC. Bert will also assist by providing his traffic engineering experience for the signing and striping of the road and pedestrian facilities.
02/16–06/20	**LADOTD, SRTS/LRSP Task Order: Constitution Drive Traffic Study, West Monroe, LA | *Project Executive*.** Bert was responsible for leading the traffic study. Bert oversaw the data collection and peak hour field observations, analyzed the traffic data, reviewed crash reports, development of recommended improvements and the report. Also led meetings with the mayor to discuss recommendations outlined within the traffic study.
07/21–Ongoing	**MovEBR, Sherwood Forest Blvd MUP, Baton Rouge, LA – *Project Executive*.** Gresham Smith is designing a multi-use path (MUP) along the west side of South Sherwood Forest Boulevard from South Harrell's Ferry Road to Old Hammond Highway. Gresham Smith was selected to provide the safety and timing for the traffic signals through this project, to review the feasibility of the improvements required to the traffic signals. Gresham Smith was also tasked design the upgrades of these traffic signals to accommodate the MUP and the crosswalks required.
11/16–06/21	**LADOTD, SRTS/LRSP Task Order 4, Monroe Guardrail, Monroe, LA | *Project Executive.*** Bert was responsible for maintaining client relationships and project schedules and budgets.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA | *Project Executive*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users.
02/22—Ongoing	**City of Dallas, Vernon/ Tyler Gap from Polk Street to DART Tracks, Dallas, TX.** Gresham Smith was selected to provide planning and engineering services to the City of Dallas to update their Bicycle Master Plan, prepare feasibility studies for specific high priority bicycle facilities, and develop final design plans for specific high priority bicycle facilities. The scope of this project includes updating the City-Wide Bicycle Network to reflect existing conditions, priority destinations or connections, and desired facility types comfortable for a wide range of ages and abilities; ensuring bicycle route feasibility based on City traffic engineering standards and specifications, safety and public input; updating design standards for bicycle facilities based upon identified national, state and local best practices; creating a prioritized and phased implementation plan; and setting a path for incorporating the Dallas Bike Plan in the Thoroughfare Plan, City Code, etc.
03/16–10/17	**LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA | *Project Executive*.** Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around Farmerville. The project included data collection, crash review, development of growth rates, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Bert was responsible for the overall study and led meetings with local officials and agencies.

Gresham Smith

Brennon Hughes, P.E.

Project Manager

Years of experience with this firm/employer	8
Years of experience with other firm(s)/employer(s)	6

Degree(s) / Years / Specialization	Bachelor of Science / 2011 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0039985 / LA / 3/31/26		
Year registered	2015	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Project Manager / Brennon will lead the project management operations for Roadway Design Team 2 and assist with roadway tasks including cost estimates and development of bid packages.		

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).**
04/18–12/19	**LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Farmerville, LA | *Lead Roadway Design Engineer.*** Brennon was responsible for leading the design and the preparation of preliminary and final plans and cost estimates. Brennon led the plan-in-hand meeting with local officials for the preliminary design review and served as engineer-of-record for the design development.
08/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | *Lead Roadway Design Engineer.*** Brennon led the design and the preparation of preliminary and final plans and cost estimates. This project involves safety and operations improvements for the intersection realignment, curb and gutter drainage design, sidewalks, and turnouts. The project is currently under construction.
09/17–06/19	**LADOTD, SRTS/LRSP Task Order 7: McMillan Street at Blanchard Street Design, West Monroe, LA | *Lead Roadway Design Engineer.*** This was a striping and intersection improvement project in West Monroe, LA. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates. The scope included the design and installation of an ADA ramp and a new crosswalk for pedestrian safety.
11/19–06/21	**LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades (West Feliciana) | *Lead Roadway Design Engineer.*** Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He also led the design and the installation and preparation of preliminary and final plans which includes new signing, striping along 10 local routes within the parish and guardrail replacement at 12 bridge and cross drain locations along with cost estimates. The project is currently under construction.

11/17–06/19	**LADOTD, SRTS/LRSP Task Order 11: Ouachita Sidewalks, Monroe, LA | *Lead Roadway Design Engineer.*** This was a sidewalks and drainage with cross sections project in Ouachita Parish, Louisiana, to enhance pedestrian safety. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates.
02/22--Ongoing	**City of Dallas, Vernon/ Tyler Gap from Polk Street to DART Tracks, Dallas, TX – *Design Engineer.*** Brennon was the design engineer of record for the Vernon/Tyler Gap (from Polk St to Dart Tracks) Project. This project consisted of converting an existing 6-lane corridor to a 4-lane corridor with buffered bike lanes. Additionally, existing 3- and 4-lane sections of the corridor were modified to accommodate bicycles within the existing roadway footprint. Brennon developed plans of a proposed striping layout on aerial background images, including quantities.
10/18–04/21	**LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA | *Lead Roadway Design Engineer*.** Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He is also leading the design and the preparation of preliminary and final plans and cost estimates. Brennon led the plan-in-hand meeting with local officials for the preliminary design review and served as the engineer of record for the design development. The project is currently under construction.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA | *Lead Roadway Design Engineer*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users.
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design | *Lead Roadway/Roundabout Design Engineer.*** Gresham Smith was tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Brennon is leading the design and the preparation of preliminary and final plans and cost estimates.
03/21–Ongoing	**MSY, Task 4: Entrance Road Capacity, Kenner, LA | *Lead Roadway Design Engineer*.** Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.

Gresham Smith

Richard Savoie, P.E.

Senior Roadway Engineer

Years of experience with this firm/employer	6
Years of experience with other firm(s)/employer(s)	40

Degree(s) / Years / Specialization	Bachelor of Science / 1978 / Civil Engineering, McNeese State University		
Active registration number / state / expiration date	P.E.0020936 / LA / 9/30/26		
Year registered	1983 (LA)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Senior Roadway Engineer/ Richard will oversee the performance of roadway design for Roadway Design Team 2 and provide 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).**
09/18–12/19	**LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Union Parish, Farmerville, LA | *Senior Engineer.*** Richard provided quality control review for the Final Plan submission for this Safe Routes to Public Places Project. The review was to ensure that the plans were developed in accordance with standard DOTD policy and procedure. Plans included installation of sidewalks along various local roadways, driveway adjustments to ensure ADA compliance and utility relocation avoidance.
09/18–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | *Senior Engineer.*** The project consisted of roadway realignment at the bridge approach to improve roadway geometry and safety. Right-of-way is being acquired at one quadrant of the intersection and Richard is assisting with the coordination between the right-of-way plans and the roadway requirements. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.
09/18–01/20	**LADOTD, SRTS/LRSP Task Order 18: Denham Springs Striping Design, Livingston Parish, LA | *Senior Engineer.*** This project includes the site evaluation of 9 local roadways with the highest accident rate history in the City of Denham Springs. Gresham Smith performed ball bank evaluations for every curve on the 9 routes and evaluated driveway locations, intersection geometry and signing issues. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewed all potential improvements, and performed QC review on the preliminary and final design plan submissions.
10/18–05/21	**LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA | *Senior Engineer.*** This project includes the site evaluation of 39 state and local roadways with the highest accident rate history in the Parish. Gresham Smith performed ball bank evaluations for every curve on the 39 routes. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewed all potential improvements, and performed QC review on the preliminary and final design plan submissions.

09/18–06/19	**Parish of Ascension, SRTPP/LRSP Applications	*Project Manager.*** The Parish of Ascension selected Gresham Smith to review their capital plan, investigate the accident rates and safety history of the locally maintained roadways, develop a proposed plan, and to submit applications to LADOTD for Safe Routes to Schools and Public Places and Local Road Safety Plans to acquire construction funding. Richard coordinated with the Parish officials and LTAP personnel on the submission requirements for the funding applications and ensured that all Parish and state guidelines and requirements were adhered to for the application process.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA	*Project Manager*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users. Richard is managing the project on a day-to-day basis and leading the coordination with our sub-consultants.
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design	*Senior Engineer.*** Gresham Smith is tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewing all potential improvements, and performed QC reviews on the preliminary and final design plan submissions.
03/21–Ongoing	**MSY, Task 4: Entrance Road Capacity, Kenner, LA	*Senior Engineer*.** Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes the widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.
02/90–03/14	**LADOTD, Project and Program Delivery.** Richard was the PM for the I-49 North project in Caddo Parish, from I-220 to the Arkansas State Line. The project started with the Corridor Selection Study and progressed to the Environmental Impact Study. Once the alignment was selected plan development began and thence project delivery for this $670 million project. As the Deputy Chief and Chief Engineer, he met with program managers in the Engineering Division and approved and recommended changes to their budget partitions and project schedules. Worked with District Administrators to exchange mileage with local entities when new roadways were being added to the department's roadway mileage. Was the Engineering Division's voting member on the LADOTD's Project Delivery Steering committee responsible for the department's different programs budget partition approval and overall project delivery. Richard was the LADOTD's 1st Value Engineering Director beginning in 1998 when the department was recognized by FHWA with the "Big Kahuna Award" for an outstanding program.

Gresham Smith

Ronnie Robinson, P.E.

Senior Transportation Engineer

Years of experience with this firm/employer	9
Years of experience with other firm(s)/employer(s)	33

Degree(s) / Years / Specialization	Bachelor of Science / 1982 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0024040 / LA / 3/31/26		
Year registered	1988	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Senior Transportation Engineer / Ronnie will assist with the development of roadway plans and cost estimates for Roadway Design Team 2.		

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).**
02/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | *Senior Engineer.*** Ronnie's responsibilities included developing preliminary and final plans and construction cost estimates. His efforts included coordination of the contaminated waste investigation, drainage layout and quality control for the preliminary design.
07/17–06/19	**LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Design, West Monroe, LA | *Senior Engineer.*** Ronnie's responsibilities included conducting field traffic observations and collecting field data for the study portion. For the design portion, his responsibilities included developing conceptual designs, preliminary and final plans and construction cost estimates.
04/18–12/19	**LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Farmerville, LA | *Senior Engineer.*** Ronnie was responsible for coordination with State and Local officials on the location of the proposed improvements and developing the Project Report which included defining project scope and preparing construction cost estimates to determine the feasibility of the project.
11/19–06/21	**LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades, West Feliciana Parish, LA | *Senior Engineer.*** Ronnie was responsible for the development of the guardrail design (preliminary and final plans) for the 12 bridge and cross drain sites along 10 local routes within the parish.

12/16–06/19	**LADOTD, SRTS/LRSP Task Order 5 & 11: Ouachita Parish Schools Report and Design, Monroe, LA | *Senior Engineer.*** Ronnie's responsibilities included coordination with State and Local officials on the location of the proposed improvements, developing preliminary and final plans, and reviewing cost estimates. Ronnie provided quality control for the preliminary design phase, participated in the plan-in-hand meeting, and provided design assistance for the development of the final design plans.
02/17–11/17	**LADOTD, SRTS/LRSP Task Order 1: City of Vidalia – Traffic Study, Vidalia, LA | *Senior Engineer.*** Ronnie was responsible for providing construction cost estimates.
11/16–02/18	**LADOTD, SRTS/LRSP Task Order 4: Monroe Guardrail, Monroe, LA | *Senior Engineer.*** Ronnie's responsibilities included coordination with State and Local officials on the location of the proposed improvements, collecting field data, developing preliminary plans, final plans and construction cost estimates.
11/16–05/18	**LADOTD, SRTS/LRSP Task Order 3: Desiard Street Striping, Monroe, LA | *Senior Engineer.*** Ronnie's responsibilities included developing preliminary and final plans and construction cost estimates. He also served as the Project Engineer during the construction phase, responsible for quantities and payments, oversight of the inspectors and project control and closeout.
12/17–02/18	**LADOTD, SRTS/LRSP Task Order 10: N. Foster Drive to Greenwell Springs Road (Pedestrian Improvements), Baton Rouge, LA | *Senior Engineer.*** Ronnie was responsible for coordination with State and Local officials on the location of the proposed improvements and developing the Project Report which included defining project scope and preparing construction cost estimates to determine the feasibility of the project.
03/16–10/17	**LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA | *Senior Engineer.*** Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around the City of Farmerville on both state and local routes. The project included data collection, safety/crash review, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Ronnie assisted with the development of alternatives and was responsible for developing construction cost estimates for various alternatives.

Gresham Smith

Zillah Zoleta, E.I.

Engineer Intern

Years of experience with this employer	3
Years of experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / 2022 / Civil Engineering / Louisiana State University		
Active registration number / state / expiration date	EI. 0035238 / LA / 3/31/2025		
Year registered	2022	**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Engineer Intern / Zillah will support Roadway Design Team 2.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
08/22–Ongoing	**City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA | *Engineer Intern.*** Gresham Smith is currently performing the design to convert this section of US 61 to a Superstreet. This design will remove all of the uncontrolled median breaks and replace them with directional median U-Turn or J-Turn with exclusive turn lanes. These J-Turns will be controlled by a 2 phased traffic signal which will only stop one direction of US 61 so that the U-Turns can be made. Additionally, the existing signalized intersection of US 61 at Lowes and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). Zillah is supporting geometric design and developing typical sections and plan profile sheets.
09/21–03/22	**LADOTD, LRSP TO#2 - Bonner Street Pedestrian Improvements, Ruston, LA | *Engineer Intern.*** Gresham Smith provided design services in connection with the installation of lighting, pedestrian signals, signs, striping, and pavement markings. Zillah served as the transportation engineer intern for this project. She was responsible for pedestrian crossing data collection at two bridges. She captured and counted multi-directional data for each intersection.
07/22-Ongoing	**LADOTD, Greenwell Springs & Wooddale Sidewalks, Baton Rouge, LA | *Engineer Intern.*** Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Greenwell Springs and Wooddale Dr in Baton Rouge, LA. Zillah is responsible for development of typical section and plan profile sheets.
06/21–Ongoing	**LADOTD, Complex Bridge Inspections Task Orders 3, 4, 5 and 6, Statewide, LA | *Engineer Intern.*** Zillah assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Zillah worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LADOTD's traffic control standards.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA | *Engineer Intern.*** This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah's responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.

Gresham Smith

Matthew Cho, P.E.

Project Engineer

Years of experience with this employer	1
Years of experience with other employer(s)	8

Degree(s) / Years / Specialization	Bachelor of Science / Engineering / University of Texas at Austin		
Active registration number / state / expiration date	P.E. 135522 / Tx / 6/30/2025		
Year registered	2019	**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Project Engineer / Matthew will provide roadway design in support of Roadway Design Team 2.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
03/24–Ongoing	**City of Dallas - Military Parkway Corridor Complete Streets Mobility Plan, Dallas, TX | *Project Professional.*** As a project professional, Matthew will be providing key insights into the existing and future conditions analysis and alternatives development that will create a corridor mobility plan for Military Parkway from Forney Road to Buckner Boulevard. This goal of this project is to address the safety of all road users, improved pedestrian and transit access, provide signal upgrades, and develop a multimodal corridor concept to accommodate continued growth and reinvestment.
01/22–09/23	**City of Austin – Doss ES & Murchison MS Bikeway & Pedestrian Improvements*, Austin, TX | *Project Engineer.*** Matthew was responsible for the all ages and abilities design to install 1.3-mile bike lanes (one-ways & two-ways) on North Hills Drive which services both Doss ES and Murchison MS. The project scope also included designing compliant curb ramps at various intersections, improve crossing treatments (pedestrian islands) at non-stop controlled intersections, bike ramps to bypass existing bus stops, and filling in sidewalk gaps. All treatments were designed to ADA and PROWAG guidelines. He also provided construction phase services such as assisting with field layout and responding to RFI's
03/23–11/23	**City of Austin – Chicon St Bikeway & Pedestrian Improvements*, Austin, TX | *Project Engineer.*** Matthew was responsible for all ages and abilities design to install shared use path (SUP) and elevated bike lanes through a constrained section of roadway without the need to acquire ROW. Scope also included designing compliant curb ramps at various intersections, improve crossing treatments (pedestrian islands) at non-stop controlled intersections, and bike ramps. All treatments were designed to ADA and PROWAG guidelines. He also provided construction phase services such as assisting with field layout and responding to RFI's. Additionally, he assisted the Construction PM with stakeholder engagement by providing design alternatives to modify a property's parking usage.
10/22–02/23	**City of Austin – Zavala ES SRTS Project*, Austin, TX | *Engineer of Record.*** Matthew developed all ages and abilities design to install compliant curb ramps at various intersections, improve crossing treatments (pedestrian islands) at non-stop controlled intersections, and curb extensions. The intersections improvements were adjacent to the school property, so AutoTurn simulations were run for a standard school bus around the proposed treatments to verify no perceived impacts. All treatments were designed to ADA and PROWAG guidelines.

Gresham Smith

Michael Joyner, P.E., RSP1

Transportation Engineer

Years of experience with this employer	9
Years of experience with other employer(s)	1

Degree(s) / Years / Specialization	Bachelor of Science / Civil and Environmental Engineering / Mississippi State University		
Active registration number / state / expiration date	P.E. 31639 / MS / Exp. 12/31/2025 | RSP1 661 / Exp. 8/3/27		
Year registered	2021 (MS)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Transportation Engineer / Michael will assist with the design of roadway plans for Roadway Design Team 2.		

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).**
05/21–06/24	**MDOT, 2020 RWD WA#4 I-10 Widening & ITS Design, Harrison/Hancock County, MS | *Transportation Engineer.*** Gresham Smith was contracted to provide Phase B roadway design and ITS plans. Design components included 12 miles of interstate widening, 25 miles of ITS design, and a two-mile multi-use path. Michael led the 3D roadway model efforts, and assisted with the multi-use path design, and permanent signing plans
06/20–06/21	**MDOT, 2018 TRD WA #3 Proposed J-Turn at US 61 and SR 553, Fayette, MS | *Transportation Engineer.*** Gresham Smith was contracted to provide Phase A and B roadway design plans for intersection improvements at the intersection of US 61 with SR 553 in Jefferson County. Michael was responsible for a J-Turn 3D roadway model, running turning movements in AutoTurn and permanent signing.
08/21–12/22	**MDOT, 2018 TRD WA #5 SR 15 Laurel Access Management Phase A, Jones County, MS | *Transportation Engineer.*** Gresham Smith was contracted to provide conceptual plans to upgrade a five-lane section to a four-lane boulevard with strategically placed U-turns. Michael responsibilities included running AutoTurn for U-Turn and left turn movements, raised median design, and signal inventory. Michael also led the roadway drainage design efforts.
06/20–03/21	**MDOT, 2018 TRD WA #2 Clinton Signal Corridor Retiming, Clinton, MS | *Transportation Engineer.*** Michael was responsible for signal inventory and organizing traffic counts for 15 intersections along the existing corridors of US 80, Springridge Road, and Clinton- Raymond Road in Clinton, MS. A capacity analysis was also performed to help determine the benefits of future upgrades to the system.

Gresham Smith

Greg Williams, P.E.

Senior Transportation Engineer

Years of experience with this employer	6
Years of experience with other employer(s)	24

Degree(s) / Years / Specialization	Bachelor of Science / Engineering / Mississippi State University		
Active registration number / state / expiration date	P.E. 0014058 / MS / 12/31/2025		
Year registered		**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Senior Transportation Engineer / Greg will provide roadway design in support of Roadway Design Team 2.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
06/18--05/23	**MDOT, Interstate New Construction I-269 from I-55 to the MS/TN State Line DeSoto and Marshall Counties, MS | *Design Section Engineer*.** Supervised the preparation of grading and paving construction plans for 26 miles of new interstate highway in DeSoto and Marshall Counties, including a new full cloverleaf interchange with collector-distributor roads at I-22, as well as eight new diamond interchanges at other crossing routes including SR 302, SR 305, and SR 309.
05/17--05/22	**MDOT, Interstate Widening I-55 from Commerce Street (Hernando) to S.R. 302 (Southaven) - DeSoto County, MS | *Design Section Engineer.*** Supervised the preparation of final right-of-way plans for 11 miles of interstate widening in DeSoto County to increase capacity, including reconstructed interchanges at Commerce Street, Nesbit Road, and Church Road, as well as one additional proposed new interchange at Starlanding Road.
Career	Greg is a licensed professional engineer with 30 years of experience, 25 of which was within the MDOT Roadway Design Division as a Section Engineer, a Design Team Leader, and a designer. Serving as Section Engineer for four of the six MDOT districts, Greg gained a broad range of expertise in numerous MDOT projects, including design of the state's first continuous-flow intersection, numerous bridge replacement projects, and the recently completed I-269 beltway interstate. He was also heavily involved in helping accomplish the 1987 Ahead 4-Lane Program, designing both new construction and parallel 4-lane projects along six different routes in sixteen counties. During his last few years at MDOT, Greg was tasked as Project Manager of the updated Roadway Design Manual, which is now nearing completion. At Gresham Smith, he has taken the role as Project Manager for the US 11 bridge replacement and urban widening project in Pearl River County and assisted in the design of a variety of other projects.

Gresham Smith

Jacob Dillard
Engineering Technician

Years of experience with this employer	3
Years of experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / Civil Engineering / University of Mississippi		
Active registration number / state / expiration date	N/A		
Year registered	N/A	**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Engineering Technician / Jacob will support roadway design for Roadway Design Team 2.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
06/22–09/23	**MDOT, 2020 RWD I-10 Widening Harrison/Hancock, Diamondhead, MS | *Engineer Intern.*** Gresham Smith developed Phase A field inspection plans and Phase B roadway final plans for the widening of 12 miles of I-10 from four to six lanes in Harrison and Hancock Counties. Gresham Smith also provided ITS design plans for this project, including a Systems Engineering Analysis (SEA) report. Jacob's responsibilities included: 3D modeling, permanent signing plans assistance, pavement marking design assistance, drainage analysis, and summary of quantities sheet generation using SQS generator
06/22–06/24	**MDOT, SR 2 Tippah Phase B Roadway and Bridge, Tippah County, MS | *Engineer Intern.*** Our team is providing Phase B Roadway and bridge final plans for SR 2 between existing SR 15 and the SR15 Bypass in Tippah County, which will include the proposed interchange at the SR 2/SR 15 Bypass, and a segment of the SR15 Bypass. Design for SR 2 includes grading, drainage, bridges, and paving, while design for the SR 15 Bypass and interchange ramps include grading and drainage only. Jacob's responsibilities included: assistance in plan profile sheets, form grading and quantities calculations.
06/22–01/23	**MDOT, 2018 TRD WA #5 SR 15 Laurel Access Management Phase A Jones County, MS | *Engineer Intern.*** Gresham Smith was contracted to provide conceptual plans to upgrade a five-lane section to a four-lane boulevard with strategically placed U-turns. Jacob's responsibilities included running AutoTurn for U-Turn and left turn movements and plan preparation for typical sections and plan/profile sheets.

Gresham Smith

Alben Cooper III, P.E., PTOE

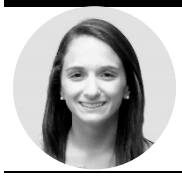
Senior Traffic Engineer

Years of experience with this employer	1
Years of experience with other employer(s)	17

Degree(s) / Years / Specialization	Bachelor of Science / 2006 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	PE.0036291 / LA / Exp. 9/30/25 | PTOE 3206 / Exp. 5/2/27		
Year registered	2011 (LA) 2012 (PTOE)	**Discipline**	P.E./Civil; PTOE
Contract role(s) / brief description of responsibilities	Senior Traffic Engineer / Alben will support the development of traffic deliverables assigned to Traffic Design Team 1.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
05/21–Ongoing	**MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA – *Senior Engineer.*** Gresham Smith was selected to perform a traffic study and design of the pedestrian signal accommodations and crosswalks along Sherwood Forest Blvd between South Harrell's Ferry Road and Old Hammond Highway for the Sherwood Forest multi-use path. Mr. Cooper performed QA/QC for the design of the traffic signals for the I-12 at Sherwood Forest Blvd interchange including pedestrian signals for the multi-use path along the west side of Sherwood Forest Blvd.
08/20–08/21	**Westbank Expressway at Whitney Ave Signal Modifications, Jefferson Parish, LA – *Lead Designer.*** As lead designer, Alben was responsible for the design of signal modification at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The crossing included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. Mr. Cooper coordinated with DOTD to ensure the design met all requirements for the signalized crossing.
11/20–01/21	**Livingston Counts and Crosswalk Studies, Livingston Parish, LA – *Lead Engineer.*** This project included the collection of traffic/pedestrian data and performing crosswalk studies at four locations in Livingston Parish, LA. Mr. Cooper was the lead engineer for this project and was responsible for overseeing each study, one of which included multiple school crossings. The crosswalk studies were prepared in accordance with the LADOTD Traffic Engineering Manual. Mr. Cooper performed QA/QC for each study to ensure compliance with the guidelines in the manual.
07/18–01/20	**Fat City Improvements – Traffic and Parking Study, Jefferson Parish, LA – *Lead Traffic Engineer.*** This traffic study was performed to evaluate potential improvements to the parking and circulation patterns within the area known as Fat City in Jefferson Parish, LA. The recommendations of the study were a part of an overall plan to revitalize Fat City. Mr. Cooper was the lead traffic engineer on the project which relied heavily on communicating with the district councilperson and various stakeholders. Potential improvements included a wide variety of solutions including converting streets to one-ways, adding bike paths, modifying on-street parking, adding off-street parking, ordinance changes, and improving pedestrian facilities. After the study completion, Mr. Cooper was invited to be a member of a stakeholder committee to provide input on transportation related items related to the Fat City revitalization.

Gresham Smith



Rebecca Murray, P.E., PTOE, RSP1

Traffic Engineer

Years of experience with this employer	10
Years of experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / 2015 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0043788 / LA / Exp. 3/31/26 | PTOE 4861 / Exp. 3/26/26 | RSP1 611 / Exp. 4/5/27		
Year registered	2019 (LA) 2020 (PTOE) 2021 (RSP1)	**Discipline**	P.E./Civil; PTOE; RSP1
Contract role(s) / brief description of responsibilities	Traffic Engineer / Rebecca will assist with the development of traffic deliverables assigned to Traffic Design Team 1		

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).**
10/16–03/17	**LADOTD, SRTS/LRSP Task Order 2: McMillan Street Traffic Study, Monroe, LA | *Pre-Professional.*** Rebecca's role on the project was to review and analyze traffic count data, distribute trips throughout the study area, evaluate crash data and analyze proposed improvement alternatives.
05/17–03/19	**LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA | *Pre-Professional.*** Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, conduct a Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives and development of the report.
07/18–12/21	**LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA | *Engineer.*** Gresham Smith collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety toolbox. Traffic analysis was performed using mainly HCS and Synchro and other software tools as needed. We reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analysis to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), and we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed. Rebecca assisted with review of the count data, development of growth rates, crash data analysis, performed the existing and future traffic analysis, performed the safety effectiveness evaluation and developed the benefit-cost ratios for the alternatives.
11/17–01/18	**LADOTD, SRTS/LRSP Task Order 12: Constitution Drive Safety Study, West Monroe, LA | *Pre-Professional.*** Rebecca's role was to review traffic and crash data, perform traffic analysis, develop alternatives and the project report as well as assist with the design of pedestrian improvements and traffic signal plans

05/17–01/19	**LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA | *Pre-Professional.*** Rebecca's role was to oversee data collection, develop a data collection report, perform the safety analysis, develop VISSIM models for 6 alternatives and calibrate the models, develop presentation material for the public meeting and development of the final report.
02/17–08/17	**LADOTD, SRTS/LRSP Task Order 1: City of Vidalia, Vidalia, LA | *Pre-Professional.*** Rebecca's role was to review traffic and crash data, perform traffic analysis, develop alternatives, and prepare the project report.
03/21–Ongoing	**MovEBR, Bluebonnet Boulevard Sidewalks (North Mall Dr. to Bluebonnet Centre Blvd.) City-Parish Project No. 20-EN-HC-0029, East Baton Rouge, LA | *Engineer.*** Gresham Smith was selected to perform a pedestrian operations study of the intersection of Bluebonnet Boulevard at Bluebonnet Centre/Blue Cross and to develop design plans to add pedestrian signals to the existing traffic signal in Baton Rouge, Louisiana. The goal of this project will be this project will bring this existing intersection up to current ADA requirements for pedestrians. Rebecca is leading the efforts for the traffic design report including traffic and pedestrian data collection, existing and future analysis using Synchro, existing safety analysis, and developing proposed pedestrian accommodations at signalized intersections using LADOTD and Baton Rouge City-Parish standards.
05/21–Ongoing	**MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA | *Engineer.*** Rebecca's role on the project was to oversee data collection, develop a data collection report, perform peak hour traffic observations, determine a growth rate, perform the safety analysis/crash review, perform existing and proposed traffic analysis, develop Synchro models for Existing, Future No Build and Build alternatives, prepare the project report and participate in the public meeting.
03/21–Ongoing	**MovEBR, Contract for Signal Rebuild Phase 1 Group 3 and Phase 2 Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA | *Lead Traffic Engineer*.** Gresham Smith shall perform engineering services for signal rebuilds in support for the Synchronization and Communication Signal Rebuild project. Services include all traffic investigations, data collection, analysis, and preparation of final signal construction contract plans. Rebecca led the efforts for the traffic design report including traffic and pedestrian data collection, existing and future analysis using Synchro, and developing proposed traffic signal timing plans using LADOTD and Baton Rouge City-Parish standards. Rebecca led the efforts for the traffic design report including traffic and pedestrian data collection, existing and future analysis using Synchro, and developing proposed traffic signal timing plans using LADOTD and Baton Rouge City-Parish standards.
05/21–Ongoing	**MOVEBR, LA 30 (Nicholson Drive) Segment 2 | *Lead Traffic Engineer*.** Rebecca's responsibilities for the traffic study included review of traffic count data, development of volumes, modeling the existing and proposed roadway networks using HCS software, crash analysis, alternative analysis and writing a report to summarize the findings. This project followed LADOTD's Traffic Engineering Process and Report guidelines.
10/22–Ongoing	**MOVEBR, Airline Hwy, North (Florida Blvd - Interstate I-110) (HUVAL) | *Project Manager*.** Gresham Smith is performing a traffic study for US 61 (Airline Highway) from the Interstate-110 interchange to the Florida Boulevard interchange. The traffic study will evaluate the widening of US 61 from 2-lanes to 3-lanes in each direction in addition to other capacity, safety, and access management improvements that aim to maximize project benefits.

Gresham Smith

Kofi Ampofo-Twumasi, E.I.

Engineer Intern

Years of experience with this employer	3
Years of experience with other employer(s)	0

Degree(s) / Years / Specialization	Master of Science / 2022 / Civil Engineering / University of Louisiana		
Active registration number / state / expiration date	E.I. 0035386 / LA / 9/30/2025		
Year registered	2022	**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Engineer Intern / Kofi will support the development of traffic deliverables assigned to Traffic Design Team 1		

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).**
08/21–Ongoing	**LADOTD, LRSP TO #6 (LA-14: US 90 to Power Center Pkwy) Traffic Report, Lake Charles, LA | *Engineer Intern*.** Gresham Smith is preparing and coordinating a traffic report to analyze no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 from US 90 (Fruge Street) to Power Centre Pkwy. This traffic report is being prepared in conjunction with the DOTD Engineering Directives and Standards Manual (EDSM).
11/22–Ongoing	**MovEBR, Airline Hwy, North (Florida Blvd - Interstate I-110)(HUVAL) | *Engineer Intern*.** Gresham Smith is preparing a traffic study which includes US 61 (Airline Highway) from the Interstate-110 interchange to the Florida Boulevard interchange. The traffic study is evaluating the widening of US 61 from 2-lanes to 3-lanes in each direction in addition to other capacity, safety, and access management improvements that aim to maximize project benefits.
10/20–08/23	**Ascension Parish, TO #2-LA 621 Realignment Mitigation, Gonzales, LA | *Engineer Intern*.** Gresham Smith is preparing and coordinating a traffic study to analyze existing and future conditions along LA 73 from the I-10 westbound terminal to near Norris Trail and LA 621 corridor from LA 73 to east of L Landy Rd to ensure that the mitigation of the realignment of LA 621 will cause no adverse effects to the study area.
04/22–Ongoing	**MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA | *Engineer Intern*.** Gresham Smith is providing services through a Master Contract: 43075.00 LADOTD-Retainer-ITS CE&I Services-Statewide (Contract 44-11253, T.O. #011513) to Implement the Fiber Optic Mapping & Management system in Lake Charles, New Orleans and Monroe. Our team is providing management throughout the duration of the project for all tasks.

Gresham Smith

John Weres, P.E.

Structural Design Engineer

Years of experience with this employer	8
Years of experience with other employer(s)	36

Degree(s) / Years / Specialization	Bachelor of Science / 1980 / Civil Engineering, University of Pittsburgh		
Active registration number / state / expiration date	PE.0036429 / LA / Exp. 9/30/2025		
Year registered	2011 (LA) 1985 (PA)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Sr. Structural Design Engineer / John will support all structural design tasks assigned to the team.		

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).**
8/15–11/18	**LADOTD, ITS Design & Implementation WO# 4: H.011503 – I-10 Twin Span ITS, Slidell, LA	*Lead Structural Engineer*.** Gresham Smith was selected to develop design plans along with specifications and cost estimates for the eight-mile I-10 Twin Span ITS project. Involves ITS equipment retrofit along the corridor utilizing existing fiber, electrical systems, cabinets, camera poles, a Digital Message Sign (DMS) pole, a communications hut and a bridge health system. John was responsible for the structural analysis required for the new 60' camera poles to be places along existing foundations on the bridge, design of the platforms and handrails, and for the foundation, support pole and butterfly truss, the 1st of its kind in Louisiana, to support the Dynamic Message Sign that was placed on the bridge crossover.
05/19–04/22	**LADOTD, Local Road Safety Program, West Feliciana Parish, LA	*Lead Structure Engineer*.** John provided recommendations for standard plans and details to be incorporated for the proposed bridge railing replacements. He performed preliminary site inspection and ball bank testing. John coordinated RFI and standard drawing modifications and LADOTD Complex Bridge Inspection tasks.
11/17–06/20	**MDOT, MS-178 Benton County Bridges, Benton County, MS	*Lead Structure Engineer.*** John served as the Lead Design Engineer for the final design of a 2-cell box culvert and two prestressed concrete girder structures in northern Mississippi. These water crossings improved the hydraulic conditions at the sites and incorporated low-maintenance details such as jointless bridges.
07/18–06/21	**MDOT, SR 149 Simpson County Bridge Replacements, MS	*Lead Structure Engineer.*** Gresham Smith is partnering with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. Gresham Smith is designing the two longer structures (Bridge 128.2 and Bridge 128.6). This is the first instance of partial depth deck panels utilized for MDOT as a pilot to verify the ease of construction and as an accelerated (ABC) time condition.

Gresham Smith

Courtney Rome, P.E.

Bridge Engineer

Years of experience with this employer	7
Years of experience with other employer(s)	8

Degree(s) / Years / Specialization	Bachelor of Science / 2009 / Civil Engineering, Southern University and A&M College		
Active registration number / state / expiration date	PE.0043355 / LA / Exp. 9/30/25		
Year registered	2019 (LA)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Bridge Engineer / Courtney will support all structural design related tasks assigned to the team.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
06/19 – 10/23	**LADOTD, Complex Bridge Inspections, Statewide, LA | *Engineer.*** As an NHI Certified Bridge Inspector, Courtney performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and moveable bridges.
07/19 – Ongoing	**TDOT, Complex Bridge Load Ratings, Statewide, TN | *Project Engineer*.** Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software. Courtney performed QC reviews on the load rating analysis and reports.
06/21 – 08/21	**FLDOT, Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL | *QA/QC.*** Florida DEP selected Gresham Smith to inspect and evaluate two historic bridges, the Seven Mile Bridge and the Bahia-Honda Historic Truss. Both structures are closed to traffic.
11/17 – 01/18	**TDOT, Off-System Underwater Bridge Inspections, Statewide, TN | *QC Reviewer*.** Courtney provided quality control reviews for the inspection reports and graphics. The project included over 50 bridges throughout Tennessee
11/17 – 12/20	**MDOT, SR 178 Benton County Bridge Replacements, MS | *Engineer.*** Gresham Smith provided final design (Phase B) services for the replacement of two water crossings on parallel alignment. Both bridges include utilization of prestressed Florida I-Beams (FIB) to maximize span lengths while minimizing structure depths. Courtney performed the deck design and beam design services for a one-span (135-foot) and three-span (80- x 100- x 80-foot) structure and also completed the design of pipe piles for the pier bents.

Gresham Smith

Christina Florez, P.E.

Electrical Engineer

Years of experience with this employer	8
Years of experience with other employer(s)	15

Degree(s) / Years / Specialization	Bachelor of Science / 2001 / Electrical Engineering, Florida International University		
Active registration number / state / expiration date	P.E.0038799 / LA / Exp. 9/30/24 | P.E. 65603 / FL / Exp. 2/28/25		
Year registered	2014 (LA), 2007 (FL)	**Discipline**	P.E./Electrical and Computer
Contract role(s) / brief description of responsibilities	Electrical Engineer / Christina will assist with the electrical design of required lighting for assigned tasks.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
10/21 – Ongoing	**ALDOT, Statewide Regional Traffic Operations Program (RTOP) Program, Statewide, AL | *Project Manager.*** ALDOT's RTOP will improve traffic flow, safety and travel time reliability through active arterial management strategies along multijurisdictional corridors. Gresham Smith is leading a team of consultants and contractors to deliver proactive signal operations and maintenance. As Project Manager, Christina is responsible for leading a team of signal consultants and contractors tasked with elevating the performance of the Birmingham metro-area arterials through active management of signals, maintenance and repair of signal systems and related ITS assets including communications, support for special events and emergencies, data collection and reporting, as well as coordination with ALDOT and local agencies.
3/20 – Ongoing	**TDOT, Traffic Studies, I-24 MOTION Test Bed, Davidson and Rutherford Counties, TN | *Lead Technical Advisor.*** TDOT established a test bed to better understand how vehicle automation and active traffic management impacts real world driving scenarios. Christina designed the communication and power infrastructure for the network. She also helped develop the systems engineering analysis, secured grant funding, designed, and supported the construction of the Test Bed which consisted of 276 cameras that generated 50TB+ of data daily. Christina is currently providing on-going operational support.
1/19 – 3/24	**LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | *Project Manager.*** Gresham Smith provided Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Christina was responsible for oversight of the entire project.

2017 – 2020	**FDOT D6, SR 826/Palmetto Expy from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL | *Project Manager/ITS EOR*.** Christina was responsible for project management, ITS design, segment coordination, discipline coordination, and QAQC. The design included CCTV cameras, DMS, arterial DMS, MVDS, and Ramp Signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generator. Responsibilities – Project Management, ITS Engineer of Record
2/17 – 10/17	**LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – Systems Engineering Assessment (SEA), Various Locations, LA | *Project Manager.*** The project consists of modifications and upgrades of the existing infrastructure to provide connectivity to various signals. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.
5/17 – 8/17	**Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA | *Project Manager.*** Gresham Smith developed the Systems Engineering Assessment for the project. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.
10/10 – 8/17	**FDOT D6, ITS Support, Miami, FL | *Project Manager, Senior Engineer*.** Christina was responsible for coordination, management, and technical support of all engineering services for the on-call contract. The contract included multiple task orders to support FDOT's ITS program, including providing ITS reviews for the SR 826/I-75 Express Lanes, I-75 Segment AB Express Lanes, and I-75 Systems Integrator projects; supporting FDOT's oversight and review of the ITS component plans and specifications of the Port of Miami Tunnel project; updating server room as-builts; and providing support for contract negotiations on various projects, including Okeechobee Road design and Palmetto Express design projects.
12/15 – 3/17	**MetroPlan Orlando, 2016 - 03 ITS Master Plan, Orlando, FL | *Project Manager, Senior Engineer*.** Responsible for the development of the ITS Master Plan that included determination of the ITS Vision, Goals and Objections, review and documenting the existing conditions, infrastructure and inventory, identifying ITS needs, identifying applicable ITS strategies, review of the regional ITS architecture, development of the Concept of Operations, and prioritization of the ITS Master Plan. Christina's responsibilities included project management, ITS technical support, development of ITS needs and applicable ITS strategies, and development of concept of operations.

Gresham Smith

Julian Bordelon, P.E.

Electrical Engineer

Years of experience with this employer	6
Years of experience with other employer(s)	2

Degree(s) / Years / Specialization	Bachelor of Science / 2018 / Electrical Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E. 0047473 / LA / Exp. 9/30/25		
Year registered	2023 (LA)	**Discipline**	P.E./Electrical
Contract role(s) / brief description of responsibilities	Electrical Engineer / Julian will support the lighting design team.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).**
11/22–Ongoing	**LADOTD, CEI H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA | *Project Engineer.*** Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.
10/20–Ongoing	**MDOT ITS, Meridian ITS Design, Meridian, MS | *TSM&O Engineer.*** Gresham Smith is developing a system engineering analysis, ITS design plans, and specifications for I-59/I-20 between the I-59 @ I-20 interchange and the Mississippi state line. The project will install new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and a communications hub. Julian performed system engineering analysis, ITS design, voltage drop calculations, plans preparation, and field reviews.
9/20–Ongoing	**Jefferson Parish - Train Detection System, New Orleans, LA | *ITS Systems Specialist.*** Gresham Smith performed a system engineering analysis and concept of operations to develop a train detection system. Julian is responsible for developing the background functionality of train location prediction to send to the smart phone application.
12/18–Ongoing	**LA OTS, LADOTD, Video Distribution Management System (VDMS), Baton Rouge, LA | *Pre-Professional.*** Julian is providing ITS systems software maintenance and software development support for the statewide VDMS system which includes Baton Rouge, Houma, New Orleans and Shreveport.
12/18–Ongoing	**LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA | *Pre-Professional.*** Julian is responsible for field verification of traffic signal inventory (TSI) of LCG system, design plans for adaptive signal control intersections, and integration when the system is completed.
1/19–3/24	**LADOTD, CEI H.011500.6, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA | *Pre-Professional.*** Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.
12/18–10/22	**TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN | *ITS Systems Specialist.*** Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.

2/20–8/22	**KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY	*Pre-Professional.*** The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Julian is assisting in the development of the typical details and plans preparation.
1/19–12/22	**LADOTD, ITS CE&I IDIQ, Task Order #2 & ITS CEI WO #4: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston, Terrebonne, Lafayette, Pointe Coupee, St. Landry and Rapides Parishes, LA	*Pre-Professional.*** Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Julian was responsible for data entry, document development and quality control.
1/21–4/22	**GDOT, ITS Design: I-285 @ I-20 East Interchange Design Build, Atlanta, GA	*Pre-Professional.*** Gresham Smith developed design plans along with specifications and cost estimates for the I-285 @ I-20 ITS project. The project removed existing ITS equipment and installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and connections to existing communications hubs. Julian assisted with ITS design, voltage drop calculations, and plans preparation.
3/20–3/22	**MDOT, SR601 ITS Design, Gulfport, MS	*ITS System Specialist.*** Gresham Smith developed system engineering analyses, ITS design plans, and specifications for two sections of the new SR601 between I-10 and 11th Street. The project installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, Bluetooth detection, radar detection, a communications hub, and a highway advisory radio. Julian performed system engineering analysis, ITS design, voltage drop calculations, and plans preparation.
2/18–9/21	**LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA	*Pre-Professional*.** Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted with construction contract administration, field investigations, integration and testing, and construction inspection.
12/18–6/21	**TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN	*ITS Systems Specialist.*** Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.
12/18–1/19	**LADOTD, ITS Design & Implementation WO #6: Fiber Optic Mapping & Management, Statewide, LA	*Pre-Professional.*** For the statewide implementation of the Fiber Optic Mapping and Management System (NexusWorx), Julian was responsible for data entry, document development and quality control. This phase of the project included Tangipahoa, St. Tammany, St. John, and Orleans parishes and the Shreveport and Houma regions.

Firm employed by	Vectura Consulting Services, LLC			
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	9
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		B.S. / 1988 / Civil Engineer		
Active registration number / state / expiration date		PE. 0025383 / LA 09/30/2025		
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic Signal Design Lead – Traffic Design Team 2		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 - current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Brin is the task leader for Vectura for the **Construction Engineering and Inspection of 24 traffic signals**. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. **All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin.** She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on **design year volumes** that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included **traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses**. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with **vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street**. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative.
08/15-05/17	**Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)** Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETEs. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin was in responsible charge for **data collection and design for three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms.

	Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer on behalf of EBR for performing **CE&I services for the construction of 11 traffic signals**. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer for DOTD and EBR to perform **CE&I services for the construction of 21 traffic signals**. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included **traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout**. Design also included **traffic signal synchronization signal timing** and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included **traffic data collection, traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate**. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the **design of 66 signalized intersections** on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

Firm employed by	Vectura Consulting Services, LLC			
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP		Years of relevant experience with this employer	9
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010	
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2026	
Year registered	Civil	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Data Collection and Traffic Management Plan Supervisor – Traffic Design Team 2	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/23 – 11/23	**H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)** Laurence was the project manager for a **Level 4 Traffic Management Plan (TMP)** for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.
12/21 – current	**H.012030.5 US 371 KCS RR Overpasses HBI (Webster Parish, LA)** Laurence was the project manager for the design of permanent pavement marking and signing sheets for the construction plans in MicroStation. He will also participate in the QC of the sequence of construction and detour route.
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included **traffic data collection, safety analysis, existing conditions analysis and alternative analysis**. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
07/19 – current	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the **travel demand model** to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided **peer review** for the traffic studies for Ben Hur Road and Lee Drive.
02/21 - 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** Laurence was the lead traffic engineer for a Level 2 TMP for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the **project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection)** for proposed improvements College Drive. Since the I-10 interchange was included in the study, **approval from DOTD was required**. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a **Corridor Planning Study** for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to **develop growth rates and design year volumes**. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a **safety analyses** of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.

09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data from the travel demand model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management that included the I-12 interchange ramps. Laurence **collected 7-day, 24-hour counts** w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM **traffic simulation model** of the preferred alternative.
07/14 - 01/17	**FHWA Intersection & Interchange Geometrics: Innovative Design Considerations for All Users (Multiple States)** FHWA funded workshops for state Departments of Transportation that were interested in learning more about innovative intersection & interchange design. Laurence presented either part or all the one-day or two-day workshops that included modules on the overall policy and goals of FHWA for these types of innovations, roundabouts, roundabout interchanges, DLTs, DDIs, J-turns / Superstreets, MUT, Thru-turns, quadrant, and the assessment tools (CAP-X) available to compare the measures of effectiveness of each innovation. Each module includes sections on design, traffic operations, safety and multi-modal accommodation Laurence has presented for the Alabama, Kentucky, Ohio, Oklahoma, Massachusetts, Tennessee, and Texas Departments of Transportation under this contract.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Laurence performed a **Stage 0 Feasibility Study** for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, **collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines**. Once the traffic data was collected, Laurence performed **traffic signal warrants analyses**, performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.
03/10 - 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the **Stage 0**, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
11/09 – 08/10	**I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)** The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Laurence prepared documents and obtained environmental clearance for all on-site work and held public meetings. Laurence developed all HCS analyses and a micro-simulation model. Laurence also participated in several public meetings to satisfy the environmental clearance requirements.
09/06 - 09/07	**EBR 06-CS-HC-00012 Downtown Baton Rouge Signal Project (Baton Rouge)** Laurence was the Project Manager to develop **construction plans to upgrade 29 signals** in downtown Baton Rouge as part of the EBR Green Light Plan. Laurence developed a design study that included **traffic data collection**, handicap ramp recommendations, countdown pedestrian signals and internally illuminated street name signs.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.
04/04 - 12/04	**I-10 Frontage Roads, Picardy Interchange, Bluebonnet Siegen (Baton Rouge, LA)** Laurence provided the traffic analysis for a highly unique reconfiguration of interstate ramps that included frontage roads and an overpass of I-10 for new an interchange at Picardy. HCS and VISSIM were the primary analysis tools for the analysis. As part of the design team that developed the concept for this project, Laurence performed **feasibility studies**, developed design criteria, and coordinated with city, state and federal agencies for approvals as well as gathered public input. Laurence prepared traffic signal timings and designs that included cost estimates for the project.

Firm employed by	Vectura Consulting Services, LLC			
Name	Reece Rodrigue, PE, PTOE, RSP1		Years of relevant experience with this employer	4
Title	Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			B.S./2013/Civil Engr.	
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2026	
Year registered	Civil	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Engineer – Traffic Design Team 2	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/21 - current	**MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA** Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This projected included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
06/23 - Current	**H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** Reece is a member of the team to develop new policies and legislation related to C/AV.
06/23 - Current	**H.011507.1 Monroe Phase 3 SEA** Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.
07/21 - Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/23 – 02/24	**H.011504 Alexandria ITS Phase 2** Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 – 02/23	**H.012381.5 ITS Fiber Management System Data Collection** Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the **Traffic Management Plan** that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for **measuring anticipated construction quantities and producing a cost estimate** for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase,

	measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
11/21 – 12/21	**Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)** In response to the damage caused by Hurricane Ida, Reece **inspected streetlights** and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	**Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA** Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the **traffic signal plans** for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.
10/16 – 05/17	**Loyola Interchange Modification Request, Kenner, LA** Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.
02/15 – 12/15	**H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3** Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format.

Firm employed by	Vectura Consulting Services, LLC			
Name	Kristen Farrington, PE, PTOE, RSP1		Years of relevant experience with this employer	3
Title	Engineer		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			B.S. / 2014 / Civil Engr.	
Active registration number / state / expiration date			PE.0042785 / LA / 3/31/2025	
Year registered	Civil	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Project Engineer – Traffic Design Team 2	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/23 – current	**H.972501.1 South Range Road Stage 0 (Tangipahoa Parish, LA)** Kristen was the project manager for a Stage 0 project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development.
05/23 – 05/24	**US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)** As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the project manager for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report.
04/22 – 11/23	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen is the lead designer for four pedestrian hybrid beacons (PHB's) with two crossings located on state routes. The locations were approved in a previous study and are now under design for construction. Kristen is working closely with the City and DOTD on the construction plan development as PHB's are a new traffic control device for DOTD. Prior to the design of the PHB's, Kristen prepared a traffic study evaluating all six uncontrolled crosswalks along the path, which included data collection and determining the appropriate treatment for each crossing location based on FHWA, DOTD and MUTCD guidance.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a **Stage 0** study for 18 miles of two-lane highway. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods,

	and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as **unmet demand observations and calculations**. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
11/16 – 07/17	**H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** Kristen was the project engineer responsible for assisting with the site visits, data organization, **analysis of permanent alternatives and traffic control alternatives**, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement

Firm employed by: **SJB Group, L.L.C.**			
Name	**Charles "Tim" Brewer, PLS, PS, RPLS, LS, PS, RF**	Years of relevant experience with this employer	**3**
Title	**Vice President of Surveying**	Years of relevant experience with other employer(s)	**28**
Degree(s) / Years / Specialization	**Bachelor of Science in Forestry Management / 1988 / Mississippi State University**		
Active registration number / state / expiration date	**PLS.0005009 | Louisiana | 9/30/2025 | Registered 2009 | Professional Land Surveyor** **PLS.35341-S | Alabama | 12/31/2025 | Registered 2015 | Professional Land Surveyor** **RPLS.6142 | Texas | 12/31/2025 | Registered 2010 | Reg. Professional Land Surveyor** **PS.1683 | Arkansas | 6/30/2025 | Registered 2009 | Professional Surveyor** **LS.2726 | Tennessee | 12/31/2025 | Registered 2008 | Land Surveyor** **80756RPP | Oregon | 12/31/2025 | Registered 2008 | Reg. Professional Photogrammetrist** **PS.2766 | Mississippi | 12/31/2025 | Registered 1999 | Professional Land Surveyor** **RF.1286 | Mississippi | 12/31/2025 | Registered 1988 | Registered Forester**		
Contract role(s) / brief description of responsibilities	***Survey Project Manager.*** Mr. Brewer has over 30 years of survey experience and over 15 years of experience managing a wide variety of surveying projects for USACE, MDOT, LADOTD, MovEBR, MoveAscension, and private clients. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
10/23 – 12/24	**LA DOTD Project No. H005121.5 LA 1 – LA 415 Connector** *Project Manager.* The project provides field data for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits include a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA 1. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project includes the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDaR methods are utilized for the collection of data along the high traffic segments of LA 1 and processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.
04/23 – 09/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Surveyor of Record/Project Manager.* Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street

	from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements. The deliverables were provided in Autodesk format.
08/20 – 09/23	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03, 07, 61, 62** *Project Manager.* Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were used. All surveying was performed to LADOTD Location & Survey Section requirements.
03/22 – 8/22	**LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements** *Project Manager.* This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.
6/21 - Ongoing	**LA DOTD Project No. H.004100.5 – I-10: LA 415 to Essen on I-10 and I-12** *Project Manager.* SJB Group, L.L.C. performed the property surveying along a 4.4-mile stretch of Interstate 10 from St. Joseph St. to College Dr. in East Baton Rouge Parish, Louisiana for the Louisiana Department of Transportation and Development's widening project. This project required extensive title research to acquire the necessary existing surveys and deeds. It also required field surveying and mapping of more than one hundred twenty-five parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage servitudes, a railroad right-of-way, and numerous side streets in the heart of Baton Rouge.

Firm employed by: **SJB Group, L.L.C**				
Name	**Colby Mire, PLS**		Years of relevant experience with this employer	**9**
Title	**Assistant Survey Department Manager**		Years of relevant experience with other employer(s)	**0**
Degree(s) / Years / Specialization			**B.S. in Construction Engineering Technology | 2015 | Southeastern Louisiana University**	
Active registration number / state / expiration date			**PLS #0005308 | Louisiana | 9/30/2025**	
Year registered	**2023**	Discipline	**Professional Land Surveyor**	
Contract role(s) / brief description of responsibilities			***Surveyor*.** Mr. Mire has more than 9 years of experience in land surveying. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping projects for LA DOTD, MDOT, MoveBR, MoveAscension, and private clients.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
7/21 – Ongoing	**LA DOTD Project No. H.004100 – I-10: LA 415 to Essen** *Assistant Project Manager.* This project included a Property Survey and extensive Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, which included parcel data for approximately 125 parcels. A Leica TS16 Robotic Total Station was used as well as a Leica GS18 T GNSS RTK Rover for RTK. SUE data was collected using a combination of Ground-Penetrating Radar and Electromagnetic Pipe and Cable locators. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
8/20-4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62** *Assistant Project Manager.* Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition. The Topographic Survey of the project limits of each bridge included a complete inventory for each drainage structure (type, size, length, and invert) and cross sections of all drainage ways. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were used. All surveying was performed to LADOTD Location & Survey Section requirements.
4/23 – 9/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Assistant Project Manager*. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. A Leica TS16 Robotic Total Station, a Leica GS18 T GNSS RTK Rover, and a GeoSLAM ZEB Horizon 3D were used. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.

7/21 – 2/22	**LA DOTD Project No. H.012851 – Union Pacific Railroad Corridor (Plaquemine)** *Assistant Project Manager/Senior Technician.* This project included a Topographic Survey and Quality Level "D" and Quality Level "B" Subsurface Utility Engineering for this project located in Iberville Parish along the Union Pacific Railroad Corridor between the intersection of LA 1 and Bayou Road and the intersection of Belleview Drive and Railroad Avenue. A Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover were both used, the GS18 being used for both RTK and as a static base station. SUE data was collected using a combination of Ground-Penetrating Radar and Electromagnetic Pipe and Cable locators. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
3/22 – 8/23	**LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements** *Assistant Project Manager.* This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.
3/21 – 5/21	**City Parish No. 20-CP-HC-0046 – MOVEBR – Jefferson Highway at Bluebonnet Intersection Improvement** *Project Manager/Senior Technician.* Sub to Meyer Engineers. This project involved a Corridor Survey, Topographic Surveys, Property Surveys, Right-of-Way Mapping, Subsurface Utility Engineering, and the development of a map of existing drainage throughout the survey limits at the intersection of Jefferson Highway and Bluebonnet Boulevard. A Leica TS16 Robotic Total Station was used as well as a Leica GS18 T GNSS RTK Rover for both RTK and as a static base station. InRoads Suite MicroStation was utilized for the data processing and creation of all deliverables.

Firm employed by: **SJB Group, L.L.C.**				
Name	**Phillip Dowden**		Years of relevant experience with this employer	**3**
Title	**Mobile LiDAR Specialist**		Years of relevant experience with other employer(s)	**26**
Degree(s) / Years / Specialization			**Construction Management | 1985 | LSU**	
Active registration number / state / expiration date			**N/A**	
Year registered	**N/A**	Discipline	**N/A**	
Contract role(s) / brief description of responsibilities			***Mobile LiDAR Specialist / Survey Technician***. Mr. Dowden has more than twenty-seven years of experience in the survey field. He is knowledgeable in a variety of software including Trimble Business Center, POSPac MMS, TopoDOT, OpenRoads Designer, LadybugCapPro, IrfanView 64, and Quick Terrain Modeler. He is also thoroughly knowledgeable in a variety of equipment, such as the Trimble MX50 and tertiary equipment such as DMI, Ladybug, and Leica Base Positioning, Faro S350, Geoslam, and compact microdrones with Teledyne LiDAR, amongst others. His responsibilities include processing field data, project management, and occasionally conducting field work.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/23 – Ongoing	**LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements** *Mobile LiDAR Lead.* This project included a Topographic Survey of fifty-five intersections in the downtown area of New Orleans, Louisiana. The purpose of the project was to upgrade and construct pedestrian sidewalk crossings to ADA standards. The field data was collected via Mobile LiDAR Scanning utilizing a Trimble MX -50 and supplemented with conventional survey methods. The project included utility mapping of each intersection by records research. Additionally, the project included the determination of the existing right-of-way for the specific streets and LA DOTD roadways. The control for the project was established in accordance with the Louisiana Department of Transportation and Development Location and Survey Manual. The point cloud data was processed through Trimble Business Center and extracted with Topo Dot. The deliverables included topographic base maps, plan-profile sheets, coordinate files, and a control sketch.
10/23 –12/24	**LA DOTD Project No. 005121 LA 1 – LA 415 Connector** *Mobile LiDAR Lead*. The project provides field data for design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits include a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project includes the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDAR methods are utilized for the collection of data along the high traffic segments of LA 1 and processed through Trimble Business Center, with data extraction performed through TopoDot. The

	survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.
07/21 –10/23	**LA DOTD Project No. H.004100 - I-10: LA 415 to Essen** *Survey Technician.* Provided a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.
08/20 – 4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62** *Survey Technician*. Provided a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.
04/23 – 09/23	**LA DOTD H.017322.5 - Morgan City Sidewalks and Shared Use Path** *Mobile LiDAR Lead.* Provided a topographic survey, right-of-way survey and SUE of 2 linear miles of roadway in Morgan City, LA for ADA compliant sidewalk design. The project included a detailed topographic survey of data collected with robotic total station global positioning systems, and mobile LiDAR scanning.
3/22 – 8/23	**LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements** *Mobile LiDAR Lead.* This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.

Firm employed by: **SJB Group, L.L.C.**			
Name	**John Burleigh**	Years of relevant experience with this employer	**1.75**
Title	**Survey Technician**	Years of relevant experience with other employer(s)	**1.75**

Degree(s) / Years / Specialization			**B.S. in Geography | 2021 | LSU**
Active registration number / state / expiration date			**N/A**
Year registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities			***Survey Technician***. Mr. Burleigh has over a year and a half of experience as a Survey CAD Technician and Instrument Man. He has experience performing Boundary, Construction Stakeout, As-Built, ALTA, Topographic, Hydrographic, and Right-of-Way Surveying using both conventional and GPS instruments. He is also knowledgeable in AutoCAD Civil 3D and Bentley MicroStation.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
08/20 – 4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62** *Survey Technician.* Provided a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.
04/23 – 09/23	**LA DOTD: H.017322.5 - Morgan City Sidewalks and Shared Use Path** *CADD Technician / Instrument Man.* Provided a topographic survey, right-of-way survey and SUE of 2 linear miles of roadway in Morgan City, LA for an ADA compliant sidewalk design. The project included a detailed topographic survey of data collected with robotic total station global positioning systems, and mobile LiDAR scanning.
3/21 – 5/21	**City Parish No. 20-CP-HC-0046 – MOVEBR – Jefferson Highway at Bluebonnet Intersection Improvement** *CADD Technician.* Sub to Meyer Engineers. This project involved a Corridor Survey, Topographic Surveys, Property Surveys, Right-of-Way Mapping, Subsurface Utility Engineering, and the development of a map of existing drainage throughout the survey limits at the intersection of Jefferson Highway and Bluebonnet Boulevard. A Leica TS16 Robotic Total Station was used as well as a Leica GS18 T GNSS RTK Rover for both RTK and as a static base station. InRoads Suite MicroStation was utilized for the data processing and creation of all deliverables.
6/23 – 8/24	**Belle of Baton Rouge Renovations** *Survey Technician.* Sub to NORR. This project involved a Property Survey, Topographic Survey and a Right-of-Way Survey for renovations to the Belle of Baton Rouge. The survey was performed for traffic signal design engineering along St. James Street at Government Street and France Street. The project required right-of-way determination of right-of-way of the subject streets and a topographic survey of the surrounding area that included the collection of data of surface and sub-surface utility facilities.
04/23 – Ongoing	**City-Parish Project No. 21-DR-US-0038: Flood Risk Reduction Project for Beaver and Blackwater Channel Improvements** *CADD Technician.* Provided boundary surveying, right-of-way mapping, topographic surveying, title review, and subsurface utility engineering for 25 miles of proposed channel improvements.

Firm employed by: **SJB Group, L.L.C.**				
Name	**Elvis Nguyen**		Years of relevant experience with this employer	**8**
Title	**Field Crew Manager**		Years of relevant experience with other employer(s)	**20**
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			***Field Crew Manager.*** Mr. Nguyen has more than 26 years of experience as a Field Crew Manager and survey party chief. He has led field crews in performing boundary, topographic, right-of-way, and construction stakeout surveys throughout the State of Louisiana and can lead a crew in remote areas. His responsibilities are coordinating field crews, equipment maintenance, fleet maintenance and coordination, processing field data, and stepping in as Party Chief as needed for field work. *He is an ATSSA certified traffic control technician and supervisor.*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
08/20 – 4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03, 07, 61, 62** *Field Crew Manager.* Provided a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.
03/22 – 08/23	**LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements** *Field Crew Manager.* This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 (Ryan Street) near the campus of McNeese State University. The survey included all utilities, drainage, and finish floor elevations of buildings that fell within the survey limits. The total linear distance was approximately 2.67 miles. LiDAR Data was gathered using a Velodyne Mobile Scanner and Ladybug. Terrestrial Surveying was performed using a Leica TS16 Robotic Total Station and a Leica GS18 T GNSS RTK Rover. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LADOTD Location & Survey Section requirements.
04/23 – 09/23	**LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish** *Field Crew Manager.* This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. The project limits included Everett Street from Front Street to 4th Street, 4th Street from Everett Street to Barrow Street, and Myrtle Street from Youngs Road to Auditorium Drive. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LADOTD Location & Survey Section requirements.
7/21 – 2/22	**LA DOTD Project No. H. 012851 - Union Pacific Railroad Corridor, Plaquemine, Iberville Parish, LA** *Field Crew Manager.* Provided a topographic survey and SUE along the UPRR between the intersection of LA 1 and Bayou Road and the intersection of Belleview Drive and Railroad Avenue.

Firm employed by: **SJB Group, L.L.C.**				
Name	**Erick Kidder**		Years of relevant experience with this employer	**2**
Title	**Party Chief**		Years of relevant experience with other employer(s)	**11**
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			***Party Chief***. Mr. Kidder has 12 years as a Party Chief. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping using both conventional and GPS instruments. He is knowledgeable with several Leica Geosystems such as the ScanStation C10 3D Laser Scanner, TS16 Robotic Total Station, GS18 GNSS RTK Rover, and Viva GS16 GNSS rover.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
10/23 – 12/24	**LA DOTD Project No. 005121 LA 1 – LA 415 Connector** *Party Chief.* Provided field data for design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. Limits include a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. This effort included the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The collection of field data was completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDaR methods are utilized for the collection of data along the high traffic segments of LA 1 and processed through Trimble Business Center, with data extraction performed through TopoDot.
6/18 – Ongoing	**LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements** *Party Chief.* Provided a Topographic Survey of fifty-five intersections in the downtown area of New Orleans, Louisiana. The purpose of the project was to upgrade and construct pedestrian sidewalk crossings to ADA standards. Field data was collected via Mobile LiDaR Scanning utilizing a Trimble MX -50 and supplemented with conventional survey methods. Mr. Kidder led teams in the determination of the existing right-of-way for the specific streets and LA DOTD roadways. The control for the project was established in accordance with the Louisiana Department of Transportation and Development Location and Survey Manual. The point cloud data was processed through Trimble Business Center and extracted with TopoDot. The deliverables included topographic base maps, plan-profile sheets, coordinate files, and a control sketch.
04/23 – Ongoing	**City-Parish Project No. 21-DR-US-0038 – EBRP Flood Risk Reduction Project for Beaver and Blackwater Channel Improvements** *Party Chief.* Provided a Topographic Survey, Right-of-Way Mapping, Boundary Survey, Title Review, and Subsurface Utility Engineering for approximately 25 miles of proposed channel improvements. SUE investigations were performed at all bridge crossings along the channel to locate the majority of utilities crossing the channel. Known utility crossings discovered during

	records research that intersect the channel were also investigated to achieve Quality Level "B". Using this information a comprehensive map depicting horizontal locations of existing utilities crossing the channel was created to aid in the design of future channel improvements. A Leica TS16 Robotic Total Station and a Leica SmartNet HxGN RTN were used. Data was processed using InRoads MicroStation. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment.
07/21 – Ongoing	**LA DOTD Project No. H.004100 - I-10: LA 415 to Essen, Baton Rouge, LA** *Party Chief*. The project included a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.
03/22 – 09/22	**LA DOTD Project No. H.009300.5 - Hooper Road Widening (LA 3034 - LA 37)** *Party Chief.* Conducted a topographic survey for LA DOTD on the Hooper Road widening project. This project included the segment of Hooper Road from LA 2024 to Greenwell Springs Road (LA 37). The project was provided in DOTD MicroStation electronic submittal format.

Firm employed by: **SJB Group, L.L.C.**					
Name	**Duke Koontz**		Years of relevant experience with this employer	**4**	
Title	**Party Chief**		Years of relevant experience with other employer(s)	**34**	
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			***Party Chief.*** Mr. Koontz has over 35 years of experience as a Survey Party Chief. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping using both conventional and GPS instruments. He is knowledgeable with several Leica Geosystems such as the ScanStation C10 3D Laser Scanner, TS16 Robotic Total Station, GS18 GNSS RTK Rover, and the Viva GS16 GNSS rove		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 – Ongoing	**LA DOTD Project No. H.004100 - I-10: LA 415 to Essen, Baton Rouge, LA** *Party Chief.* Conducted a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.
08/20 – 4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62** *Party Chief.* Conducted a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.
04/24 – 05/24	**LA DOTD Project No. H.012001 – LA 339 Canal and Creek Bridges** *Party Chief.* This project in Vermilion Parish included Property Surveying and Right-of-Way Mapping for 3 sites along LA 339. SJB Group, L.L.C. determined the existing right-of-way for LA 339 and multiple intersecting roadways. This information as well as the proposed right-of-way were utilized to prepare Base Right-of-Way Maps. Final Right-of-Way Maps and parcel input file descriptions for acquisition parcels that included multiple diversions roadways. All surveying was performed to LADOTD Location & Survey Section requirements.
07/22 – 02/22	**LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)** *Party Chief.* This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area. All surveying was performed to LADOTD Location & Survey Section requirements.

Firm employed by: **SJB Group, L.L.C.**					
Name	**Tyler Foster**		Years of relevant experience with this employer	**8**	
Title	**CADD Technician**		Years of relevant experience with other employer(s)	**0**	
Degree(s) / Years / Specialization			**A.S. in Drafting and Design Technology | 2016 | ITI Technical College**		
Active registration number / state / expiration date			**N/A**		
Year registered	**N/A**	Discipline	**N/A**		
Contract role(s) / brief description of responsibilities			***CADD Technician.*** Mr. Foster is involved with the preparation of boundary surveys, right-of-way maps, topographic surveys, utility mapping, stakeout computations, and as-built survey maps. Additionally, he has experience in the preparation of SUE field sketches, electronic drawings, Quality Level B deliverable maps, and Quality Level "A" test hole data forms. He has experience in design and drafting using CAD design software packages as well as MicroStation In Roads.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 – Ongoing	**LA DOTD Project No. H.004100 - I-10: LA 415 to Essen, Baton Rouge, LA** *CADD Technician.* The project included a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.
08/20 – 4/24	**LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62** *CADD Technician.* The project included a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.
10/23 – 12/24	**LA DOTD Project No. H.00.5121 - LA 1 - LA 415 Connector, West Baton Rouge Parish, LA** *CADD Technician.* This effort included the collection of field data for design of a roadway to connect LA 415 to LA 1. The project was a Topographic Survey and Hydrographic Survey for road construction to provide additional interstate highway access. The survey was provided in MicroStation drawing formats.
07/22 – 02/22	**LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)** *CADD Technician.* This project included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area. All surveying was performed to LADOTD Location & Survey Section requirements.
03/22 – 04/23	**LA DOTD Project No. H.009300.5 - Hooper Road Widening (LA 3034 - LA 37)** *CADD Technician.* Provided CADD support for a topographic survey for LA DOTD on the Hooper Road widening project. This project included the segment of Hooper Road from LA 2024 to Greenwell Springs Road (LA 37). The project was provided in DOTD MicroStation electronic submittal format.

Firm employed by: **SJB Group, L.L.C**				
Name	**Austin LaCombe, PE**		Years of relevant experience with this employer	**2.5**
Title	**SUE Department Manager**		Years of relevant experience with other employer(s)	**7**
Degree(s) / Years / Specialization			**Bachelor of Science / 2017 / Civil Engineering**	
Active registration number / state / expiration date			**PE.0047563 | Louisiana | 09/30/2025**	
Year registered	**2023**	Discipline	**Professional Engineer - Civil**	
Contract role(s) / brief description of responsibilities			***SUE Engineer.*** Mr. LaCombe manages Subsurface Utility Engineering (SUE) projects for SJB Group, L.L.C. He is tasked with managing day-to-day operations of SUE field crews to include project research, preparation of field packages, supporting field efforts, organization and processing of field data, client coordination, and preparation/QA/QC of project deliverables. Mr. LaCombe is proficient in a variety of software including Bentley InRoads, OpenRoads, MicroStation, TopoDOT, AutoCAD Civil 3D, and Leica Cyclone.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/22 - Present	**LSU Science Zone** *SUE Engineer*. This project involved Topographic Survey, Quality Level "B", and Quality Level "A" Subsurface Utility Engineering in preparation for the installation of a specialty underground chilled water system piping for the Science Zone of Louisiana State University's Baton Rouge Campus. A Leica TS16 Robotic Total Station, Leica GS18 T GNSS RTK Rover for both RTN and RTK, and a GeoSLAM ZEB Horizon were used. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment.
07/22 - Present	**LA DOTD Project No. H.013797 – LA 30: EBR PL I-10** *SUE Engineer.* This project involved providing Property Surveys, Quality Level "D" Subsurface Utility Engineering, GIS, and LiDAR review services as an addition to a Stage 0 Feasibility Study for the Corridor. There are many industrial pipelines within this corridor making the correct identification of the utilities and owners within this corridor imperative for future stages of this project. In addition to the Quality Level "D" records, this project also involved field investigations to determine the order of the pipelines within the project limits. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.
11/21 – 03/22	**Project No. 20-2057 – LA 30 Roundabouts Subsurface Utility Investigation (Tanger Mall and I-10)** *SUE Engineer*. Sub to Meyers Engineers. This project involved ASCE 38-02 Quality Level "A" Subsurface Utility Engineering and utility surveying to identify utility conflicts for all utilities owned by the City of Gonzales at the proposed LA

	30 Roundabouts near Tanger Mall and I-10 in Ascension Parish. Prior to Quality Level "A" services, extensive Quality Level "D" records research was completed to aid in the subsequent SUE design. This effort required detailed record research, field investigations, and data management. The accurate location of these utilities was critical to alleviate disruptions to utility services as well as prevent conflicts and delays to the construction of the project in this heavily congested area.
10/21 – 02/22	**LA DOTD Project No. H.009266.5 – I-10: LA 73 - LA30** *SUE Project Manager*. LA DOTD was preparing plans to widen I-10 from 4 to 6 lanes from LA 73 to LA 30. This project involved Quality Level B SUE services at the LA73/I-10 interchange as well as Quality Level D services for the remainder of the project limits.
11/22 – 04/23	**City Parish Project No. 20-CP-US-0099 – MoveBR – Airline Highway North (Florida Boulevard to I-110)** *SUE Engineer.* This project involved a Corridor LiDAR Survey and Quality Level "D" Subsurface Utility Engineering services on portions of northbound Airline Highway between Florida Boulevard and I-110 for the proposed improvements of the four-lane divided arterial to increase capacity and safety in the area as well as improve pedestrian movement through the corridor. Mobile LiDAR Data was gathered using a Trimble MX50, LadyBug, NovAtel Positioning, and Velodyne LiDAR. SUE data was collected using a combination of Ground-Penetrating Radar, air-assisted vacuum excavation, Electromagnetic Pipe and Cable locators, and other non-destructive detection equipment. All surveying was performed to LADOTD Location & Survey Section requirements, and all Subsurface Utility Engineering was completed to ASCE 38-02 standards.

Firm employed by: **SJB Group, L.L.C**			
Name	**Marshall Pounds**	Years of relevant experience with this employer	**1**
Title	**SUE Technician**	Years of relevant experience with other employer(s)	**25**
Degree(s) / Years / Specialization		**N/A**	
Active registration number / state / expiration date		**N/A**	
Year registered	**N/A** Discipline		
Contract role(s) / brief description of responsibilities		***Senior SUE Technician***, Mr. Pounds has over 25 years in the utility locating and construction industry. Mr. Pounds is a utility research specialist with a vast database of utility providers and contacts. He is tasked with records research, supporting field efforts, organization and processing of field data, client coordination, and preparation of project deliverables. He has a thorough knowledge of the Subsurface Utility Engineering CI/ASCE Standard 38-22 Standard Guideline for Investigating and Documenting Existing Utilities	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/21 – 10/21	**H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA** *SUE Technician.* This project provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
03/21 – 10/21	**Plank Road Relocation, City/Parish of East Baton Rouge, Baton Rouge, LA** *SUE Technician.* This project provided Subsurface Utility Engineering (Level B and A) for the relocation of LA 67 (Plank Rd.) around the Runway Safety Area at the end of Runway 31 at the Greater Baton Rouge Airport. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
04/21 – 06/21	**MA-18-07, Roddy Road @ 621 Roundabout, Ascension Parish Government, Ascension Parish, LA** *SUE Technician.* This project included desktop site assessments, provided LA One Call services, and coordinated with Survey Crews prior to, and during field operations for the location of underground utilities. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
12/23 – Present	**City/Parish Project No. 20-CP-HC-0034 – MovEBR Jefferson at Corporate Intersection** *SUE Technician.* Sub to Buchart Horn. This project involved a Topographic Survey, Property Survey, Right-of-Way maps, and Quality Level C and Quality Level B SUE services for all utilities of the Jefferson Hwy and Bluebonnet intersection. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the

	utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
10/23 – Present	**Move Ascension MA-22-04 LA 73 at Cornerview Roundabout** *SUE Technician.* This project included a Property Survey, Topographic Survey, Right-of-Way Mapping, Quality Level "B" Subsurface Utility Engineering, Drainage Design, Quality Level "A" Subsurface Utility Engineering, Geotechnical Investigation, Roundabout Report, Preliminary and Final Design Plans for a proposed roundabout at the intersection. . Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.
10/23 - Present	**Move Ascension MA-23-06 LA 73 at LA 74 Roundabout** *SUE Technician.* Sub to Volkert. This project included a Property Survey, Topographic Survey, Right-of-Way Mapping, Quality Level "B" Subsurface Utility Engineering, and Quality Level "A" Subsurface Utility Engineering, for a proposed roundabout at the intersection. Utilities included water, gas, telephone, electric, cable, and fiber optic. Topographic survey, geophysical investigation and the utility records were used to complete the drawings prepared in accordance with ASCE 38-02 standards. Engineering judgement was used to correlate records and above ground surveyed features.

17. Firm Experience:

Firm name	Evans-Graves Engineers, Inc.		Discipline(s)*	Road	
Project name	**Retainer Contract for Roadway Design Services, District 03**		Firm responsibility (prime or sub?)	Prime	
Project number	4400024832	Owner's name	LADOTD		
Project location	LADOTD District 03		Owner's Project Manager	Lea Smith	
Owner's address, phone, email	428 Rue des Voyages, Lafayette, LA 70508; (337) 262-2375; lea.smith@la.gov				
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost ($1,000's)		$1,211.7	
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm ($1,000's)		$976.9	

Project Description:

Starting in January 2023, Evans-Graves has performed engineering and design and survey services for roadway projects under a **retainer contract** with LADOTD for **roadway design sevices in DOTD District 03.** Under this five (5) year IDIQ contract, Evans-Graves has received three (3) task orders from DOTD to date:

TASK ORDER NO. 1 – H.012618.5 – LA 347 DRAINAGE IMPROVEMENTS, ST. MARTIN PARISH: Preparation of preliminary and final plans for the mill and overlay of LA 347, including patching of the failed base course, along with drainage improvements to remediate and/or supplement the sub-surface drainage to alleviate flooding along the route. Pavement design was provided by DOTD. EG Fee: $372.2K

TASK ORDER NO. 2 – H.014767.5 – LA 182 @ DUCHAMP INTERSECTION IMP, ST. MARTIN PARISH: Preparation of preliminary and final plans for the addition of a northbound and southbound left turn lane from LA 182 onto Duchamp Road and related work, including milling and overlaying LA 182 within the project limits (See EG Project #5 included with this proposal for more information). EG Fee: $290.5K

TASK ORDER NO. 3 – H.014483.5 – US 90: SCOTT C/L – (FORMER) LA 182, LAFAYETTE PARISH: Preparation of preliminary and final plans for the mill and overlay of the existing roadway and shoulders with drainage and intersection improvements. EG Fee: $314.2K

Firm's Role:

EG, as the Prime, has performed:

- **Topographic survey** (*in accordance with DOTD Location and Survey Manual*)
- **Preliminary plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)
- **Final plans** *(in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals)*

Notably, EG's use of its experienced in-house survey crews expedited the performance of Task Order 2 due to efficiencies and communication between the survey and engineering and design processes.

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Firm name	Evans-Graves Engineers, Inc.		Discipline(s)*	Road	
Project name	**Retainer Contract for Traffic Engineering Management Roadway Projects**			Firm responsibility (prime or sub?)	Prime
Project number	4400004357	Owner's name	LADOTD		
Project location	Statewide, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; (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**.

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Firm name	Evans-Graves Engineers, Inc.		Discipline(s)*	Road	
Project name	**I-12 to Bush, LA 3241 (I-12 – LA 36)**			Firm responsibility (prime or sub?)	Prime
Project number	H.004957.5	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Joachim Umeozulu	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; (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

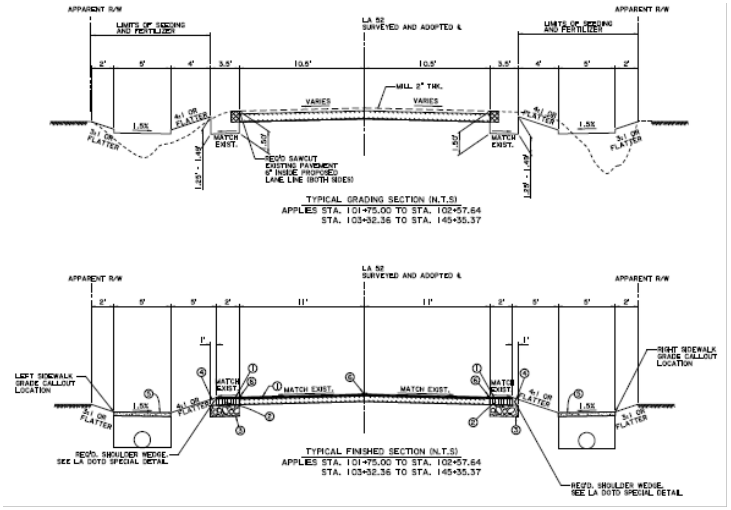
Firm name	Evans-Graves Engineers, Inc.		Discipline(s)*	Road	
Project name	**LA 52 Complete Streets Improvements**			Firm responsibility (prime or sub?)	Prime
Project number	H.013494	Owner's name	St. Charles Parish DPW / LADOTD		
Project location	St. Charles Parish		Owner's Project Manager	Miles Bingham	
Owner's address, phone, email	100 River Oaks Drive, Destrehan, LA 70047; (985) 783-5102; mbingham@stcharlesgov.net				
Services commenced by this firm (mm/yy)	01/13	Total consultant contract cost ($1,000's)		$9,260	
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm ($1,000's)		$784	

Project Description:

The LA 52 Complete Streets Improvements project involves the redesign of LA 52 in St. Charles Parish using the Louisiana Department of Transportation and Development's (LADOTD) **Complete Streets** approach, which requires that all **open ditch drainage be converted to closed drainage** in order to accommodate all roadway transportation improvements, landscaping, and construction of a multi-use pathway and/or pedestrian sidewalk. Project involves engineering and design and all related supplemental services for drainage improvements and Complete Street services along LA 52.

Firm's Role:

Evans-Graves Engineers (EG) serves as the project manager and lead design firm on this work. Services to be performed by EG include **preliminary** and **final design**, **engineering services during bidding and construction**, and **permitting** for the redesign of LA 52 to **LADOTD Complete Streets** standards. **Drainage design** using **LADOTD HYDR software** has included estimation of drainage areas, computation of peak runoff, and selection of most economical cross drains.



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

- **Feasibility study**
- **Preliminary** and **final roadway plans** and **specification**s
- **Drainage design using LADOTD HYDR software**
- **Permitting**
- **Bidding**
- **Construction phase services**

G. Menard, S. Lundgren, K. Meyer, L. Blanchard, Z. Hebert, W. Roy, M. Usrey, B. Blanchard, M. Roberts

Firm name	Evans-Graves Engineers, Inc.		Discipline(s)*	Survey	
Project name	**H.014767.5: LA 182 @ Duchamp Intersection Improvements**		Firm responsibility (prime or sub?)	Prime	
Project number	4400024832	Owner's name	LADOTD		
Project location	St. Martin Parish, LA		Owner's Project Manager	Lea Smith	
Owner's address, phone, email	428 Rue des Voyages, Lafayette, LA 70508; (337) 262-2375; lea.smith@la.gov				
Services commenced by this firm (mm/yy)	08/24	Total consultant contract cost ($1,000's)		$290.5	
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm ($1,000's)		$290.5	

Project Description:

Evans-Graves, under an IDIQ contract for roadway design services within LADOTD District 03, was tasked by LADOTD to perform engineering and related services for the **design of improvements** to the **LA 182 @ Duchamp Intersection** in St. Martin Parish. Louisiana. The project involves all design necessary for the addition of a northbound and southbound **left turn lane** from LA 182 onto Duchamp Road and related work, including **milling** and **overlaying** LA 182 within the project limits.

As part of this work, Evans-Graves is performing a **topographic survey** of the approximately **4,100 ft. corridor** in accordance with **DOTD Location and Survey Manual** requirements and **LADOTD Topographic Survey Guidelines**. All features in the field are being located to produce a **complete topographic survey** and **digital terrain model** of the project corridor, including **structure types** and **top elevations**, **storm drain pipe sizes** and **materials**, and **invert elevations** within the survey limits. **Horizontal** and **vertical controls** were set using **DOTD-required GPS methods**. Final survey submittal will include **.pdf files** of **notes**, **reports**, **tabulations**, and **verifications**. All submitted drawings will be generated in **MicroStation** in accordance with **LADOTD's preferred Styles and Settings**. Additional work to be performed by Evans-Graves includes **preliminary** and **final plans** for construction.

Firm's Role:

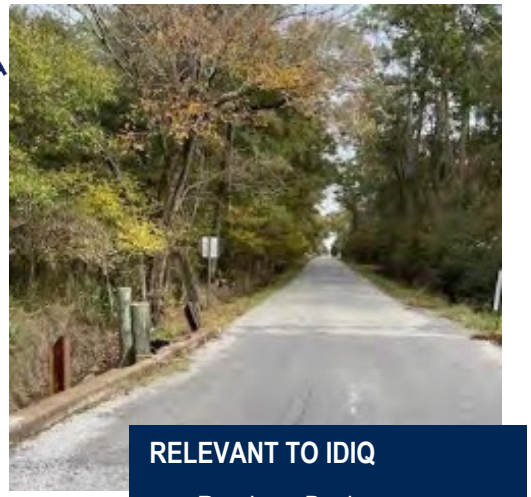
Evans-Graves, as the Prime, performed:

- **Topographic survey** (*in accordance with DOTD Location and Survey Manual*)
- **Preliminary plans** (*in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals*)
- **Final plans** *(in accordance with all applicable DOTD and Louisiana Design Guidelines and Manuals)*

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

Firm name	Michael Baker INTERNATIONAL	Past Performance Evaluation Discipline(s)*	Road, Bridge, Environmental
Project name	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07 – Initial Services and Additional Services**	Firm responsibility (prime or sub?)	Prime
Project number	H.015338	Owner's name	Louisiana Department of Transportation and Development
Project location	District 07 Parishes, Louisiana	Owner's Project Manager	Amanda Ranck, PE
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, Louisiana 70802 | 225-379-1338 | Amanda.Ranck@LA.GOV		
Services commenced by this firm (mm/yy)	10/22	Total consultant contract cost ($1,000's)	$2,450
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$1,450

Michael Baker was selected by DOTD to provide bridge, roadway and environmental services for the replacement of off-system bridges in the five parishes (Allen Parish, Beauregard Parish, Calcasieu Parish, Cameron Parish and Jefferson Davis Parish) located in DOTD District 07. This off-system bridge program is being 100% funded by the recently passed IIJA bill. DOTD allocated $30.3 million of funding for District 07 for the implementation cost (construction, design, mitigation, right-of-way acquisition and utility relocation) for the replacement of bridges in this district. Structures will be replaced with Culvert(s), Box Culvert(s), or Slab Span Bridges that are available in DOTD Standard Plan catalog.



District 07 currently has 62 bridges classified as in poor condition with another 11 classified as fair condition that qualify for the IIJA funding. Michael Baker's initial scope was to meet all five parish representatives (Parish Engineers or Policy Jury) to determine the bridge replacement priority list. After meeting with Parishes, Michael Baker reviewed each bridge on the priority list against the inspection reports provided in the DOTD Asset Management Portal. The inspection reports were used to determine the type of bridges being replaced and to help determine if additional right-of-way (ROW) would be required and if utilities need relocation.

Two deliverables were required for the initial phase: Preliminary Screening Matrix (PSM) and Recommended Bridge Structure List (RBSL). The Preliminary Screening Matrix took into account a variety of constraints: environmental, design, ROW, and utility relocations. Michael Baker team used available database resources or meeting with agencies to determine the environmental constraints not limited to Archaeological sites, Tribal Lands, Wetlands, T&E Species, Section 4(f) and 6(f) lands, etc. These constraints were used to help determine if bridge priorities needed adjustment. Based on the PSM, the RBSL was developed based on the implementation cost for each structure.

RELEVANT TO IDIQ

- Roadway Design
- Bridge Design
- Roadway Drainage
- Construction Plans w/ Compressed Schedule

Michael Baker received NTP in May 2023 for Additional Services that includes the construction plan preparation of 12 bridges for District 07. Additional work includes Topographic Surveys, ROW mapping, Stream Hydraulics/Hydrology, determine bridge structure (slab span, box culvert, or culvert) based on hydraulic analysis, Preliminary and Final Plans, along with Environmental Clearance. Program delivery is expected to follow compressed timeline with removal of some of the traditional submittals that will follow very similar to this IDIQ contract.

Firm members involved include: **Daniel Thornhill, PE | Brandon Pitre, PE, PTOE, RSP1 | Eric Erickson, PE, CFM | Shalin Sheth, PE | Justin West, EI, CFM | Afaq Durrani, EI**

Firm name	Michael Baker INTERNATIONAL		Past Performance Evaluation Discipline(s)*	Road, Bridge, Environmental
Project name	**US 371: KCS RR Overpasses HBI**		Firm responsibility (prime or sub?)	Prime
Project number	H.012030		Owner's name	Louisiana Department of Transportation and Development
Project location	Sibley & Minden, Louisiana; Webster Parish, Louisiana	Owner's Project Manager	Hamed Babaizadeh, PE	
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, Louisiana 70802 | 225-379-1033 | 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

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.

Vectura Consulting Services, LLC is a sub-consultant to Michael Baker on this project and show coordination and collaboration efforts between firms.

Team Members: **Daniel Thornhill, PE** | **Brandon Pitre, PE, PTOE, RSP1** |**Jeffery McRae, PE** | **Shalin Sheth, PE** | **Eric Erikson, PE, CFM**

RELEVANT TO IDIQ

- Roadway Design
- Stakeholder Coordination
- Structural/Bridge Design
- Hydraulics/Drainage
- Environmental Permitting

Firm name	Michael Baker INTERNATIONAL	Past Performance Evaluation Discipline(s)*	Road, Environmental
Project name	**Barksdale Air Force Base Entrance Roads (Design-Build)**	Firm responsibility (prime or sub?)	Prime
Project number	N69450-16-D-0100 Owner's name	NAVFAC SE	
Project location	Bossier Parish	Owner's Project Manager	Sarah Reed
Owner's address, phone, email	334 Davis Avenue West, Suite 105, Barksdale AFB, LA 71110 | 318-243-3902 | sarah.m.reed16.civ@us.navy.mil		
Services commenced by this firm (mm/yy)	08/22	Total consultant contract cost ($1,000's)	$2,031
Services completed by this firm (mm/yy)	05/23	Cost of consultant services provided by this firm ($1,000's)	$1,918

Michael Baker completed in May 2023 an alternative delivery design-build for Barksdale Air Force Base's entrance roads, coordinating with the owner and DOTD as well as obtaining the required project permits.

The Michael Baker design team developed construction plans per DOTD Design Guidelines and Standard Specifications. The beginning of the project is a direct tie to LA 1267 where it terminates after the KCS railroad crossing bridge constructed under the DOTD I-20/I-220 Design Build project. The roadway extension (BAFB Road) will continue as a four-lane divided highway as it enters the base property where it will transition to a new multi-lane roundabout. The roundabout is placed before the new base entrance gates and will allow for motorists that inadvertently exited onto LA 1267 to make a U-turn and return back towards the I-20/I-220 interchange without having to enter the Air Force Base. The new portion of BAFB Road is being built on the base property where a Corporate Endeavor Agreement was developed under the DOTD Design-Build project to allow for the completion of the roadway before entering the gates of the Air Force Base.

The Michael Baker design team has coordinated directly with DOTD I- 20/220 Project Manager, Corey Landry, and with DOTD I-20/220 Owner Verification Consultant Project Manager, Gordon Nelson. Additional requirements by the design team were to develop temporary traffic control (TTC) plans since the I-20/220 project was completed before this project was able to be constructed. The TTC plans identified one construction entry point along Ramp "EB-SB" and two construction exit points along Ramps "NB-EB" and the "C-D" road. Additionally, a project permit was prepared and submitted to DOTD District 4 for approval once DOTD gave verification of 100% acceptance of the project design.

LADOTD PROJECT DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT EXPERIENCE

RELEVANT TO IDIQ

- Roundabout Design
- Roadway Design
- Hydraulics/Drainage
- Environmental Permitting
- Coordination with DOTD

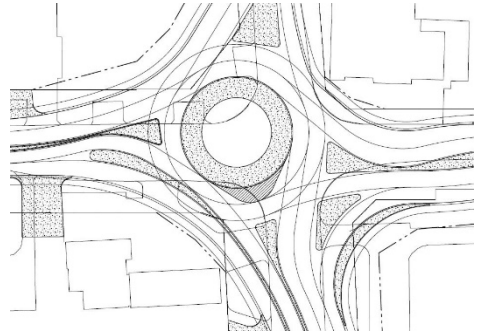
The Michael Baker Environmental team was responsible for the transfer of the I-20/I-220 USCOE Permit from DOTD to the NAVFAC SE (owner of project). Additional efforts were done by the environmental team in regard to the requirements of the SWPPP, local parish permitting requirements, and coordination with DEQ in regard to water quality permits and requirements.

Team Members: **Daniel Thornhill, PE | Brandon Pitre, PE, PTOE, RSP1 | Eric Erikson, PE, CFM**

Gresham Smith	**Past Performance Evaluation Discipline(s)***	Road

Hooper Road at Sullivan Roundabout Design

				Firm responsibility (prime or sub?)	Sub
Project number	H. 002320	**Owner's name**	City of Central (LA)		
Project location	Central, Louisiana	**Owner's Project Manager**		Toby Picard, P.E.	
Owner's address, phone, email	13421 Hooper Road, Suite 8, Central, LA / 225.379.1302 / toby.picard@la.gov				
Services commenced by this firm (mm/yy)	4/20	**Total consultant contract cost ($1,000's)**		$195	
Services completed by this firm (mm/yy)	12/22	**Cost of consultant services provided by this firm ($1,000's)**		$195	



This project was originally designed as an intersection improvement project to add left and right turn lanes at the intersection of Hooper Road (LA 408) at Sullivan Road (LA 3034). Due to the anticipated future traffic volumes, it was determined that a multi-lane roundabout would be more efficient and have a longer service life than the planned traditional signalized intersection. Gresham Smith was selected to design the multi-lane roundabout at the intersection of Hooper Road at Sullivan Road.

The intersection contains some major constraints which include a historic building in the Northeast quadrant of the intersection and a gas station in the Southwest quadrant of the intersection. The roundabout must accommodate both pedestrians and bicyclists as well as multiple approach lanes and free flow right turn lanes at select approach legs as required by LADOTD's conceptual traffic design to accommodate future projected traffic volumes.

Gresham Smith is tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Determining the location of the roundabout is critical in balancing a good geometric design with minimal right-of-way impacts and utility conflicts. Gresham Smith is also tasked with the drainage design at the roundabout and approach legs and is responsible for developing typical sections, plan and profile sheets, cross sections, quantities and construction cost estimates. This project includes a conceptual design phase as well as both preliminary and final plan design.

The roundabout design underwent several geometric reviews by DOTD, including a plan-in-hand meeting. The 100% preliminary plans were fully completed. However, construction funding issues led to scope adjustments for the intersection design, and the design reverted back to the signalized intersection for final plans. The project let in December 2022, and the design of the future roundabout is now being considered in a separate CMAR project.

Nature of firm's responsibility: Sub Consultant; Responsible for Developing Preliminary and Final Roundabout Design Plans.
Firm members involved: Brennon Hughes, Bert Moore, Richard Savoie, and Ronnie Robinson.

Gresham Smith	**Past Performance Evaluation Discipline(s)***	Road

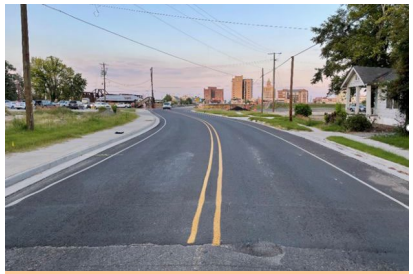
LADOTD, SRTS/LRSP Task Order #6 and #21: Endom Bridge

Firm responsibility (prime or sub?)	Prime

Project number	H.012279; H.012279.5	**Owner's name**	Louisiana Department of Transportation and Development
Project location	West Monroe, LA	**Owner's Project Manager**	Laura Riggs, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1205 / mark.morvant@la.gov		
Services commenced by this firm (mm/yy)	12/17	**Total consultant contract cost ($1,000's)**	$251
Services completed by this firm (mm/yy)	12/20	**Cost of consultant services provided by this firm ($1,000's)**	$222

As part of LADOTD's Local Road Safety Program (LRSP) retainer contract, Gresham Smith was tasked to develop operational and safety improvements at the west approach to the Endom Bridge located in West Monroe, Ouachita Parish. After a technical review of this intersection, Gresham Smith was selected to perform engineering and related services to prepare preliminary and final plans for proposed safety and operational improvements to the intersection of Coleman Avenue with North and South Riverfront Streets at the Endom Bridge approach.

Before


After

The purpose of the improvements is to realign the Coleman Avenue approach to the Endom Bridge to improve intersection sight distance and safety for pedestrians and vehicles. This project will include pedestrian facilities including walking paths long Endom Bridge and the Ouachita River.

Gresham Smith's responsibilities were to oversee the topographic survey, coordinate with the local municipality, develop preliminary and final design plans to realign the intersection, right-of-way maps, specifications and construction cost estimates. This project was let for construction on December 9, 2020 with the apparent low bid only 5.14% over the estimate.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.
Firm members involved include: Bert Moore, Richard Savoie, Brennon Hughes, Rebecca Murray and Ronnie Robinson.

Gresham Smith	**Past Performance Evaluation Discipline(s)***	Traffic

LADOTD – Traffic Engineering Retainer Contract TO#5: I-10 TMP West of LA 108 Interchange to I-210 Interchange

Firm responsibility (prime or sub?)	Prime

Project number	H.009620.5-1	**Owner's name**	Louisiana Department of Transportation and Development	
Project location	Lake Charles, Louisiana	**Owner's Project Manager**		Hadi Shirazi
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225.379.1929 / hadi.shirazi@la.gov			
Services commenced by this firm (mm/yy)	4/18	**Total consultant contract cost ($1,000's)**		$191
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**		$110

LADOTD is in the process of developing design plans for the Rubblization and Overlay of I-10 from just west of the LA 108 interchange to the I-210 interchange. This project will include: the mill and overlay the asphalt portions of I-10, the removal and replacement of the concrete panels on mainline I-10 through the LA 108 interchange, installation of an auxillary lane in both directions between the LA 108 and I-210 interchanges, and the widening of the bridges over the Maple Fork Creek to include inside and outside shoulders

The objective of the Transportation Management Plan (TMP) is to identify the challenges and strategies to address these challenges in order to minimize the traffic delays associated with the lane closures, demand volumes and incidents within the construction limits and primary detour roadways on I-10 and I-210 within the Lake Charles Metropolitan Area. In addition, this project will also update the TMP that was performed for the I-210 Prien Lake Bridge Re-Decking and Safety Improvement Project (H.010916.5) dated January 2016.

Project Highlights

- Data Collection on Interstate
- Queue Analysis and Allowable Lane Closure Recommendations
- Traffic Engineering Mitigation Strategies
- Special Traffic Control Details
- Traffic Signal Design

The TMP shall be prepared following the Level 4 checklist as outlined in Louisiana Department of Transportation and Development (DOTD) Engineering Directives and Standards Manual (EDSM) VI.I.I.8 (Transportation Management Plan (TMP)), dated March 13, 2012. As outlined in the EDSM, the necessary tasks shall include: traffic counts and queue analysis, safety analysis, alternate route/detour analysis, stakeholder involvement, temporary traffic control, and documentation.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.
Firm members involved include: Bert Moore and Rebecca Murray

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study		Firm responsibility (prime or sub?)	sub	
Project number	H.972462.1	Owner's name	New Orleans Regional Planning Commission		
Project location	Slidell, LA		Owner's Project Manager	Nelson Hollings	
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
Services commenced by this firm	12/23	Total consultant contract cost ($1,000's)		$65	
Services completed by this firm	07/24	Cost of consultant services provided by this firm ($1,000's)		$30	

Vectura prepared a formal traffic study to determine the feasibility of constructing a sidewalk along US 190 in Slidell, LA. The traffic study examined concepts that improved the safety and efficiency for bicyclists and pedestrians consistent with the latest DOTD policies related to access management and complete streets.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

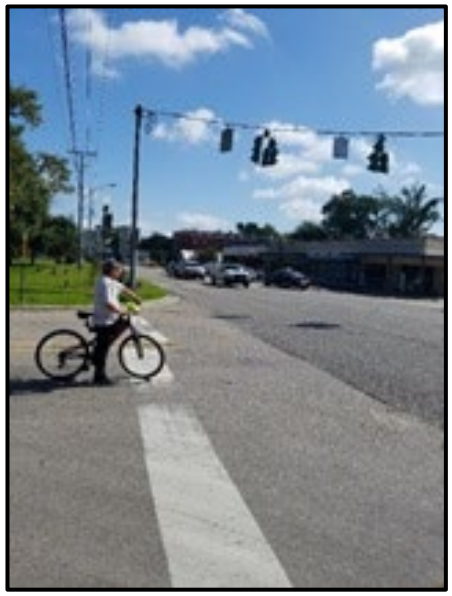
Task 3 Safety Analyses

- Developed three-year crash analyses report as per DOTD standards

Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Category(ies)*	Traffic	
Project name	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study		Firm responsibility (prime or sub?)	sub	
Project number	N/A	Owner's name	City of Slidell		
Project location	Slidell, LA		Owner's Project Manager	Eric Lundin	
Owner's address, phone, email	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org				
Services commenced by this firm		9/17	Total consultant contract cost ($1,000's)	unknown	
Services completed by this firm		11/17	Cost of consultant services provided by this firm ($1,000's)	$38.8	

Vectura was hired as a sub-consultant to the prime consultant to perform a traffic study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). The goal of the study was to determine if a pedestrian crossing and pedestrian traffic signal heads were warranted. To conduct the pedestrian study, the following tasks were performed by Vectura:



Data Collection

- AM and PM peak hour turning movement counts for five intersections
- AM / PM peak 15-minute turning movement counts for 10 driveways on Fremaux Ave.
- 24-hour traffic approach volumes, speed data, crash history and sight distance for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).
- Weekday and weekend pedestrian counts for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).

Draft Traffic Study

This task included a Crosswalk Traffic Study for US 190 Bus. (Fremaux Ave.) @ US 11 (Front St.) as Per DTOE, Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 6. This task included the following elements:

- Developed three-year crash analyses
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, Implementation and design year conditions. The analyses included intersection and segment levels of service as well as signal timing and progression for the five intersections.
- Developed traffic study and electronic files. The Study documented how traffic will be routed with the proposed median on Fremaux Ave., the impacts to Front St., and conflict analysis for the crosswalks and pedestrian heads.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Category(ies)*	Traffic	
Project name	South Range Road Safety and Operational Enhancements Stage 0		Firm responsibility (prime or sub?)	Prime	
Project number	T-1.24RR	Owner's name	New Orleans Regional Planning Commission		
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Nelson Hollings	
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
Services commenced by this firm	12/23	Total consultant contract cost ($1,000's)	$55		
Services completed by this firm	07/24	Cost of consultant services provided by this firm ($1,000's)	$40		

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data

Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

Task 3 Safety Analyses

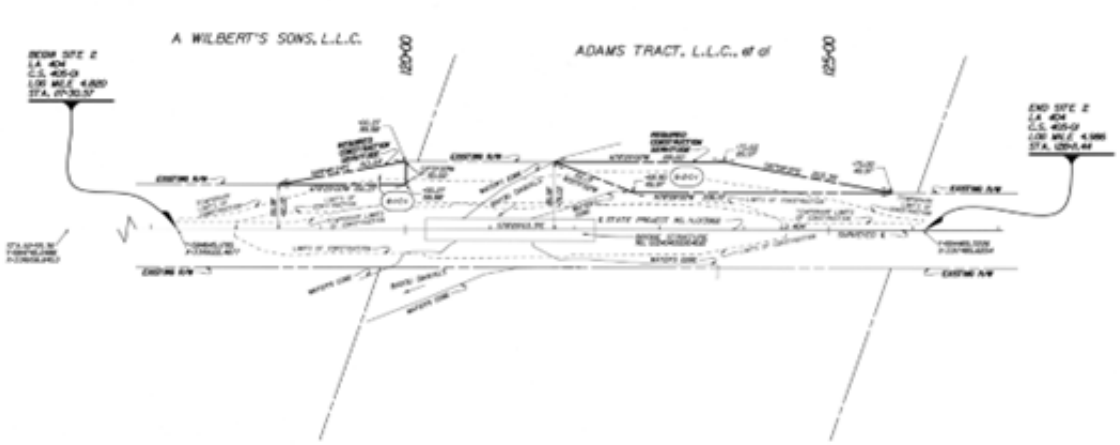
- Developed three-year crash analyses report as per DOTD standards

Personnel Utilized on this project: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Reece Rodrigue, Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

Firm name	**SJB Group, L.L.C.**		Discipline(s)*	**Survey, Right-of-Way**	
Project name	**Rural Bridge Replacement Initiative Phase 1**			Firm responsibility (prime or sub?)	**Sub**
Project number	**See below.**	Owner's name	**Louisiana Department of Transportation and Development**		
Project location	Multiple Locations in Louisiana (Districts 03,07,61,62)		Owner's Project Manager	**Brian Allen**	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1105, brian.allen@la.gov				
Services commenced by this firm (mm/yy)	**08/20**	Total consultant contract cost ($1,000's)		**$1,254**	
Services completed by this firm (mm/yy)	**04/24**	Cost of consultant services provided by this firm ($1,000's)		**$1,254**	

State Project Numbers: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997

Firm's Role and Responsibilities: Topographic Surveying, Property Surveying, Right-of-Way Mapping
Highlighted Team Members: Tim Brewer, PLS, Matt Estopinal, PLS, Elvis Nguyen, Phillip Dowden, John Burleigh, Duke Koontz, C. Paul Young, Tyler Foster

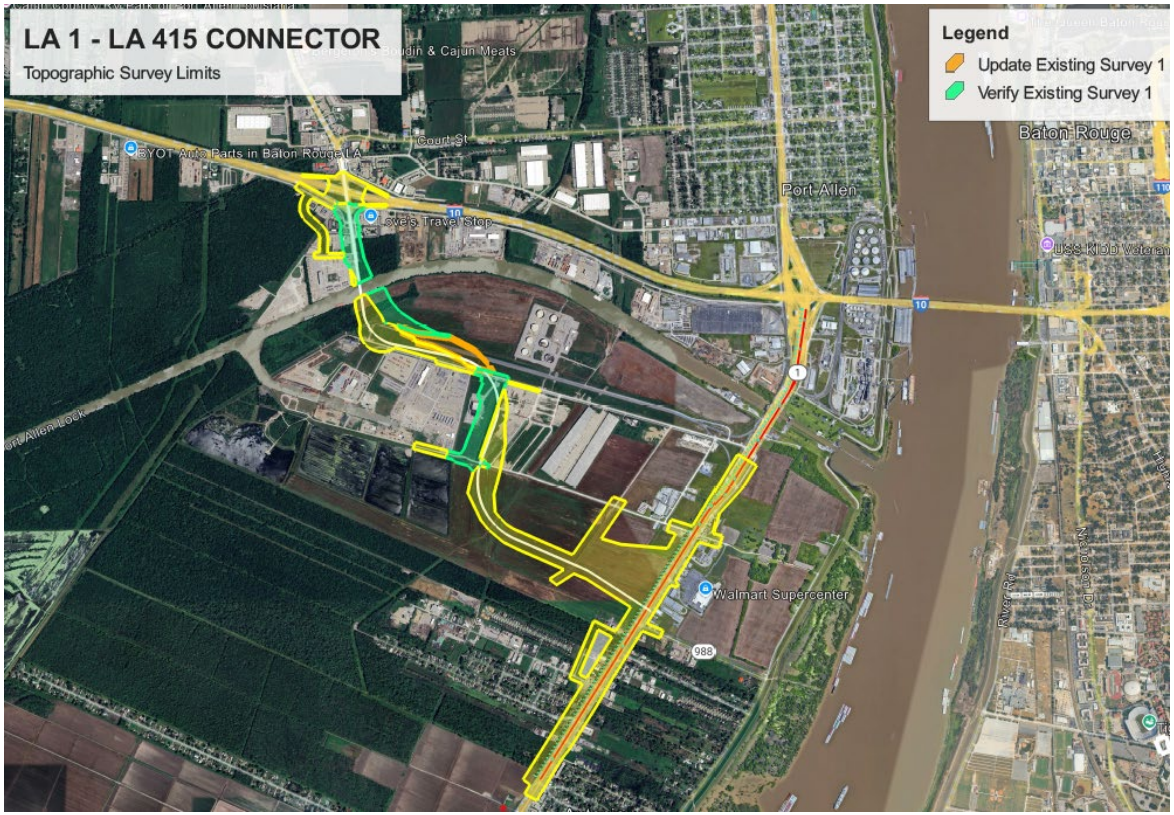


SJB Group performed **topographic surveying, property surveying, right-of-way mapping,** and roadway design of 33 bridge replacements for Districts 03, 07, 61, and 62 as a sub-consultant to Burk-Kleinpeter within their contract with the LA Department of Transportation (LA DOTD). The topographic survey was completed in accordance with all principles and objectives set forth in the latest version of the LA DOTD Location and Survey Manual. A complete topographic survey of the project corridor for each site included a complete inventory for each drainage structure (type, size, length, and invert), and includes cross sections of all drainage ways. Property surveys were carried out for all potentially affected properties within the project corridor. Right-of-way mapping was also performed for each roadway along the project corridor. Roadway design included vertical and horizontal alignment of the bridge transitions, guard rails, and embankment design, typical roadway sections, and roadside drainage. The deliverables included preparation of property maps, base right-of-way maps, final right-of-way maps, Bently design files, drawing files, right-of-way map sets, and the preparation of a parcel input file of the acquisition parcels. The survey was conducted according to the LA DOTD location and survey manual "Addendum A" requirements.
The deliverables were provided in accordance with the LA DOTD guidelines for electronic deliverables.

Firm name	**SJB Group, L.L.C.**		Discipline(s)*	**Survey**	
Project name	**LA 1 to LA 415 Connector to Interstate 10**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.005121**	Owner's name	LA Department of Transportation and Development		
Project location	**Port Allen, West Baton Rouge Parish, Louisiana**		Owner's Project Manager	**Jonathan Herrod**	
Owner's address, phone, email	1202 Capital Access Road, Baton Rouge, LA | 225-379-1105 | Jonathan.Herrod@la.gov				
Services commenced by this firm (mm/yy)	**10/23**	Total consultant contract cost ($1,000's)		**$247**	
Services completed by this firm (mm/yy)	**12/24**	Cost of consultant services provided by this firm ($1,000's)		**$242.9**	

Firm's Role and Responsibilities: Topographic Survey, Subsurface Utility Engineering (SUE)

Highlighted Team Members: C. Tim Brewer, PLS | Colby Mire, PLS | Tyler Foster | Elvis Nguyen | Phillip Dowden | Erick Kidder



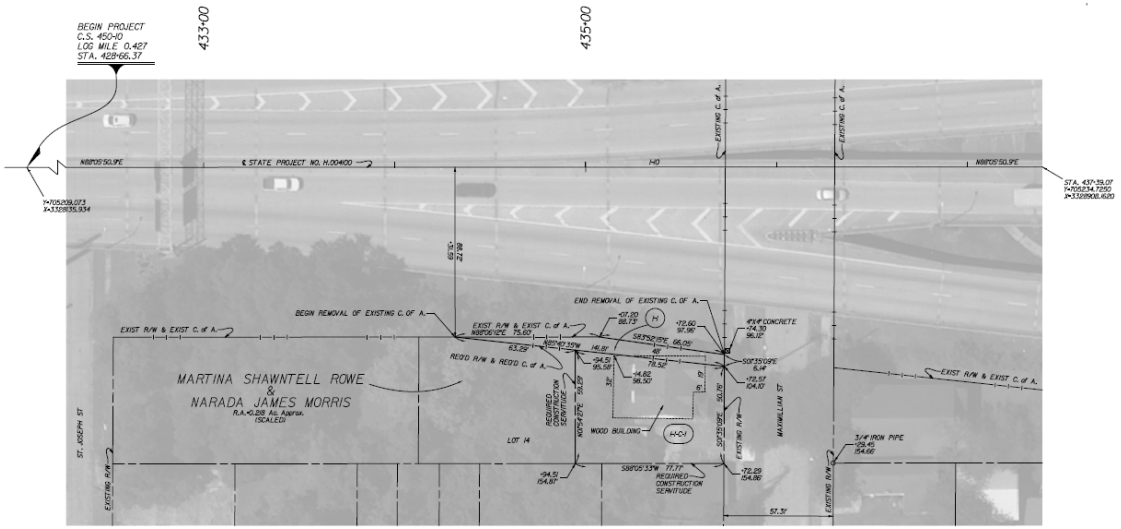
The project provides field data for the final design of a roadway to connect LA 1 to LA 415. The project is a supplement to previously performed surveying for the realignment due to recent development and construction. The project limits included a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project includes the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDaR survey methods utilized for the collection of data along the high traffic segments of LA 1, Interstate 10 ramps, and LA 415. The data was processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables will be provided in accordance with the LADOTD guidelines for electronic deliverables.

Firm name	**SJB Group, L.L.C.**		Discipline(s)*	**Survey, Right-of-Way**	
Project name	**I-10 Widening from LA 415 to Essen**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.0016118**	Owner's name	**LA Department of Transportation and Development**		
Project location	**East Baton Rouge Parish, Louisiana**		Owner's Project Manager	**Mark Hughes**	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 | 225-379-1206 | Mark.Hughes@la.gov				
Services commenced by this firm (mm/yy)	**7/21**	Total consultant contract cost ($1,000's)		**$148,326**	
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)		**$148,326**	

Firm's Role and Responsibilities: Property Survey, Topographic Survey, Right-of-Way Mapping, Subsurface Utility Engineering (SUE)

Highlighted Team Members: Tim Brewer, PLS, Matt Estopinal, PLS, Phillip Dowden, Tyler Foster, Duke Koontz, C. Paul Young, Colby Mire, PLS, John Burleigh

SJB Group, L.L.C. performed **property surveying, partial topographic surveying, and right-of-way mapping** along a 4.4-mile stretch of Interstate 10 extending from LA 415 to Essen Lane in East Baton Rouge Parish for the LA Department of Transportation and Development's widening project. This project included a limited topographic survey to supplement and verify previous topographic surveys of the I-10 and I-12 corridors. Under the current IDIQ contract and task orders, SJB Group, L.L.C. performed additional **property surveys** of specific areas designated by the project design team. This project required extensive title research to acquire the necessary existing surveys and deeds for initiation of the property survey portion in addition to the substantial amount of review of the title research reports supplied to SJB Group, L.L.C. by LADOTD. It also required field surveying and mapping of an excess of one hundred parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage and access servitudes, railroad rights-of-way, and numerous side streets in the heart of Baton Rouge, all of which SJB Group, L.L.C. surveyed and mapped. The deliverables included preparation of property maps, base right-of-way maps, final right-of-way maps, MicroStation drawing files in Bentley Design Files, right of way map sets, and the preparation of a parcel input file of the acquisition parcels.



The survey was conducted according to the LA Department of Transportation and Development Location and Survey Manual, Addendum "A" requirements. The deliverables were provided in accordance with the LADOTD guidelines for electronic deliverables.

18. Approach and Methodology:

Since opening its doors in 1954, Evans-Graves Engineers, Inc. (EG) has grown proficient in DOTD's methods of project delivery and development, and the firm effectively communicates with DOTD personnel to satisfy project needs and expectations. Its staff performs tasks from hydraulic analysis and design to roadway and bridge design, and its in-house survey team has performed topographic surveys, property surveys and right-of-way mapping for DOTD with efficiency and accuracy. Together with Michael Baker International, Gresham Smith, Vectura Consulting Services, and SJB Group, Evans-Graves Engineers, Inc. has the staff and knowledge to tackle any task order under this contract and provide a quality design that meets or exceeds DOTD's expectations. Additionally, EG's staff has initiated the process of converting to Bentley OpenRoads and is ready to transition when DOTD implements the change, which is anticipated to occur during the contract period.

UNDERSTANDING

The Evans-Graves Team understands that the IDIQ mechanism is one of the most valuable resources within DOTD's contracting arsenal, providing the agency with the flexibility and resources to quickly and efficiently execute professional engineering and related services for priority DOTD projects throughout the State.

The Evans-Graves Team has a clear understanding of the types of projects that could be included under this IDIQ for Roadway Design Services Statewide, with design and related services that may require:

- Topographic Surveys
- Traffic Control Design / Traffic Signal Analysis and Design
- Traffic Studies
- Preliminary and Final Roadway Design
- Plan Development
- Cost Estimates
- Hydraulic Analysis and Design
- Complete Streets Provisions
- Road Design Services During the Environmental Process
- Special Provisions Write Ups
- Transportation Management Plans (TMPs)
- Quality Plan Reviews
- Technical Research and Guidance
- Construction Support

The anticipated scope of the task orders for this IDIQ Contract for Roadway Services Statewide is well within the EG Team's capabilities due to our Team's exceptional past experience on similar DOTD IDIQ contracts for roadway design services.

With the combined efforts of MBI, Gresham Smith, Vectura, and SJB Group, the EG team has the versatility to complete additional tasks for DOTD with proficiency and expertise. Although not anticipated tasks, the following list represents a sample of additional services available if a need develops throughout the life of the contract:

- Right-of-way mapping
- Bridge design
- SUE services
- Environmental

The team members proposed for this IDIQ contract have developed a strong relationship with DOTD staff through the delivery of numerous projects across practically every District in the State. Recent and similar DOTD projects and task orders completed by EG and its key subconsultants include:

- H.012618.5 : LA 347 Drainage Improvements, St. Martin Parish, LA
- H.014767.5: LA 182 @ Duchamp Intersection Improvements, St. Martin Parish, LA
- H.014483.5 : US 90 : Scott C/L – (Former) LA 183, Lafayette Parish, LA
- H.011824: LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish, LA
- H.005733: US 190 Superstreet, St. Tammany Parish, LA
- H.010890: LA 182: Roundabout at Hollywood Road, Terrebonne Parish, LA
- H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish, LA
- H.002320: Hooper Road at Sullivan Roundabout Design, City of Central, LA

APPROACH AND METHODOLOGY

CONTRACT AWARD MEETING

After the IDIQ Contract for Roadway Services is awarded, EG will request a meeting with the Project Manager. The meeting will allow the design team and DOTD to establish best communication practices and discuss PM expectations for the duration of the IDIQ Contract. Additionally, the design team and the PM will discuss anticipated task orders. Once a task order is received, a typical project may progress as follows.

KICKOFF MEETING

Immediately after assignment of a task order, the design team will coordinate a kickoff meeting date and time with stakeholder entities including DOTD and applicable District representatives. Prior to the kickoff meeting, pre-design data will be obtained and reviewed, and a site visit will be conducted, as needed. These steps allow the designer to become familiar with the project corridor and preliminarily identify potential areas of concern for discussion at the kickoff meeting.

Establishing the scope of each task order in detail as early as possible is critical to the success of any

project. At each kickoff meeting, the team will discuss project design details and Project Manager expectations to ensure all parties are well informed of the requirements of the task order. In addition to design details, all parties will discuss the needs of topographic survey services. As a priority for all task orders assigned under the IDIQ contract, project schedule will also be a significant agenda item at the meeting. Finally, the team will discuss potential project issues identified prior to the meeting and request any additional project data available.

SCHEDULE

At the conclusion of the kickoff meeting, EG will, in coordination with the DOTD Project Manager, immediately develop a schedule considering project complexity and need to facilitate efficient completion of the task order. Potential time saving opportunities, such as the possibility of eliminating the 30% Preliminary Plan Submittal when deemed appropriate, will be discussed with the DOTD PM. Over the life of each task order, Evans-Graves will ensure the design team understands, concurs with, and adheres to the schedule. A sample schedule is provided at the end of the Approach and Methodology section.

Project schedule is a priority for all task orders assigned under the IDIQ contract and EG will ensure timely delivery of all submittals.

TOPOGRAPHIC SURVEY

The design team anticipates the requirement of topographic survey services, whether complete or supplemental in nature, for a typical task order. Throughout the years, EG's survey section has gained extensive experience integrating topographic surveys completed by others, including DOTD, and/or augmenting them to satisfy the needs of the project. The EG Team's availability of two-man and three-man crews facilitate efficiency during the survey phase, and if needed, multiple crews can be assigned to one project to expedite completion of the survey. Additionally, Evans-Graves' collaborative working relationship with SJB Group ensures the team will deliver quality survey submittals on schedule.

The topographic survey shall be performed in accordance with the DOTD Location and Survey Manual. **Once control is established, a sketch of the survey line shall be submitted to the DOTD Location and Survey Administrator for review and approval prior to proceeding further with the survey.**

EG's in house survey section, with the addition of SJB's survey resources, allows the team to easily coordinate with the surveyor to streamline the needs of the designer and facilitate the transfer of survey deliverables.

After the topographic survey has been performed and prior to commencement of Preliminary Plan preparation, the design team will attend a Pre-Design Conference held at a DOTD location relevant to the associated task order to further discuss design details and to complete a **Pre-Design Planning Conference Form** setting forth the design criteria for the project.

TRAFFIC DESIGN RELATED SERVICES

Traffic design studies, traffic control design and traffic signal analysis and design are expected tasks related to the Statewide IDIQ contract. A comprehensive traffic study, performed prior to preliminary roadway plan development, is often the cornerstone of a well-conceived design with impacts extending to multiple facets of the project including but not limited to the development of horizontal geometry at intersections and the incorporation of complete streets policies. The collection of vehicular, pedestrian, and non-motorized vehicle traffic data and its analysis will be completed and the results compiled into a written report, discussing current and future traffic patterns with recommendations for proposed improvements. The team's traffic professionals will collaborate closely with the DOTD traffic section as well as the local DOTD district with meetings held throughout the development of the study to ensure the best design for stakeholders and transportation users alike.

Traffic control design and traffic signal analysis and design will also be conducted cooperatively with DOTD personnel and in accordance with all DOTD traffic design manuals, standards and details outlined in the advertisement for the Statewide IDIQ contract. When a traffic signal design is required, the traffic staff will prepare signal timing, layout and wiring diagram sheets, traffic volume, vehicle detection, construction notes and associated quantity sheet. The expertise of the traffic personnel involved in EG's team will provide innovative concepts and utilize current technologies to ensure traffic control measures and traffic signal design improve current conditions as well as meet future needs.

PRELIMINARY AND FINAL PLAN DEVELOPMENT

The completion of subtasks within any project culminates in the development of the preliminary and final construction plans. The design team will adhere to the DOTD design guidelines in an effort to minimize deviations where possible but will complete design waivers and exceptions when required. The insertion of traffic signal and traffic control plans will be included at required plan stages when necessary for the project. Additionally, QA/QC is an ongoing service performed throughout the life of the project

and is especially important during the development of plans. Furthermore, during the plan development stage, the design team will aid DOTD during the environmental process by developing exhibits and details to help obtain the required permits as well as attend any public meetings and hearings as needed.

PRELIMINARY PLANS

Preliminary design will begin as soon as possible after the task order is assigned. Evans-Graves will develop preliminary plans in accordance with the latest references, as listed in the advertisement, as well as any additional manuals and standards relevant to each assigned task order used in the standard practice of engineering.

Preliminary plans are typically submitted at the 30%, 60%, 95% and 100% plan stages. During the preliminary phase of the project, design issues and delays will be identified, the PM will be notified, and solutions will be developed as soon as possible to allow the project to progress efficiently. The development of the typical and pavement sections for the project occurs during the preliminary phase of the project. Additionally, the horizontal and vertical geometry will be established and hydraulic analysis and design will be performed in accordance with the DOTD Hydraulics Manual. The limits of construction and required R/W will be determined. The design team will also submit an Opinion of Probable Cost using DOTD's most up to date bid item list. As one of the final steps in the preliminary plan process, EG's design team will attend a Plan in Hand Meeting to discuss potential utility and construction conflicts with DOTD and local district stakeholders. Finally, a 100% Preliminary plan set will be submitted incorporating knowledge gained from the Plan in Hand meeting and field visit.

FINAL PLANS

Immediately following confirmation of environmental clearance, the EG team will proceed with the Final Plan phase and will verify all previous comments have been resolved and any major design issues have been reconciled. EG will perform QA/QC on the plans, completing the DOTD Checklist, and will develop any Special Provisions required by the project. Signed and sealed drawings, a final Opinion of Probable Cost and Constructability Review Form will be submitted.

PROJECT SUPPORT SERVICES

Along with typical design services, the consultant team will perform numerous services in support of the project. To tailor each plan set specifically for a project, a designer will often need special plans and details not provided by DOTD. In these circumstances, the design team will create Special Provisions: written directions, provisions and requirements to be included in the project's contract documents and amend the Standard Specifications as set forth by DOTD.

The development of Transportation Management Plans (TMPs) will also be a crucial component of the project package. DOTD's EDSM No: VI.1.1.8 outlines the requirements for the level of TMP required for different types of projects: from a Level 1, which does not affect the existing roadway, to a Level 4, which effects the existing road usage on an interstate or full control of access roadway and could potentially involve lane closures during peak travel periods. The roadway design component, as well as the traffic component of the design team, will work in conjunction with DOTD personnel to develop a TMP to minimize work zone impacts to all users.

Quality Plan Reviews will be performed at DOTD's request on related project documents not limited to construction plans, cost estimates and special provisions. The design team's engineering opinion will be essential to producing a cohesive project package.

In the development of any project, the consultant's adherence to industry standard technical manuals and publications is imperative. Throughout the development of the project, the design team will propose any necessary revisions to DOTD's current manuals and publications to ensure compliance with the latest regulations, best practices, and technological advancements in the engineering industry.

CONSTRUCTION SUPPORT

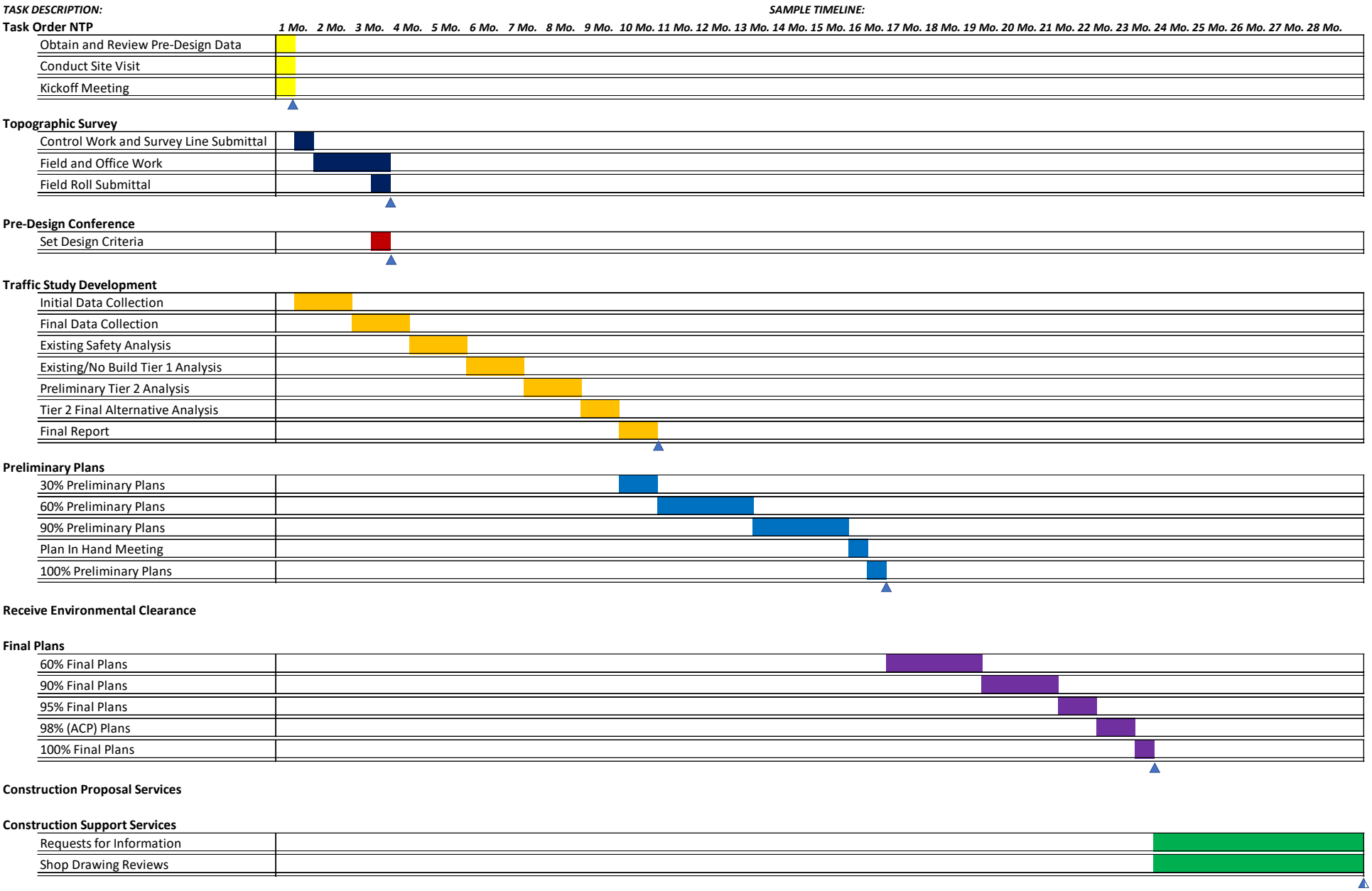
The design team will review and address Requests for Information (RFIs) that concern plan/specification clarity and/or plan/specification error as forwarded by DOTD's Construction Contractor. Responses to RFIs will be submitted within 48 hours of receipt of questions, and the design team will be available for meetings within 24-hour notice from DOTD. Minor design changes and plan/specification revisions will be submitted within seven days. Additionally, the design team will review shop drawings submitted by the contractor for conformance with the contract documents.

In collaboration with DOTD, the Evans-Graves Team is fully committed to providing a practical and efficient design for each project and will apply their knowledge and experience to complete task orders on time and on budget.

CONCLUSION

The knowledge and experience of the Evans-Graves Engineers, Inc. team makes it a powerful combination of talent and skill. The team has both breadth and availability of knowledgeable, experienced staff, enabling the team to handle multiple task orders for DOTD at any given time and ensuring that each task order is completed to DOTD's satisfaction.

SAMPLE PROJECT SCHEDULE



19. Workload:

Firm(s) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Evans-Graves Engineers, Inc.	Road	4400024832 H.012618	LA 347 Drainage Improvements	242,479
Evans-Graves Engineers, Inc.	Road	4400024832 H.014767	LA 182 @ Duchamp Intersection Imp.	200,873
Evans-Graves Engineers, Inc.	Road	4400024832 H.014483	US 90: Scott CL – (Former) LA 182	314,172
Evans-Graves Engineers, Inc.	Road	4400004761 H.004957	LA 3241:I-12/LA 434 Interchange to LA 36	117,602
Evans-Graves Engineers, Inc.	Right-of-Way	4400021533 H.007811	Comite River Diversion	100,050
Michael Baker International, Inc.	Road	4400024519 H.012030.5	US 371: KCS RR Overpasses HBI	100,000
Michael Baker International, Inc.	Bridge	4400024519 H.012030.5	US 371: KCS RR Overpasses HBI	115,372
Michael Baker International, Inc.	Road	4400025026 H.015338	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Supplemental Agreement No. 1	244,556
Michael Baker International, Inc.	Bridge	4400025026 H.015338	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Supplemental Agreement No. 1	244,000
Michael Baker International, Inc.	Road	4400019379 H.013797	LA 30: EBR PL-I-10	84,000
Michael Baker International, Inc.	Bridge	4400019379 H.013797	LA 30: EBR PL-I-10	75,000
Michael Baker International, Inc.	Environmental	4400019379 H.013797	LA 30: EBR PL-I-10	150,475
Michael Baker International, Inc.	Environmental	4400005484 H.005168	NORG EIS, New Orleans, Louisiana	349,225

Michael Baker International, Inc.	Environmental	4400005484 H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana, Supplemental Agreement	339,573
Michael Baker International, Inc.	Other (Water Resource)	4400017092 TO #4	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	1,000,000
Michael Baker International, Inc.	Other (Aviation)	4400019130 TO #1	IDIQ Contract for Statewide Aviation Program Update – Phase II Statewide	N/A
Michael Baker International, Inc.	CE&I/OV	4400025536 H.013997 TO #1	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Loc Rd. over Borrow Pit (Bland RV BT LNCH), St. James Parish	98,868
Michael Baker International, Inc.	CE&I/OV	4400025536 H.012936 TO #2	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 78: US 190-LA 1	2,787
Michael Baker International, Inc.	CE&I/OV	4400025536 H.013458 TO #3	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Manchac Acres & HH Wilson Rd Bridges	9,911
Michael Baker International, Inc.	CE&I/OV	4400025536 H.015604 TO #4	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Pear St. at LA 1: Drainage	162,004
Michael Baker International, Inc.	CE&I/OV	4400025536 H.012057 TO #5	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 431: Villar Canal and Drainage Bridges	734,079
Michael Baker International, Inc.	CE&I/OV	4400025536 H.013956 TO #6	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Beamon Rd over Bayou Maringouin	20,821
Michael Baker International, Inc.	CE&I/OV	4400025536 H.014319 TO #7	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Cedarcrest Avenue over Wiener Creek	141,738
Michael Baker International, Inc.	CE&I/OV	4400025536 H.015944 TO #8	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 70 – LA 3213	534,837
Michael Baker International, Inc.	CE&I/OV	4400025536 H.016026 TO #9	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Grosse Tete Emergency Project	380,720
Michael Baker International, Inc.	CE&I/OV	4400025536 H.014088.6 TO #10	IDIQ Contract for Construction Engineering and Inspection Services in District 61, US 61: INT. Improvements at LA 427	336,795
Michael Baker International, Inc.	CE&I/OV	4400024660 H.013958.6 TO #1	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 Carpenter Bridge Rd over Whisky Chitto Creek	244,374

Michael Baker International, Inc.	CE&I/OV	4400024660 H.014415.6 TO #2	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 LA 352 Drainage Improvement	189,157
Michael Baker International, Inc.	CE&I/OV	4400024660 H.009629.6 TO #3	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 US 90 RR-Pinhook_ LA 92-LA 88	462,165
Michael Baker International, Inc.	CE&I/OV	4400024660 H.005967.6 TO #4	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 Nelson Rd Ext & Bridge	523,709
Michael Baker International, Inc.	CE&I/OV	4400024660 H.005967.6 TO #5	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 I-10: JEFF DAV PL-I-49(OGFC/SLAB REPAIR)	492,896
Gresham Smith	Road	44-19871; H.013073.5	LRSP/STRPPP Greenwell Springs & Wooddale Sidewalks	9,344
Gresham Smith	Traffic	44-19871; H.015086.5	LRSP/STRPPP LA 14	3,791
Gresham Smith	Road	44-19871; H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing	9,677
Gresham Smith	Traffic	44-19871; H.015201	LRSP/STRPPP Richwood Traffic Study	60,939
Gresham Smith	Road	44-21326; H.010074.1	Stage 0 Lafourche Bayou Bridge (HBI)	85,966
Gresham Smith	Traffic	44-25298; H.013388.5	Lafourche Flashing Yellow Arrow Traffic Signal Upgrade	306,058
Gresham Smith	Traffic	44-26911; H.014629.5	LRSP/STRPPP TO #1 Lafourche Design	31,087
Gresham Smith	Traffic	44-26911; H.013718.5	LRSP/STRPPP TO #3 LA 23 Gretna	189,315
Gresham Smith	Traffic	44-26911; H.013713.5	LRSP/STRPPP TO #4 LA 60 Bogalusa	111,674
Gresham Smith	Traffic	44-26911; H.015198.5	LRSP/STRPPP TO #5 S. Carrollton)	21,886
Gresham Smith	Road	44-27210; H.012859.5	Roundabout at Valhi Blvd	259,554
Gresham Smith	Other (Program Mgt)	44-27186; H.015959.1	Discretionary Grant Administration	112,296
Gresham Smith	Road	44-27181; H.016012.	Transportation Alternative Program TO #1	49,389
Gresham Smith	Road	44-26912; H.014640	LRSP/STRPPP TO #1 St. Mary Parish	19,233
Gresham Smith	Road	44-26912; H.015203.5	LRSP/STRPPP TO #2 Pinhook	88,442
Gresham Smith	CE&I/OV	44-24424; H.013256.6	I-10 Scott to Lake Charles ITS CEI	1,873
Vectura Consulting Services, LLC	Traffic	4400017293 H.010616	I-20: LA 544 Overpass Replacement	74,429
Vectura Consulting Services, LLC	Traffic	4400005484 H.005168.2	New Orleans Rail Gateway Avondale EA	59,571
Vectura Consulting Services, LLC	CE&I/OV	4400020018 H.007160	EBR Computerized Traffic Signal, Ph VB	66,032

Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	11,202
Vectura Consulting Services, LLC	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	572
Vectura Consulting Services, LLC	Traffic	4400023075 H.013522	S. Lewis Street Widening	7,499
Vectura Consulting Services, LLC	ITS	4400017922 H.012845.1	C/AV Team and Working Group Support	6,820
Vectura Consulting Services, LLC	Traffic	4400025299 H.01564.5	LA 47 Hayne Blvd Safety Improvements	17,303
Vectura Consulting Services, LLC	Traffic	4400018271 H.014746.5	LA 383 Stage 0 Corridor Study	20,146
Vectura Consulting Services, LLC	ITS	4400016364 H.014511.1	Houma Regional ITS Architecture Update	10,746
Vectura Consulting Services, LLC	Traffic	4400025299 H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	265,766
Vectura Consulting Services, LLC	Traffic	4400026913 H.013421.5	East Street & Parkview Drive Sidewalks	48,068
SJB Group, L.L.C.	CPM	Contract Number:4400017485	IDIQ Contract for Critical Path Method (CPM) Analysis	N/A
SJB Group, L.L.C.	Survey	Contract No: 44-17597 S.P. No. H.4400017597	IDIQ Surveying Services Rural Bridge Replacement Initiative	667
SJB Group, L.L.C.	Survey	Contract No: 44-16018 S.P. No. H.0120012.5	LA 339 Canal and Creek Bridge	4,393
SJB Group, L.L.C.	Survey	Contract No: N/A S.P. No. H.013716.5	US 167 Johnston St. – Mt. Vernon - Churchill	39,723
SJB Group, L.L.C.	Survey	Contract No: 44-17711 S.P. No. H.005121.5 Task Order 5	LA 1 – LA 415	N/A
SJB Group, L.L.C.	Right-of-Way	Contract No: 44-28371 S.P. No. H.004100.5 | Directive 1	I-10 LA 415 Acadian	10,536
SJB Group, L.L.C.	Right-of-Way	Contract No: 44-28371 S.P. No. H.004100.5| Directive 2	I-10 LA 415 Directive 2	1,536

SJB Group, L.L.C.	Right-of-Way	Contract No: 44-28371 S.P. No. H.004100.5| Directive 3	I-10 LA 415 to Essen – Directive 3	84,651
SJB Group, L.L.C.	Other (DBE)	Contract No: 44-26952 S.P. No.	LA DBE Supportive Services	490,714
SJB Group, L.L.C.	Survey	Contract No: N/A S.P. No. H.15487	NOLA PED Safety Improvements Phase 2	99,021

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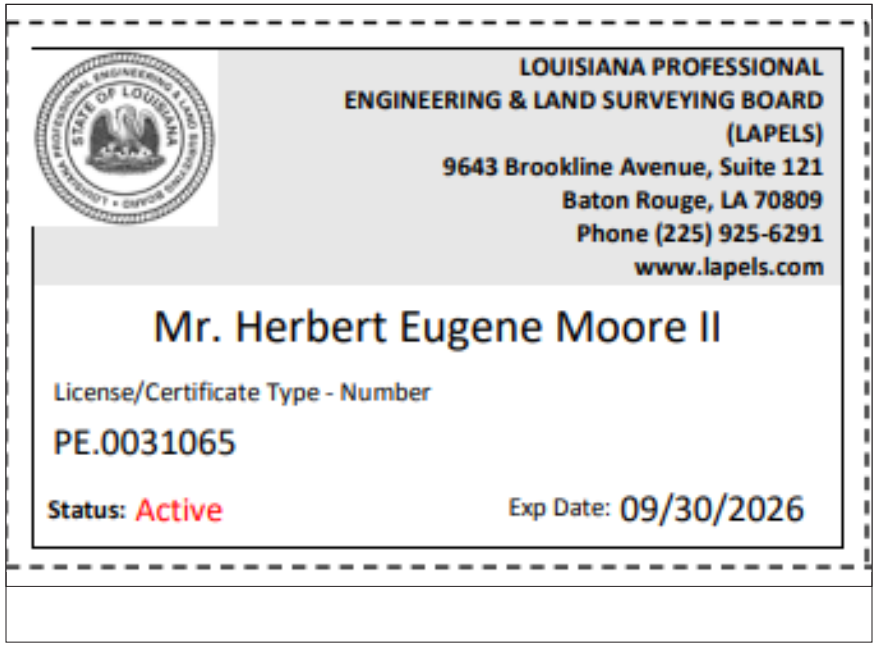
20. Certifications



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

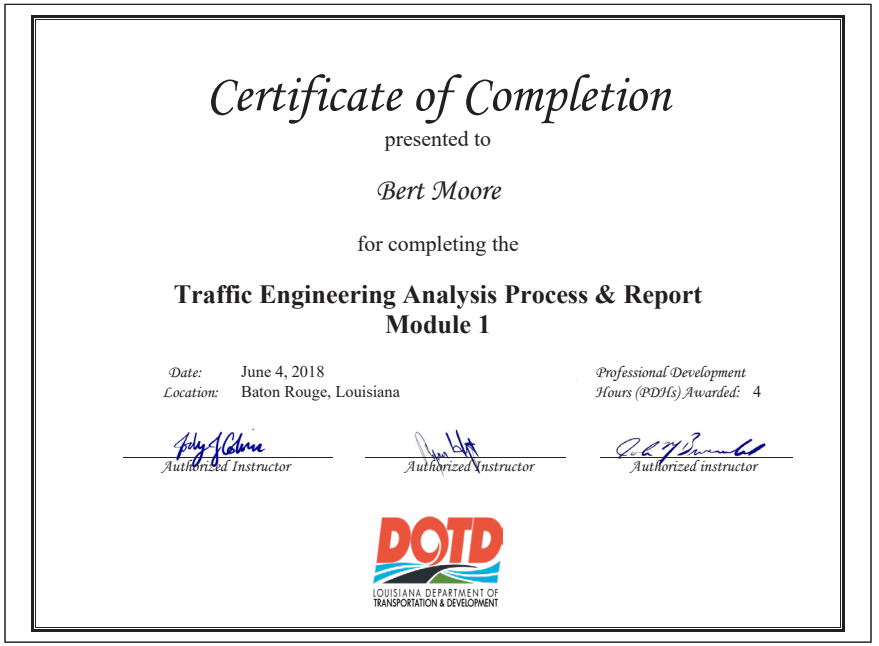
Mr. Herbert Eugene Moore II

License/Certificate Type - Number

PE.0031065

Status: Active

Exp Date: 09/30/2026



Certificate of Completion

presented to

Bert Moore

for completing the

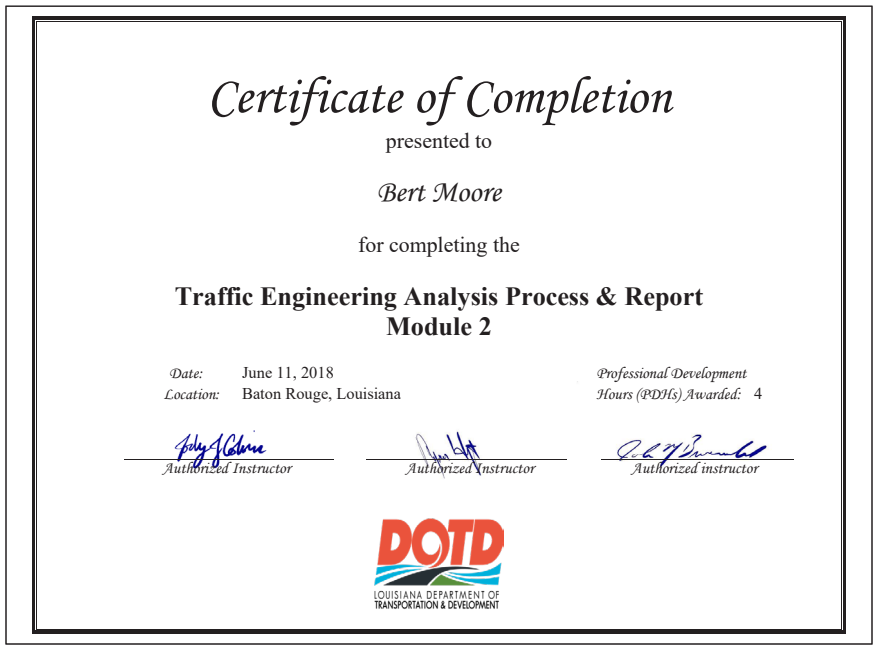
Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Bert Moore

for completing the

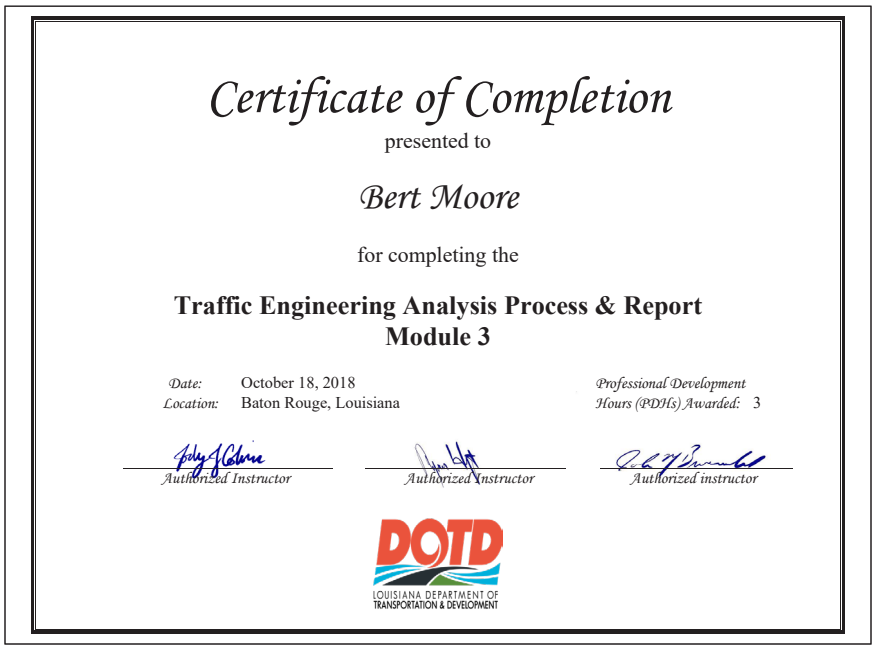
Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 18, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Trafficware
Engineered by Naztec

April 6, 2016

Mr. Bert Moore
Gresham Smith and Partners
10,000 Perkins Rowe
Suite 280
Baton Rouge, LA 70810

Subject: Trafficware Certification

Mr. Bert Moore,

Congratulations on your successful completion of Trafficware University certification requirements in our hardware, traffic management software, and traffic analysis/optimization software.

Please retain this letter to serve as an official document certifying that Mr. Bert Moore is fully certified in the operation and maintenance of all products manufactured and distributed by Trafficware Group, Inc.

Sincerely,

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Herbert Moore
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/7/2023 to 4/7/2027
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

Herbert Moore

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023
Exp. Date 5/8/2027
State Issued LA

ATSSA
Instructor Name
Instructor Signature

A1000126198
Verify at Flagger.com

Certificate of Training

PRESENTED BY

The National Cooperative Research Program

TO CERTIFY THAT

Herbert Moore

HAS SATISFACTORILY COMPLETED 20 HOURS OF TRAINING IN:

Highway Safety Manual Workshop
NCHRP 17-38

Karen K. Dixon, PhD, P.E.
Ida van Schalkwyk, PhD
Larry F. Sutherland, P. E.
Instructors

LOUISIANA'S ON THE MOVE
DOTD
BUILDS THE WAY

December 1-3, 2010
Date

Baton Rouge, Louisiana
Location

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Brennon Gilbert Hughes

License/Certificate Type - Number
PE.0039985

Expiration Date
03/31/2026

Status: Active

Certificate of Attendance

presented to

Brennon Hughes

for attending

Advanced Highway Safety Manual Training –
Interactive Highway Safety Design Model (IHSDM)

16 Professional Development Hours

June 5-6, 2018

Baton Rouge, Louisiana

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brennon Hughes
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

8/5/2022 to 8/5/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Brennon Hughes

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Safety of Vulnerable Road Users Workshop

Director, LTAP

LOCAL TECHNICAL ASSISTANCE PROGRAM LTAP LOUISIANA TRANSPORTATION RESEARCH CENTER

August 22nd, 2023
Date

New Orleans, Louisiana
Location

American Wick Drain Corporation
1209 Airport Road
Monroe, NC 28110
PH: 800.242.9425
FX: 704.296.0690

The individual named below attended the continuing education program as described.

Name:	Brennon Hughes		Registration #: 39985	State: LA
Organization:	Gresham Smith + Partners			
Address:	1000 Perkins Rowe Suite 280			
City /ST / Zip:	Baton Rouge, LA 70810			
Course Date:	5/15/2018			
Title Of Registered Course	**Contact Hours**	**Provider Name**	**Format**	**Content Development Resources**
Geocomposite Drains in Civil Design	1 hour	American Wick Drain Corporation	Lecture	
Covers Health, Safety and Welfare	**Professional Development**	**Course Number**	**Grade Received (if exam used)**	**Material Resources**
Yes	1 hour	AWD-007		PowerPoint Presentation

Learning Objectives:
The attendee will learn the differences between conventional drainage design with pipe and how its performance compares to designing with geocomposites. The course will cover the history of geocomposites for drainage, the basic principles of drainage design, the installation methods and various drainage applications. Topics discussed will include soil permeability, soil weight and lateral earth pressure and the overall effect drainage has on the design approach. Applications discussed will include landscape area, planting beds, retaining walls, green roofs and sports fields. The appropriate product for each application will be presented for commonly encountered soil types in most geographical areas. Attendees should expect to understand basic drainage principles, and be able to choose and specify a geocomposite drainage design for most common civil design applications.

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Richard Linton Savoie Jr.

License/Certificate Type - Number

PE.0020936

Status: Active **Exp Date:** 09/30/2026

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Ronnie Lee Robinson

License/Certificate Type - Number
PE.0024040

Expiration Date
03/31/2026

Status: Active

American Wick Drain Corporation
1209 Airport Road
Monroe, NC 28110
PH: 800.242.9425
FX: 704.296.0690

The individual named below attended the continuing education program as described.

Name:	Ronnie Robinson	Registration #: 24040	State: LA
Organization:	Gresham Smith + Partners		
Address:	1000 Perkins Rowe Suite 280		
City /ST / Zip:	Baton Rouge, LA 70810		
Course Date:	5/15/2018		

Title Of Registered Course	Contact Hours	Provider Name	Format	Content Development Resources
Geocomposite Drains in Civil Design	1 hour	American Wick Drain Corporation	Lecture	
Covers Health, Safety and Welfare	**Professional Development**	**Course Number**	**Grade Received (if exam used)**	**Material Resources**
Yes	1 hour	AWD-007		PowerPoint Presentation

Learning Objectives:
The attendee will learn the differences between conventional drainage design with pipe and how its performance compares to designing with geocomposites. The course will cover the history of geocomposites for drainage, the basic principles of drainage design, the installation methods and various drainage applications. Topics discussed will include soil permeability, soil weight and lateral earth pressure and the overall effect drainage has on the design approach. Applications discussed will include landscape area, planting beds, retaining walls, green roofs and sports fields. The appropriate product for each application will be presented for commonly encountered soil types in most geographical areas. Attendees should expect to understand basic drainage principles, and be able to choose and specify a geocomposite drainage design for most common civil design applications.

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Julian Van Bordelon

License/Certificate Type - Number
PE.0047473

Expiration Date
09/30/2025

Status: Active

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July1, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July1, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

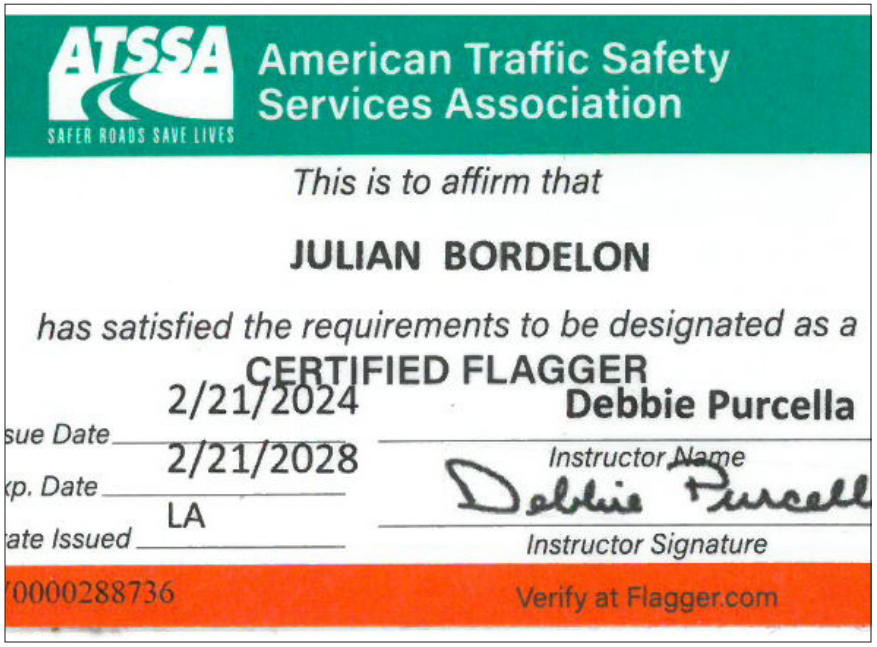
Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT


CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA
Julian Van Bordelon
is hereby certified as a
Traffic Signal Technician Level I
by completing all requirements and examination for certification
on 10/21/2022
Valid thru 10/21/2025
Certification #AA_127201
Toby Cummings, CAE - Executive Director


CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA
Julian Van Bordelon
is hereby certified as a
Work Zone Temporary Traffic Control Technician
by completing all requirements and examination for certification
on 10/18/2022
Valid thru 10/18/2025
Certification #ZZ_127201
Toby Cummings, CAE - Executive Director


ATSSA TRAINED
PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT
Julian Bordelon
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course
2/10/2023 to 2/10/2027
Training Valid Through
Vice President of Education and Technical Services
Baton Rouge, LA
Location
President, CEO
ATSSA provides training and certification but neither constitutes employment by ATSSA.
ATSSA
American Traffic Safety Services Association ATSSA.com


ATSSA
SAFER ROADS SAVE LIVES
American Traffic Safety Services Association
This is to affirm that
JULIAN BORDELON
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER
2/21/2024
sue Date
2/21/2028
xp. Date
LA
ate Issued
Debbie Purcella
Instructor Name
Debbie Purcell
Instructor Signature
0000288736
Verify at Flagger.com

Certificate of Completion

presented to

Michael Joyner

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July1, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Michael Joyner

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July1, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Michael Joyner

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mrs. Rebecca L. Murray

License/Certificate Type - Number
PE.0043788

Expiration Date
03/31/2026

Status: Active

Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Rebecca LaPorte Murray

for completing the

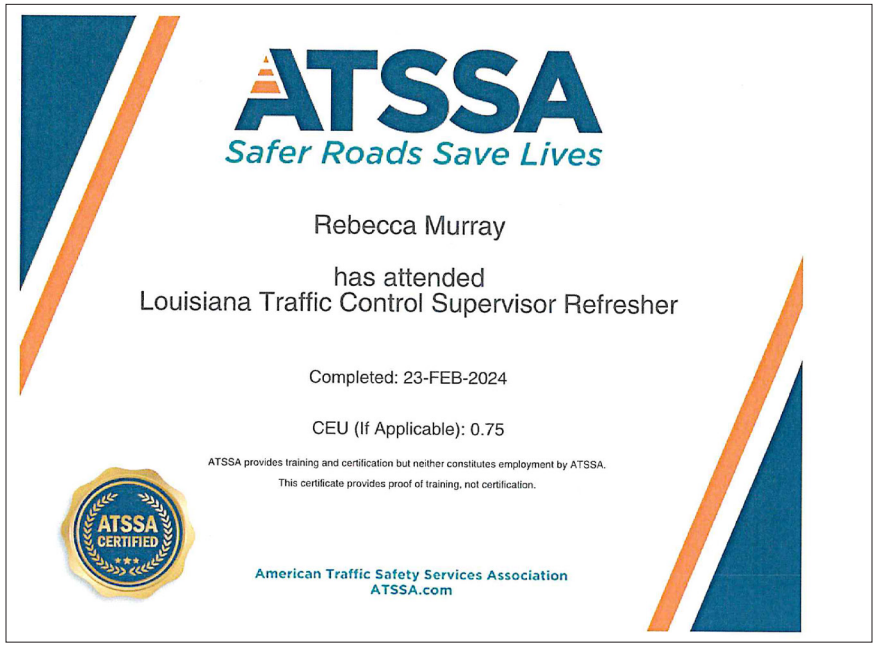
Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



ATSSA

Safer Roads Save Lives

Rebecca Murray

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 23-FEB-2024

CEU (If Applicable): 0.75

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

ATSSA CERTIFIED

American Traffic Safety Services Association
ATSSA.com

THE LEAGUE
OF AMERICAN BICYCLISTS

hereby makes it known that

Rebecca Murray

has successfully completed the Smart Cycling course, practiced cycling for hours and miles upon the road, has demonstrated proficiency by practical and written examination and therefore, has earned this certificate of completion of

SMART CYCLING

Instructor and LCI Number: 3370

Date: 9/29/18

LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. John Steven Weres

License/Certificate Type - Number: PE.0036429

Expiration Date: 09/30/2025

Status: Active

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

John Weres
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/30/2021 to 6/30/2025
Training Valid Through

Baton Rouge, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

American Wick Drain Corporation
1209 Airport Road
Monroe, NC 28110
PH: 800.242.9425
FX: 704.296.0690

The individual named below attended the continuing education program as described.

Name:	John Weres		Registration #: 36429	State: LA
Organization:	Gresham Smith + Partners			
Address:	1000 Perkins Rowe Suite 280			
City /ST / Zip:	Baton Rouge, LA 70810			
Course Date:	5/15/2018			
Title Of Registered Course	**Contact Hours**	**Provider Name**	**Format**	**Content Development Resources**
Geocomposite Drains in Civil Design	1 hour	American Wick Drain Corporation	Lecture	
Covers Health, Safety and Welfare	**Professional Development**	**Course Number**	**Grade Received (if exam used)**	**Material Resources**
Yes	1 hour	AWD-007		PowerPoint Presentation

Learning Objectives:
The attendee will learn the differences between conventional drainage design with pipe and how its performance compares to designing with geocomposites. The course will cover the history of geocomposites for drainage, the basic principles of drainage design, the installation methods and various drainage applications. Topics discussed will include soil permeability, soil weight and lateral earth pressure and the overall effect drainage has on the design approach. Applications discussed will include landscape area, planting beds, retaining walls, green roofs and sports fields. The appropriate product for each application will be presented for commonly encountered soil types in most geographical areas. Attendees should expect to understand basic drainage principles, and be able to choose and specify a geocomposite drainage design for most common civil design applications.

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NHI NATIONAL HIGHWAY INSTITUTE

Certificate of Training

John Weres

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by
Kansas Department of Transportation

Date: *February 2-13, 2015*
Location: *Topeka, Kansas*

Hours of Instruction: 67

Guy R Lang PE
Instructor

William A Gardner PE
Instructor

Becky Welsh
Local Coordinator

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

John Weres

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by
Kansas Department of Transportation

Date: *February 2-13, 2015* ***Hours of Instruction:*** 67
Location: *Topeka, Kansas*

Guy R Lang PE
Instructor

Becky Welsh
Local Coordinator

William R Gresham PE
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

JOHN WERES

has participated in

FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by
LA DOTD/LTRC

Date: *February 26 – March 1, 2019* *Hours of Instruction:* 25
Location: *Baton Rouge, LA*

Instructor

Allison H. Landry
Local Coordinator

Brian D. Dietrich
Instructor

Michael Davies
Michael Davies, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

John Weres

has participated in

FHWA-NHI-130091B Underwater Bridge Repair, Rehabilitation, and Countermeasures

hosted by
Texas Department of Transportation

Date: *July 17 –18, 2018* ***Hours of Instruction:*** *14*
Location: *Fort Worth, TX*

Instructor

Local Coordinator

Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE

Certificate of Training

JOHN WERES

has participated in

FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by

LA DOTD/LTRC

Date: *February 26 – March 1, 2019* *Hours of Instruction:* 25

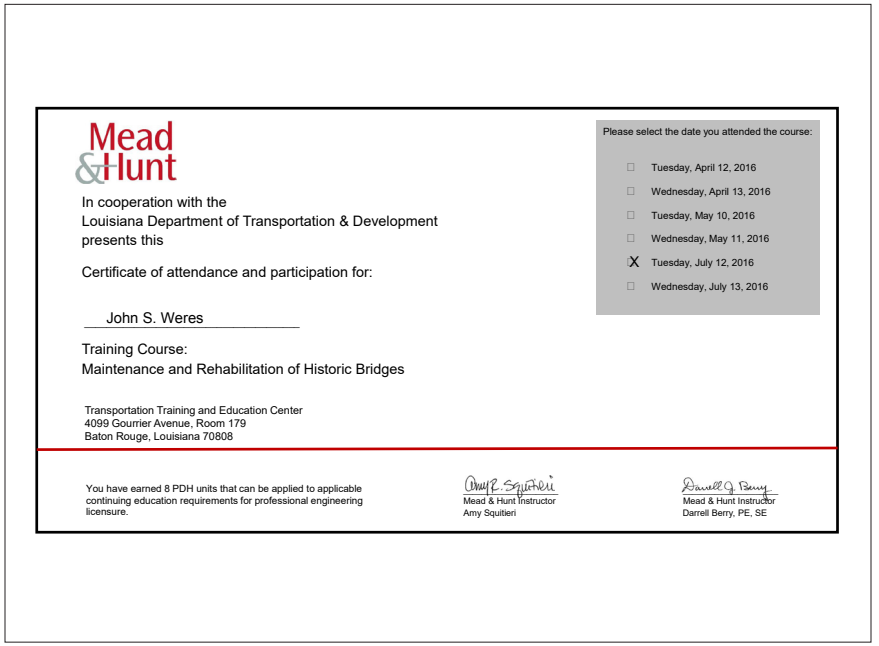
Location: *Baton Rouge, LA*

Instructor

Instructor

Local Coordinator

Michael Davies, Director
National Highway Institute



Mead & Hunt

In cooperation with the
Louisiana Department of Transportation & Development
presents this

Certificate of attendance and participation for:

John S. Weres

Training Course:
Maintenance and Rehabilitation of Historic Bridges

Transportation Training and Education Center
4099 Gourrier Avenue, Room 179
Baton Rouge, Louisiana 70808

Please select the date you attended the course:

- ☐ Tuesday, April 12, 2016
- ☐ Wednesday, April 13, 2016
- ☐ Tuesday, May 10, 2016
- ☐ Wednesday, May 11, 2016
- ☒ Tuesday, July 12, 2016
- ☐ Wednesday, July 13, 2016

You have earned 8 PDH units that can be applied to applicable continuing education requirements for professional engineering licensure.

Mead & Hunt Instructor
Amy Squitieri

Mead & Hunt Instructor
Darrell Berry, PE, SE

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

John Were

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

hosted by

COLLIERS ENGINEERING & DESIGN

Date: *October 28-29, 2021* *Hours of Instruction:* 12

Location: *Miami, FL*

Instructor

Instructor

Local Coordinator

Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

John Weres

has participated in

FHWA-NHI-130092 Load and Resistance Factor Rating of Highway Bridges

hosted by

Mississippi Department of Transportation

Date: *June 07-10, 2022* *Hours of Instruction:* 24

Location: *Jackson, MS*

Instructor

Instructor

Local Coordinator

Thomas Harman, Director
National Highway Institute

AMP SALES SERVICES, LLC
(540) 586-1021

Certificate of Completion

This certifies that

John Weres

Has successfully completed all requirements defined in ANSI Regulation A92.24 to be qualified as a

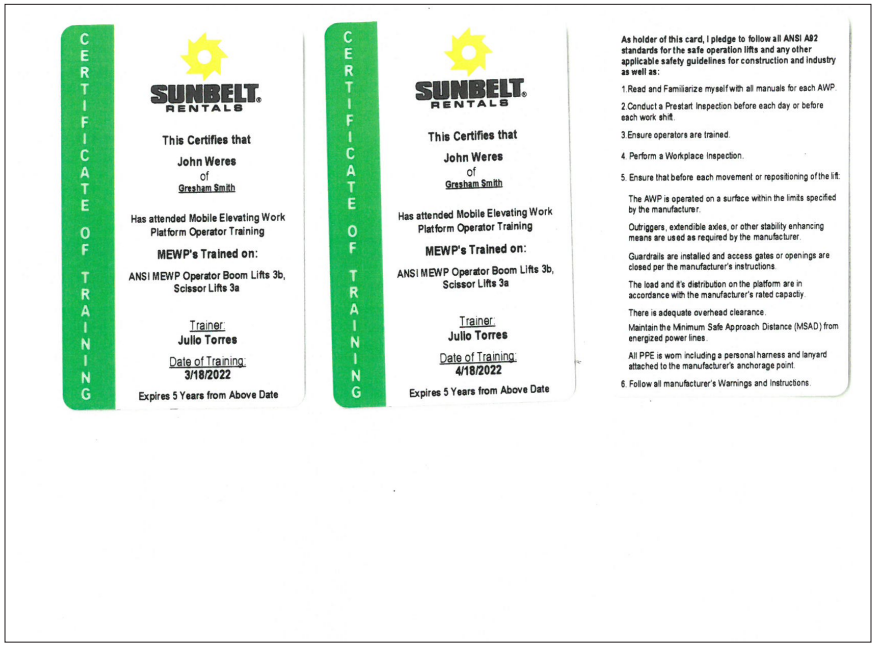
Mobile Elevated Work Platform
Bucket Operator: Group B, Type 2

Oct 10th, 2019
Date

EXP: 10/10/24

Mark Luft, Trainer

www.ampservicesllc.com



CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
John Weres
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

ANSI MEWP Operator Boom Lifts 3b, Scissor Lifts 3a

Trainer:
Julio Torres

Date of Training:
3/18/2022

Expires 5 Years from Above Date

CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
John Weres
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

ANSI MEWP Operator Boom Lifts 3b, Scissor Lifts 3a

Trainer:
Julio Torres

Date of Training:
4/18/2022

Expires 5 Years from Above Date

As holder of this card, I pledge to follow all ANSI A92 standards for the safe operation lifts and any other applicable safety guidelines for construction and industry as well as:

1. Read and Familiarize myself with all manuals for each AWP.
2. Conduct a Prestart Inspection before each day or before each work shift.
3. Ensure operators are trained.
4. Perform a Workplace Inspection.
5. Ensure that before each movement or repositioning of the lift:
   - The AWP is operated on a surface within the limits specified by the manufacturer.
   - Outriggers, extendible axles, or other stability enhancing means are used as required by the manufacturer.
   - Guardrails are installed and access gates or openings are closed per the manufacturer's instructions.
   - The load and it's distribution on the platform are in accordance with the manufacturer's rated capacity.
   - There is adequate overhead clearance.
   - Maintain the Minimum Safe Approach Distance (MSAD) from energized power lines.
   - All PPE is worn including a personal harness and lanyard attached to the manufacturer's anchorage point.
6. Follow all manufacturer's Warnings and Instructions.

Certificate of Training

this certifies that

John Weres

has successfully completed the training program requirements for

National Flagger Certification Training Course

Awarded on this **4th** *day of* **October 2023**

This certificate is valid for 30 days from the date awarded.

Congratulations!
Zillah Zoleta

You have completed

Traffic Engineering Analysis Process & Report Class
Modules 1, 2 &3

Date: February 1-2, 2023
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Zillah Zoleta
has attended
Traffic Control Supervisor-LA State Specific
Training Course

11/30/2022 to 11/30/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

ZILLAH ZOLETA

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/25/2023
Exp. Date 5/25/2027
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000178090 Verify at Flagger.com

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Zillah Zoleta

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Safety of Vulnerable Road Users Workshop

Steven C. Brumfield
Director, LTAP

LOCAL TECHNICAL ASSISTANCE PROGRAM
LTAP
LOUISIANA TRANSPORTATION RESEARCH CENTER

August 22nd, 2023
Date

New Orleans, Louisiana
Location

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Alben Paul Cooper III

License/Certificate Type - Number
PE.0036291

Expiration Date
09/30/2025

Status: Active

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: February 26, 2019
Location: Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Congratulations!
Kofi Ampofo-Twumasi

You have completed

Traffic Engineering Analysis Process & Report Class
Modules 1, 2 &3

Date: February 1-2, 2023
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board Inc.
1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org

Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC
P.O. Box 14269
Baton Rouge, LA 70898
USA

Dear Ms. Ferlito,

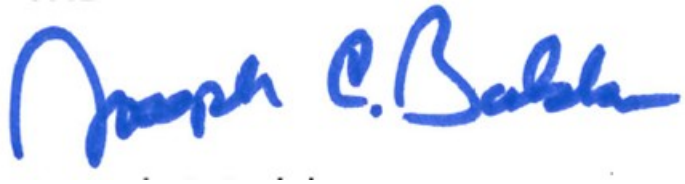
Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2027.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,



Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

The Transportation Professional Certification Board

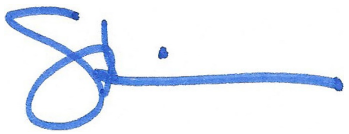
Certifies that

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP

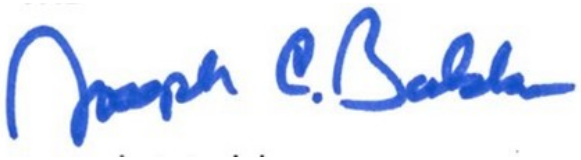
successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 2/3/2004

Certification Valid Through: 2/3/2028



Steve Kuciemba,
Executive Director and CEO



Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 1303

Laurence Lambert

From: Reece Rodrigue
Sent: Friday, June 10, 2022 8:55 AM
To: Laurence Lambert
Subject: FW: TPCB Renewal Approval Notice

See renewal notice below.

Reece Rodrigue, PE, PTOE
Vectura Consulting Services, LLC
m. 504.421.2782

From: info@ite.org <info@ite.org>
Sent: Friday, May 6, 2022 8:20 AM
To: Reece Rodrigue <rrodrigue@vecturacs.com>
Subject: TPCB Renewal Approval Notice

Transportation Professional Certificatic

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • F

Mr. Reece J. Rodrigue, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer®® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 7/17/2025.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 7/17/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly

selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.
1627 Eye Street, NW • Suite 550 • Washington, DC 20006 USA • Tel: 202-785-0060 • www.tpcb.org

Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1
4004 Hastings Street
Metairie, LA 70002
USA

Dear Mrs. Farrington,

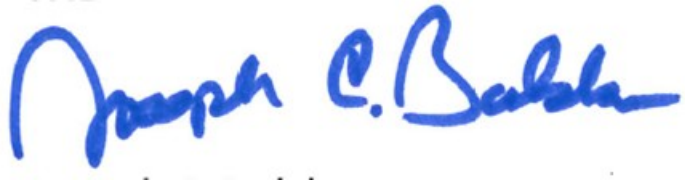
Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 3/26/2026.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,



Joseph C. Balskus, P.E., PTOE, RSP1
Chair, Transportation Professional Certification Board Inc.

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 8, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

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

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

Phillip Dowden

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 11/21/2022 — ATSSA *Instructor Name*

Exp. Date 11/20/2026 — *Instructor Signature*

State Issued LA

A1000113019 — Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Phillip Dowden
has attended
Traffic Control Technician-LA State Specific
Training Course

11/29/2022 to 11/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

John Burleigh

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/1/2022 — ATSSA *Instructor Name*

Exp. Date 2/28/2026 — *Instructor Signature*

State Issued LA

A1000053383 — Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Elvis Nguyen
has attended
Traffic Control Supervisor-LA State Specific
Training Course

7/1/2021 to 7/2/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA

Safer Roads Save Lives

Temporary Certification

Erick Kidder

for the successful completion of

Flagger

27-OCT-2023

Expiration Date:

26-OCT-2027

ATSSA CERTIFIED

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

American Traffic Safety Services Association

ATSSA.com

ATSSA

SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

James Koontz

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/17/2022

Exp. Date 3/16/2026

State Issued LA

ATSSA

Instructor Name

Instructor Signature

A1000054194

Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Duke Koontz

has attended

Traffic Control Technician-LA State Specific

Training Course

11/29/2022 to 11/29/2026

Training Valid Through

Director of Training

Baton Rouge, LA

Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA

SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

Austin LaCombe

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/9/2022

Exp. Date 3/8/2026

State Issued LA

ATSSA

Instructor Name

Instructor Signature

A1000053776

Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Marshall Pounds

has attended

Louisiana Traffic Control Supervisor Refresher

Training Course

9/10/2021 to 9/10/2025
Training Valid Through

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
EVANS-GRAVES ENGINEERS, INC.	Business Corporation	BATON ROUGE	Active

Previous Names

EDWARD E. EVANS & ASSOCIATES, INC. (Changed: 1/19/1983)

Business: EVANS-GRAVES ENGINEERS, INC.
Charter Number: 25700370D
Registration Date: 1/4/1962

Domicile Address

9029 JEFFERSON HWY.
SUITE 200
BATON ROUGE, LA 70809

Mailing Address

9029 JEFFERSON HWY.
SUITE 200
BATON ROUGE, LA 70809

Principal Office Address

9029 JEFFERSON HWY.
SUITE 200
BATON ROUGE, LA 70809

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 1/4/1962
Last Report Filed: 12/16/2024
Type: Business Corporation

Search for Louisiana Business Filings

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Name	Type	City	Status
MICHAEL BAKER INTERNATIONAL, INC.	Business Corporation (Non-Louisiana)	PITTSBURGH	Active

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Name	Type	City	Status
GRESHAM SMITH	Partnership (Non-Louisiana)	OFFICE: NASHVILLE, TENNESSEE	Active

Previous Names

GRESHAM, SMITH AND PARTNERS (Changed: 9/27/2018)

Business: GRESHAM SMITH
Charter Number: 36123793L
Registration Date: 2/17/2006

Domicile Address

DOMICILE: TENNESSEE
OFFICE: NASHVILLE, TENNESSEE

Mailing Address

222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TN 37201

Principal Business Office

222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TN 37201

Registered Office in Louisiana

Principal Business Establishment in Louisiana

10000 PERKINS ROWE
SOUTH TOWER - SUITE G520
BATON ROUGE, LA 70810

Status

Status: **Active**
Registered: 2/17/2006
Last Report Filed: 1/22/2025
Type: Partnership (Non-Louisiana)

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

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

Previous Names

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

Domicile Address

4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639

Mailing Address

PO BOX 14269
BATON ROUGE, LA 70898

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/24/2015
Last Report Filed: 7/26/2024
Type: Limited Liability Company

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
SJB GROUP, L.L.C.	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: SJB GROUP, L.L.C.
Charter Number: 36063779K
Registration Date: 12/2/2005

Domicile Address

5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Mailing Address

C/O MATTHEW ESTOPINAL
5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 12/2/2005
Last Report Filed: 12/20/2024
Type: Limited Liability Company

Registered Agent(s)

Agent: MATTHEW ESTOPINAL
Address 1: 5344 BRITTANY DRIVE
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 4/17/2023

21. <u>QA/QC Plan:</u>

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted**.

22. Sub-consultant information:

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

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
Michael Baker International, Inc.	2600 Citiplace Drive, Suite 450 Baton Rouge, LA 70808	Daniel Thornhill, PE daniel.thornhill@mbakerintl.com	225-218-2846
Gresham Smith	10000 Perkins Rowe South Tower – Suite G520 Baton Rouge, LA 70810	Herbert "Bert" Moore, II, PE, PLS, PTOE bert.moore@greschamsmith.com	225-282-2101
Vectura Consulting Services, LLC	P.O. Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	225-223-6685
SJB Group, L.L.C.	5344 Brittany Drive, Baton Rouge, LA 70808	Charles "Tim" Brewer Tim.Brewer@sjbgroup.com	225-769-3400

(Add rows as needed)

23. Location:

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