



## LADOTD

IDIQ Contract for Stage 0 Studies Statewide  
Contract No. 4400030714 and 4400030715

Statewide, LA | April 8, 2025



## Genuine Ingenuity

10000 Perkins Rowe  
South Tower - Suite G520  
Baton Rouge, LA 70810

225.757.5849  
GreshamSmith.com

# Gresham Smith

April 8, 2025

Ms. Paulette Territo  
Consultant Contract Services Administrator  
Department of Transportation and Development  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802

Dear Ms. Territo:

At Gresham Smith, we have been honored to partner with LADOTD and numerous public agencies on a variety of projects. From our Baton Rouge office, and also at the corporate level, we share in the stake that the LADOTD holds in carrying out its responsibilities in the most effective manner possible. Our key local staff all have experience successfully completing road, bridge, complete street, and traffic projects individually for LADOTD, and we look forward to the opportunity to partner with LADOTD on this IDIQ contract to perform Stage 0 Studies.

We currently hold an IDIQ contract with LADOTD to preform Stage 0 Studies and we are excited for the opportunity to continue to provide these services for another 5 years. Based on our experience developing Stage 0 studies both under our current IDIQ retainer for Stage 0 studies and across the southeastern United States, Gresham Smith will manage all aspects of the program. Our overriding goal is to *Focus on the Success of Our Client*. To make this project a success for LADOTD, we have assembled an extremely strong team that includes Gresham Smith's local staff who have extensive experience and knowledge of the department's policies, processes, and procedures. Our local staff gained this experience and knowledge by working for LADOTD as employees and delivered projects for LADOTD as consultants. This local team will be supported by key subject matter experts located in regional offices, including ELOS Environmental, LLC, who we have worked closely with in the past on Stage 0 Studies for LADOTD and who will perform the environmental and cultural research necessary for this project. Our team brings added value over and above your vision for the contract, and offers the DOTD a winning formula based on the following:

- Herbert "Bert" Moore II, P.E., PLS, PTOE, Project Executive and Gresham Smith's Gulf Region Leader, is experienced with the Stage 0 process. In his 26 years of experience both as a consultant and as LADOTD's District Traffic Operations Engineer for District 61, Bert has provided portions of the Stage 0 Studies as well as full Stage 0 studies both as an employee of the department and as a consultant for numerous projects. As the Project Executive, Bert will ensure the team has the expertise and resources necessary for LADOTD's successful completion of this project on-time and on-budget.
- Richard Savoie, P.E, Project Manager, will oversee day-to-day project tasks. Richard's 40+year career includes 34 years with the LADOTD in increasing roles culminating as the LADOTD Chief Engineer. In his four years as Chief Engineer, Richard provided guidance to staff, while promoting innovation, continuous improvement and efficient use of resources. As the Chief Engineer, he was provided copies of all LADOTD Stage 0 studies and provided comments when needed. While at Gresham Smith, Richard has served as Project Manager for our current IDIQ Contract for Stage 0 Studies.



- Brennon Hughes, P.E., (roadway) and Courtney Rome, P.E., (bridge) are experienced engineers who have performed numerous designs for LADOTD in the past will develop conceptual plans and cost estimates for project alternatives identified within these studies. Brennon and Courtney are supported by other local professionals who make up our design teams.
- Herbert "Bert" Moore, II, P.E., PLS, PTOE, Rebecca Murray, P.E., PTOE, RSP1, and Alben Cooper, P.E., PTOE are all Professional Traffic Operations Engineers Licensed in Louisiana with experience completing traffic studies for LADOTD and certified in the DOTD Traffic Engineering Process and Report, Levels I, II and III. All three also have experience accessing the LADOTD crash database, reviewing crash data, and using the LADOTD Highway Safety Analysis Toolbox and the CAT Scan tools as well as experience using the Highway Safety Manual (HSM).

The Gresham Smith team is eager, enthusiastic, and available to start work immediately on this project. We respectfully ask for your consideration and appreciate the opportunity to present this proposal.

Please feel free to contact me or our proposed Project Manager, Richard Savoie with any questions.

Sincerely,

Herbert "Bert" Moore II, P.E., PLS, PTOE  
Regional Transportation Leader - Gulf Coast  
225.282.2101  
bert.moore@greshamsmith.com

Richard Savoie  
Project Manager  
225.960.5483  
richard.savoie@greshamsmith.com

**Gresham  
Smith**


# 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 title as shown in the advertisement	IDIQ Contract for Stage 0 Studies Statewide
2. Contract number(s) as shown in the advertisement	4400030714 and 4400030715
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name ( <b>name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u></b> )	 <b>Gresham Smith</b>
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003429 DUNS number: 059153676
6. Prime consultant mailing address	10000 Perkins Rowe, South Tower - Suite G520, Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, South Tower - Suite G520, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Herbert "Bert" Moore, II, P.E., PLS, PTOE Gulf Coast Regional Transportation Leader 225.757.5849 / bert.moore@greshamsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Herbert "Bert" Moore, II, P.E., PLS, PTOE Gulf Coast Regional Transportation Leader 225.757.5849 / bert.moore@greshamsmith.com

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

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

**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.

Signature (shall be the same person as #9):



Date: April 8, 2025

Firm(s):

Firm(s)' %:

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

<b>Discipline(s)</b>	<b>% of Overall Contract</b>	<b>Gresham Smith (Prime)</b>	<b>ELOS Environmental (Sub)</b>	<b>Each Discipline must total to 100%</b>
<b>Bridge</b>	10%	100%		100%
<b>Environmental</b>	10%		100%	100%
<b>Planning</b>	40%	90%	10%	100%
<b>Road</b>	10%	100%		100%
<b>Traffic</b>	30%	100%		100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
<b>Percent of Contract</b>	<b>100%</b>	<b>86%</b>	<b>14%</b>	<b>100%</b>

**13. Firm Size:**

<b>Firm Name</b>	<b>DOTD Job Classification</b>	<b>Number of personnel committed to this contract</b>	<b>Total number of personnel available in this DOTD Job Classification (if needed)</b>
Gresham Smith	Clerical	1	1
Gresham Smith	Engineer	4	8
Gresham Smith	Engineer Intern	4	8
Gresham Smith	Planner	2	4
Gresham Smith	Principal	1	1
Gresham Smith	Professional	1	4
Gresham Smith	Senior Technician	2	6
Gresham Smith	Supervisor - Eng	4	8
Gresham Smith	Supervisor - Other	2	4
ELOS Environmental, LLC	Archaeologist	1	2
ELOS Environmental, LLC	Biologist / Wetlands	3	5
ELOS Environmental, LLC	Clerical	2	2
ELOS Environmental, LLC	Environmental Manager	2	2
ELOS Environmental, LLC	Environmental Pro	2	2
ELOS Environmental, LLC	Geologist	1	1
ELOS Environmental, LLC	GIS Analyst	2	2
ELOS Environmental, LLC	Historian	1	2
ELOS Environmental, LLC	Inspector – Lead	1	4
ELOS Environmental, LLC	Principal	1	2
ELOS Environmental, LLC	Technician	2	5

(Add rows as needed)

## 14. Organizational Chart:



**Prime**  
Gresham Smith

**Subconsultant**  
ELOS Environmental, LLC



**15. Minimum Personnel Requirements:**

<b>MPR No.</b> (Do not insert wording from ad)	<b>Personnel being used to meet the MPR</b> (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	<b>Firm employed by</b>	<b>Type of license and discipline meeting MPR / certification &amp; number</b> (Ex: PE # - Civil)	<b>State of license</b>	<b>License / certification expiration date</b>
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)  PLS - 5043  PTOE - 2728	Louisiana  Louisiana  International	P.E. Exp. 9/30/2026 PLS Exp. 9/30/2026 PTOE Exp. 9/30/2027
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)  PLS - 5043  PTOE - 2728	Louisiana  Louisiana  International	P.E. Exp 9/30/2026 PLS Exp. 9/30/2026 PTOE Exp. 9/30/2027
3.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)  PLS - 5043  PTOE – 2728	Louisiana  Louisiana  International	P.E. Exp 9/30/2026 PLS Exp. 9/30/2026 PTOE Exp. 9/30/2027
	Richard Savoie, P.E.	Gresham Smith	P.E. - 20936 (Civil)	Louisiana	P.E. Exp. 9/30/2026
	Brennon Hughes, P.E.	Gresham Smith	P.E. – 39985 (Civil)	Louisiana	P.E. Exp. 3/31/2026
4.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)  PLS - 5043  PTOE – 2728	Louisiana  Louisiana  International	P.E. Exp 9/30/2026 PLS Exp. 9/30/2026 PTOE Exp. 9/30/2027
	Richard Savoie, P.E.	Gresham Smith	P.E. - 20936 (Civil)	Louisiana	P.E. Exp. 9/30/2026
	Brennon Hughes, P.E.	Gresham Smith	P.E. – 39985 (Civil)	Louisiana	P.E. Exp. 3/31/2026
5.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)  PLS - 5043	Louisiana  Louisiana	P.E. Exp 9/30/2026 PLS Exp.

			PTOE - 2728	International	9/30/2026 PTOE Exp. 9/30/2027
6.	Rebecca Murray, P.E., PTOE, RSP1	Gresham Smith	P.E. – 43788 (Civil)	Louisiana	P.E. Exp 3/31/2026
			PTOE – 4861	International	PTOE Exp 3/26/2026
			RSP1 – 611	International	RSP1 Exp 4/5/2027
	Alben Cooper, III, P.E., PTOE	Gresham Smith	P.E. – 36291 (Civil)	Louisiana	P.E. Exp 9/30/2025
			PTOE - 3206	International	PTOE Exp 5/2/2027
7.	John Weres, P.E.	Gresham Smith	P.E. – 36429 (Civil)	Louisiana	P.E. Exp 9/30/2025
	Courtney Rome, P.E.	Gresham Smith	P.E. – 43355 (Civil)	Louisiana	P.E. Exp 9/30/2025
8.	Lucas Watkins	ELOS			
	Brian Fortson	Environmental, LLC			
	Basile Dardar	ELOS			
	Cory Ricks	Environmental, LLC			
	Mike Hill	ELOS			
	Christopher Wilson	Environmental, LLC			
	Sandy Layne-Sclafani, P.E.	ELOS			
		Environmental, LLC			
		Gresham Smith	P.E. – 100962 (Civil)	Tennessee	P.E. Exp 07/31/2025

## 16. Staff Experience:

**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**

Project Executive / Bert will provide overall contract management and direction for our team, 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 26 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.

07/23–05/24

**LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA | *Project Manager*.** Gresham Smith was selected for LADOTD’s Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.

05/18–12/21


**LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA | *Project Executive*.** 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 tool box. Traffic analysis will be performed using mainly HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volumes counts and Trans CAD models and performed an extensive count analyses to develop regional growth rates for the study area. Bert was responsible for the overall study, quality assurance and verifying the technical adequacy alternative analyses.

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. Bert was responsible for the review of crash reports, the safety analysis, the traffic analysis, development of alternatives, the traffic study report and led the public meetings with local officials and agencies.
10/23–03/25	<b>Ascension Parish, LA 3127 Extension Environmental Assessment, Donaldsonville, LA   Project Executive.</b> Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.
02/17–12/20	<b>LADOTD, SRTS/LRSP Task Order 6 &amp; 21: Endom Bridge, West Monroe, LA   Project Executive.</b> 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.
03/21–04/24	<b>MSY, Task 4: Entrance Road Capacity, Kenner, LA   Senior Transportation Engineer.</b> Gresham Smith provided 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 included 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 (S.P. H.011670). The completed widened road connects the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.
04/20–11/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Project Executive.</b> Gresham Smith was 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. Bert assisted the team with roundabout analysis, temporary traffic control, and sequencing of construction.
06/21–01/24	<b>EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA   Project Executive.</b> Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project included a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals, and street lighting. A design study was completed, followed by the development of final design plans. The project will result in a revitalized corridor with improvements for all users.
02/22–Ongoing	<b>City of Dallas, Bike Plan Update 2022, Dallas, TX.   Senior Traffic Engineer.</b> 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.

## 16. Staff Experience:


Gresham Smith					
	<b>Richard Savoie, P.E.</b> Project Manager		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		Project Manager / Richard will provide Gresham Smith leadership and oversight of all aspects of this project. He will lead the scope areas of project management and program assistance, coordination meetings and project reporting, and the planning and design tasks. Richard will provide roadway design and roadway-related constructability support services while applying value engineering principles to all phases of the studies.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
07/23–05/24	LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA   <b>Project Manager</b> . Richard served as Project Manager for this Stage 0 Study that Gresham Smith delivered under our retainer contract for Stage 0 Studies. Richard was responsible for day-to-day operations and overall management of the project. This Stage 0 Study was completed two months ahead of schedule and was completed at nearly \$80,000 under budget.				
12/24–Ongoing	LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA   <b>Project Manager</b> . Richard is serving as Project Manager for this Stage 0 Study that Gresham Smith is actively developing for LADOTD under our retainer contract for Stage 0 Studies. Richard is responsible for day-to-day operations and overall management of the project.				
05/18–12/21	LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   <b>QA/QC</b> . 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 tool box. Traffic analysis will be performed using mainly HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volumes counts and Trans CAD models and performed an extensive count analyses to develop regional growth rates for the study area. Richard provided QA/QC for the overall study.				
06/21–01/24	EBR DTD, MovEBR-Plank Road Corridor Enhancement Study and Design, Baton Rouge, LA   <b>Project Manager</b> . Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project included a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals, and street lighting. The project resulted in a revitalized corridor with				

	improvements for all users. Richard managed the project on a day-to-day basis and leading the coordination with our sub-consultants.
03/21–04/24	<b>MSY, Task 4: Entrance Road Capacity, Kenner, LA   Senior Engineer.</b> Gresham Smith provided 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 included 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 (S.P. H.011670). The completed widened road connects 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.
09/18–12/20	<b>LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   Senior Engineer.</b> The project consisted of roadway realignment at the bridge approach to improve roadway geometry and safety. Right-of-way was 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.
08/22–Ongoing	<b>City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA   Project Manager.</b> 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).
08/22–Ongoing	<b>LADOTD, Discretionary Grant Administration, Baton Rouge, LA   Project Manager.</b> Gresham Smith is responsible for assisting the Louisiana Department of Transportation and Development in administering discretionary grant funds, as historically, LADOTD has not had much success with securing pursued IIJA funds. Gresham Smith currently stations a Registered Professional Engineer within the DOTD headquarters on a full-time basis, allowing us to have intimate knowledge of the State's funding processes, and quick accessibility to help with coordination efforts. As the consultant, Gresham Smith has streamlined the monitoring of spending and obligation of federal discretionary funds that are awarded to entities within the state and LADOTD. Coordination with FHWA Headquarters and other municipalities is required with this contract, along with drafting scopes for grant application projects. Our team also monitors and assists as needed the Grant Agreement process with local agencies to ensure deadlines are being met.
05/80–02/06	<b>LADOTD, Road Design, Baton Rouge, LA   Design Engineer/Project Manager.</b> Richard spent 26 of his 34-year LADOTD career in Road Design. Starting as an EIT 1 progressing to Assistant Road Design Engineer responsible for project management of roadway design by staff and design consultants preparing roadway plans and developing roadway design projects.

## 16. Staff Experience:

**Gresham Smith**

**Brennon Hughes, P.E.**  
Lead Roadway Design Engineer


 <div><b>Brennon Hughes, P.E.</b> Lead Roadway Design Engineer</div>		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		Lead Roadway/ Design Engineer / Brennon will lead the development of the conceptual roadway design plans, determination of ROW requirements and cost estimates.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/23–05/24	LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA   <b>Lead Roadway Design Engineer.</b> Brennon was responsible for leading the conceptual roadway design alternatives for this Stage 0 Study. This work included developing typical sections along with plan view geometry on aerial layouts for three alternatives. He also assisted with the review of project design criteria along with development of Stage 0 Draft Report and construction cost estimates.			
06/21–01/24	EBR DTD, MovEBR-Plank Road Corridor Enhancement Study and Design, Baton Rouge, LA   <b>Lead Roadway Design Engineer.</b> 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. A design study was completed, followed by the development of final design plans. The project will result in a revitalized corridor with improvements for all users.			
03/21–04/24	MSY, Task 4: Entrance Road Capacity, Kenner, LA   <b>Lead Roadway Design Engineer.</b> Gresham Smith provided 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 included 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 (S.P. H.011670). The completed widened road connects the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.			



08/17–12/20	<b>LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   Lead Roadway Design Engineer.</b> 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.
04/20–11/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Lead Roadway/Roundabout Design Engineer.</b> Gresham Smith was 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. Brennon led the design and the preparation of preliminary and final plans and cost estimates.
08/22–Ongoing	<b>City of Gonzales, US 61 Superstreet (Lowe Ave to LA 44), Gonzales, LA   Lead Roadway Engineer.</b> 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 Lowe and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). Brennon is the lead engineer on this project, providing roadway design and signal design oversight.
09/17–06/19	<b>LADOTD, SRTS/LRSP Task Order 7: McMillan Street at Blanchard Street Design, West Monroe, LA   Lead Roadway Design Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades (West Feliciana)   Lead Roadway Design Engineer.</b> 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.
11/17–06/19	<b>LADOTD, SRTS/LRSP Task Order 11: Ouachita Sidewalks, Monroe, LA   Lead Roadway Design Engineer.</b> 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.
02/22–11/22	<b>City of Dallas, Vernon/ Tyler Gap from Polk Street to DART Tracks, Dallas, TX – Design Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA   Lead Roadway Design Engineer.</b> Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He also led 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.




## 16. Staff Experience:

Gresham Smith			
 <b>Ronnie Robinson, P.E.</b> 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 all aspects of the conceptual roadway design efforts including establishing design requirements, ROW requirements, construction cost estimates and reviewing plans for constructability.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
03/16–10/17	<b>LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA   Senior Engineer.</b> 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.		
02/17–12/20	<b>LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   Senior Engineer.</b> 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.		
04/20–11/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Senior Engineer.</b> Gresham Smith was 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. 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.		
07/17–06/19	<b>LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Design, West Monroe, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Farmerville, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades, West Feliciana Parish, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 5 &amp; 11: Ouachita Parish Schools Report and Design, Monroe, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 1: City of Vidalia – Traffic Study, Vidalia, LA   Senior Engineer.</b> Ronnie was responsible for providing construction cost estimates.
11/16–02/18	<b>LADOTD, SRTS/LRSP Task Order 4: Monroe Guardrail, Monroe, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 3: Desiard Street Striping, Monroe, LA   Senior Engineer.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 10: N. Foster Drive to Greenwell Springs Road (Pedestrian Improvements), Baton Rouge, LA   Senior Engineer.</b> 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.

## 16. Staff Experience:

Gresham Smith				
 <b>Zillah Zoleta, E.I.</b> 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		E.I. 0035238 / LA / 3/31/2025		
Year registered		2022	Discipline	Civil
Contract role(s) / brief description of responsibilities		Engineer Intern / Zillah will support all aspects of the conceptual roadway design efforts.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/23 – 05/24	LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA   <b>Engineer Intern</b> . Zillah was responsible for assisting in the conceptual roadway design alternatives for this Stage 0 Study. This work included assisting in developing typical sections along with plan view geometry on aerial layouts for three alternatives.			
06/21–01/24	EBR DTD, MoveBR-Plank Road Corridor Enhancement Study and Design, Baton Rouge, LA   <b>Engineer Intern</b> . This project included a design study followed by the development of final design plans along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah's responsibilities included assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She was also responsible for addressing general markups in MicroStation.			
08/22–Ongoing	City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA   <b>Engineer Intern</b> . 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.			
06/22–12/223	LADOTD, LRSP TO#2 - Bonner Street Pedestrian Improvements, Ruston, LA   <b>Engineer Intern</b> . 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.			
10/24–Ongoing	LADOTD, SRTPPP TO#2 Pinhook at Verot Ped Impr, Lafayette, LA   <b>Engineer Intern</b> . Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Verot School Rd and West Pinhook Rd in Lafayette, LA. Zillah is responsible for development of typical sections, plan profile sheets, geometric details, and pavement marking layout.			

**16. Staff Experience:****Gresham Smith****Javien Delasbour, E.I.**

Engineer Intern

**Years of experience with this firm/employer**


&lt;1

**Years of experience with other firm(s)/employer(s)**


0

Degree(s) / Years / Specialization	Bachelor of Science / 2024 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	E.I. 0035966 / LA / 9/30/2025		
Year registered	2025	Discipline	E.I. / Civil
Contract role(s) / brief description of responsibilities		Javien will support all aspects of the conceptual roadway design efforts.	
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).		
12/24–Ongoing	LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA / <i>Engineer Intern</i> . Javien is responsible for assisting in the development of the conceptual design plans for this Stage 0 Study. His work includes assisting in the development of the typical sections and drafting the plan view details.		
10/24–Ongoing	LADOTD, SRTPPP TO#2 Pinhook at Verot Ped Impr, Lafayette, LA   <i>Engineer Intern</i> . Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Verot School Rd and West Pinhook Rd in Lafayette, LA.		
09/22–09/24	ALDOT, Mobile Area Traffic Planning Study, Mobile, AL   <i>Engineer Intern</i> . The goal of the Mobile Region Planning Study is to understand the capacity and operations of major roadways in the Mobile area and assess future needs for operational and capacity improvements, given significant development anticipated in the region over the next several years. As part of this study, the Gresham Smith team is conducting a planning-level service capacity analysis for current conditions and performing trip generation for forthcoming developments to develop a future capacity analysis. The team will use origin destination data to distribute the trips and perform a detailed operational analysis of several key intersections, ramp junctions, and weaving segments. The outcomes of these tasks will be used to develop intersection and corridor-level improvements that will help ALDOT, the local MPOs and local agencies, plan, fund and implement needed improvements to handle projected growth in the region.		

## 16. Staff Experience:

Gresham Smith				
	<b>Alben Cooper III, P.E., PTOE</b> 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 assist with traffic related tasks.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/23–05/24	<b>LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA   Senior Traffic Engineer.</b> Gresham Smith was selected for LADOTD’s Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.			
10/23–03/25	<b>Ascension Parish, LA 3127 Extension Environmental Assessment, Donaldsonville, LA   Senior Traffic Engineer.</b> Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.			
05/21–Ongoing	<b>MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA – Senior Engineer.</b> 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. Alben 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.			
07/18–01/20	<b>Fat City Improvements, Traffic and Parking Study, Jefferson Parish, LA   Lead Traffic Engineer.</b> 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. Alben 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, Alben was invited to be a member of a stakeholder committee to provide input on transportation related items related to the Fat City revitalization.			


## 16. Staff Experience:

Gresham Smith				
 <b>Rebecca Murray, P.E., PTOE, RSP1</b> 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 traffic management plan tasks.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/18–12/21	<b>LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   Engineer.</b> 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.			
07/23–05/24	<b>LADOTD, LA 3089 Serv Rd / LA 70 Up Stage 0 Study, Donaldsonville, LA   Traffic Engineer.</b> Gresham Smith was selected for LADOTD’s Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.			
10/23–03/25	<b>Ascension Parish, LA 3127 Extension Environmental Assessment, Donaldsonville, LA   Traffic Engineer.</b> Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.			
04/18 – 05/19	<b>LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA   Pre-Professional.</b> Gresham Smith developed a TMP for the Rubbelization and Overlay on I-10 between I-210 and the LA 108 Interchange. Included the mill and overlay of I-10, widening two flat deck bridges on I-10 to add a lane, and replacing all of the concrete panels on I-10 through the LA 108 interchange. Traffic was moved to a C/D road within the interchange and cloverleaf ramps were closed during			




	construction. Two temporary traffic signals were designed to facilitate traffic at this interchange, and this project included data collection and queue and safety analyses and traffic signal design. Rebecca assisted with traffic counts and queue analysis, safety analysis, alternate route/detour analysis, temporary traffic control, and development of the TMP report.
05/17–03/19	<b>LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   Pre-Professional.</b> 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.
10/17–04/18	<b>LADOTD, US 90 Bridge Maintenance over I-10 Ramps, Transportation Management Plan (TMP), Lake Charles, LA   Project Executive.</b> Gresham Smith was selected to develop a TMP for the replacement of the bridge deck of the US 90 overpass over I-10 in Lake Charles, LA. The project included working with the design engineers to determine the required lane closures for the construction, data collection and queue and safety analyses. Rebecca's role was to review traffic and crash data and assist with development of the TMP report.
05/17–01/19	<b>LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA   Pre-Professional.</b> 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	<b>LADOTD, SRTS/LRSP Task Order 1: City of Vidalia, Vidalia, LA   Pre-Professional.</b> Rebecca's role was to review traffic and crash data, perform traffic analysis, develop alternatives, and prepare the project report.
03/21–Ongoing	<b>MovEBR, Bluebonnet Boulevard Sidewalks (North Mall Dr. to Bluebonnet Centre Blvd.) City-Parish Project No. 20-EN-HC-0029, East Baton Rouge, LA   Engineer.</b> 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	<b>MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA   Engineer.</b> 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	<b>MovEBR, Contract for Signal Rebuild Phase 1 Group 3 and Phase 2 Group 2 Design Services Parish Synchronization &amp; Communication, Baton Rouge, LA   Lead Traffic Engineer.</b> 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.

## 16. Staff Experience:

Gresham Smith					
	<b>Kofi Ampofo-Twumasi, E.I.</b> 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; Bachelor of Science / 2019 / Civil Engineering / Kwame Nkrumah University of Science and Tech			
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 traffic and safety related tasks.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
10/23–03/25	Ascension Parish, LA 3127 Extension Environmental Assessment, Donaldsonville, LA   <i>Engineer Intern</i> . Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.				
08/21–Ongoing	LADOTD, LRSP TO #6 (LA-14: US 90 to Power Center Pkwy) Traffic Report, Lake Charles, LA   <i>Engineer Intern</i> . 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 (Frugé 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)   <i>Engineer Intern</i> . 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.				
10/18–04/21	LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA   <i>Engineer Intern</i> . 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.				
04/22–Ongoing	MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA   <i>Engineer Intern</i> . 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.				



## 16. Staff Experience:

Gresham Smith				
 <b>John Weres, P.E.</b> 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		Lead Structural Design Engineer / John will support the structural design 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).			
12/24–Ongoing	LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA   <b>Project Manager</b> . The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.			
8/15–11/18	LADOTD, ITS Design & Implementation WO# 4: H.011503 – I-10 Twin Span ITS, Slidell, LA   <b>Lead Structural Engineer</b> . 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 retro-fit 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   <b>Lead Structure Engineer</b> . 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.			
07/18–06/21	MDOT, SR 149 Simpson County Bridge Replacements, MS   <b>Lead Structure Engineer</b> . 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.			

## 16. Staff Experience:

## Gresham Smith

**Courtney Rome, P.E.**

Bridge Engineer

<b>Years of experience with this employer</b>		7
		8
<b>Years of experience with other employer(s)</b>		8
<b>Degree(s) / Years / Specialization</b>		Bachelor of Science / 2009 / Civil Engineering, Southern University and A&M College
<b>Active registration number / state / expiration date</b>		PE.0043355 / LA / Exp. 9/30/25
<b>Year registered</b>	2019 (LA)	<b>Discipline</b> P.E. / Civil
<b>Contract role(s) / brief description of responsibilities</b>		Bridge Engineer / Courtney will lead the structural design related tasks.
<b>Experience dates (mm/yy–mm/yy)</b>	<b>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).</b>	
12/24–Ongoing	<b>LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA   Project Manager.</b> The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.	
06/19–10/23	<b>LADOTD, Complex Bridge Inspections, Statewide, LA   Engineer.</b> 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	<b>TDOT, Complex Bridge Load Ratings, Statewide, TN   Project Engineer.</b> 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	<b>FLDOT, Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL   QA/QC.</b> 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	<b>TDOT, Off-System Underwater Bridge Inspections, Statewide, TN   QC Reviewer.</b> Courtney provided quality control reviews for the inspection reports and graphics. The project included over 50 bridges throughout Tennessee	

## 16. Staff Experience:

Gresham Smith



**Jackson Hartley, E.I.**  
Bridge Engineer Intern

Years of experience with this employer

3

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science, Civil Engineering, Louisiana State University, 2021

Active registration number /  
state / expiration date

E.I. 35058 9/30/2024

Year registered

2022

Discipline

E.I.

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Jackson will support the bridge design.

Experience dates  
(mm/yy–mm/yy)Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

12/24–Ongoing

**LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA | *Project Manager*.** The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.

06/21 – 10/22

**LADOTD, Complex Bridge Inspections, Statewide, LA | *Bridge Engineer Intern*.** Task Order 6 - Retainer project for various movable bridge inspections. Jackson assisted with site inspections of movable bridges including Bridge 009130, Charington Swing Bridge, Bridge 005860 Jeanerette Swing Bridge, and Bridge 003450 Boudreaux Canal. Jackson has performed photo log preparation and stream bed analysis for the Boudreaux Canal Bridge. Jackson participated in the site inspections and photo documentation as a summer intern and has progressed.


11/22 – 10/23

**LADOTD, Complex Bridge Inspections, Statewide, LA | *Bridge Engineer Intern*.** Task Order 6 - Retainer project for various movable bridge inspections. Jackson provided support and performs site assessments for the partial re-inspection of bridges throughout LADOTD District 62.


06/21 – 08/21

**Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL | *Bridge Engineer Intern*.** 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. Jackson assisted with cataloging the drone videos and photographs and also assisted with the report formatting.

## 16. Staff Experience:

Gresham Smith					
	<b>Drew Gaskins</b> , AICP Transportation Planner			<b>Years of experience with this firm/employer</b>	14
				<b>Years of experience with other firm(s)/employer(s)</b>	1
<b>Degree(s) / Years / Specialization</b>		Master of Science / 2012 / Geography, University of Tennessee Bachelor of Arts / 2008 / Geography, University of Tennessee			
<b>Active registration number / state / expiration date</b>		American Institute of Certified Planners (AICP), Credential ID 028912, Issued July 2016			
<b>Year registered</b>		N/A	<b>Discipline</b>	N/A	
<b>Contract role(s) / brief description of responsibilities</b>			Transportation Planner / Drew will support the bike/ped facility study/design tasks.		
<b>Experience dates (mm/yy–mm/yy)</b>	<b>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).</b>				
Career	Drew has more than twelve years of experience as a planner. His professional emphasis is in NEPA planning, GIS analysis and mapping, and public outreach. His educational emphasis involved GIS, urban planning and design, and social ecology.				
11/20–7/22	<b>CRPC, Ferry Feasibility Study, Baton Rouge, LA   Planner.</b> Gresham Smith is assisting Moffatt and Nichol with the Traffic Study portion of the Ferry Feasibility Study in Baton Rouge, LA for the Capital Region Planning Commission (CRPC).				
06/24–07/24	<b>TDOT – Grant Application Assistance Services, Davidson County, TN   Grant Writer.</b> Gresham Smith shall provide the necessary studies and technical support required for the development of one (1) Consolidated Rail Infrastructure and Safety Improvements (CRISI) application for transportation infrastructure improvements in Tennessee as determined by the Tennessee				
12/18–08/19	<b>City of Newport, West Highway 25 / 70 Corridor Study, Newport, TN   Planner.</b> Gresham Smith worked with the city to identify improvements and establish development standards that will shape the corridor’s future for years to come. The project had a diverse set of goals, including focusing more intense development near I-40, planning for new residential development along the corridor, improving the aesthetics and desirability of the corridor to new residents and businesses, and attracting younger people and families to the Newport area.				
12/24–02/25	<b>Copiah County, FY 2025 RAISE Grant Application, Copiah, MS   Grant Writer.</b> Grant writing services to prepare the necessary application for project funding assistance for transportation infrastructure improvements along the Jack Road corridor in Copiah County, MS				

## 16. Staff Experience:

Gresham Smith			
 <b>Camryn Jones</b> Transportation Planner	Years of experience with this employer		7
	Years of experience with other employer(s)		2
Degree(s) / Years / Specialization	Bachelor of Science / Communications / Mississippi College		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities		Planner / Camryn will provide planning for design for pedestrian improvements.	
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).		
07/18–02/19	MDOT, 2018 SR 19 Neshoba County BUILD Transportation Grant Application, Philadelphia, MS   <b>Document Control</b> . Camryn was responsible for preparing the application and its website for submittal.		
07/18–08/19	MDOT, 2019 SR 76 INFRA Application, Golden, MS   <b>Document Control</b> . Camryn is responsible for preparing the application and its corresponding website.		
02/18–02/20	MDOT, CSU Operations Manual - Phase 2, Jackson, MS   <b>Coordinator</b> . Camryn was responsible for creating a responsibility matrix based on the procedures outlined in the manual.		
07/18–08/18	MDOT, US 49 2018 BUILD Transportation Grant Application, Gulfport, MS   <b>Document Control</b> . Camryn was responsible for preparing the application and its website for submittal.		
04/18–08/18	ALDOT, Mobile RTMC Training, Mobile, AL   <b>Coordinator</b> . Camryn was responsible for creating elements of the training program, as well as the follow-up report.		
09/17–08/18	ALDOT, TMC Operations (RMTC Year 2), Birmingham, AL   <b>Project Coordinator</b> . Camryn was responsible for RMTC-related materials, including monthly reports and a flyer for stakeholders.		
08/18–03/19	ALDOT, TMC Operations (RMTC Year 3-Partial), Birmingham, AL   <b>Project Coordinator</b> . Camryn was responsible for RMTC-related materials, including monthly reports and a flyer for stakeholders.		
03/19–07/19	ALDOT, TMC Operations (RMTC Year 3), Birmingham, AL   <b>Project Coordinator</b> . Camryn was responsible for RMTC-related materials, including monthly reports and a flyer for stakeholders.		
06/24–07/24	TDOT – Grant Application Assistance Services, Davidson County, TN   <b>Grant Writer</b> . Gresham Smith shall provide the necessary studies and technical support required for the development of one (1) Consolidated Rail Infrastructure and Safety Improvements (CRISI) application for transportation infrastructure improvements in Tennessee as determined by the Tennessee		
12/24–02/25	Copiah County, FY 2025 RAISE Grant Application, Copiah, MS   <b>Grant Writer</b> . Grant writing services to prepare the necessary application for project funding assistance for transportation infrastructure improvements along the Jack Road corridor in Copiah County, MS		

## 16. Staff Experience:

Gresham Smith

**Sandy Layne-Sclafani, P.E.**

Planning / Environmental

Years of experience with this firm/employer

16

Years of experience with other firm(s)/employer(s)

21

Degree(s) / Years / Specialization

Bachelor of Science / 1988 / Civil Engineering, Tennessee Technological University  
Master of Science / 1996 / Industrial Engineering, The University of TennesseeActive registration number /  
state / expiration date

PE.100962 / TN / 07/31/2025

Year registered

1997

Discipline

P.E./Civil

Contract role(s) / brief description of responsibilities

NEPA Specialist / Sandy will support the environmental/NEPA planning tasks for 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).

Career

Sandy brings over 30 years of environmental and civil engineering experience, including project, program and department management. Her work involves transportation-related NEPA documents; transportation planning reports; environmental permitting (NPDES, ARAP, UIC, USACE 404); stormwater management and design; and environmental site assessments.

06/10 – Ongoing

**Tennessee Department of Transportation, NEPA Environmental Documentation Contract, Statewide, TN | Contract Manager/Project Manager.** Sandy is currently working with TDOT Environmental Division on the fifth two-year NEPA Document preparation task-order contract. This first beginning in June of 2010. Under these five contracts, Sandy has managed over 80 work orders consisting of Environmental Assessments, D-List CEs, PCEs/C-List CEs, Minor TEER Documents, document reviews, technical assistance tasks and NEPA Document Re-Evaluations. These TDOT projects have consisted of new roadways, roadway widening, bridge replacements, bridge maintenance, and interchange redesign.


02/10 – 02/19

**City of Jackson, Southern Extension of US 45 Bypass Environmental Assessment (EA), Finding of No Significant Impact, and Reevaluation, Jackson, Madison County, TN | Project Engineer.** Sandy was responsible for preparing the EA that included the analysis of the selected alternative considering many issues – present and future traffic patterns, impacts to the natural and built environments, sensitive cultural sites, and the needs of citizens and businesses in Jackson, Madison County and the surrounding area. This project includes approximately nine miles of new and existing alignment through residential, commercial, industrial and rural areas, and will tie to existing US 45 at Seavers Road on the south end of the project and to the existing US 45 Bypass at Airways Boulevard on the north end of the project. The project included the replacement of two bridges and the construction of 15 new bridges throughout the wetland area and at the new interchange.

08/18 – 02/19

**Campbell County Highway Department, Programmatic Categorical Exclusions (PCE) for Replacement of two Bridges (Log Miles 5.00 and 5.27) over Davis Creek on Davis Creek Road, Campbell County, TN | Project Manager.** Sandy led the efforts for developing the two Programmatic Categorical Exclusions (PCE) to replace the Davis Creek Road bridges over Davis Creek in Campbell County. The project was needed to address safety concerns due to lack of signing, approach rails and bridge rails and an overall low bridge sufficiency rating. Environmental commitments were developed in the NEPA document due to the creek being habitat for the Backside Dace.

## 16. Staff Experience:

ELOS Environmental, LLC				
 <div><b>Lucas Watkins</b> Principal / Environmental Scientist</div>	Years of experience with this employer			18
	Years of experience with other employer(s)			4
Degree(s) / Years / Specialization		Master of Science / 2005 / Biological Services; Bachelor of Science / 2000 / Forest Management		
Active registration number / state / expiration date		National Highway Institute: NEPA & Transportation Decision-Making Process		
Year registered		N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			Principal, Project Oversight, NEPA Clearance, Agency Coordination, Stakeholder Outreach, and Public Meetings	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/20–Ongoing	LADOTD Rural Bridges, Phases I & II; Statewide, LA; Statewide. LA: ELOS has been contracted to provide environmental services for the LADOTD Rural Bridge Replacement Initiative projects in six districts across the state. Lucas ensures that all phases of the project adhere to federal and state environmental regulations. He facilitates effective communication among DOTD officials, environmental organizations, and other stakeholders to address concerns and maintain transparency throughout the project.			
09/22–Ongoing	DOTD IJA Off-System Bridges District 62: This off-system bridge project involves the replacement of six bridges; ELOS is performing wetland delineations, completing permit applications, completing solicitation of views to document categorical exclusions for the work proposed, completing cultural resources research, tribal packets, and reports, and write navigability determination reports. Lucas has reviewed the findings reports prior to client submission.			
10/23–Ongoing	EBR Off System Bridge Program; East Baton Rouge Parish, LA: ELOS is contracted to prepare and submit permit applications to the U.S. Army Corps of Engineers (USACE) to include completing permit application packet, documenting the rationale for the project, providing the summary of project and detailed verbal description of the project location. ELOS is also responsible for generating one site plan for each project and coordinating with USACE for a permit under Section 10/404 of the Clean Water Act. Lucas the permit application throughout the entire process to ensure success of the permit process.			
08/22–08/24	LADOTD Rousseau Bridge Replacement; St. Tammany Parish, LA: ELOS was contracted to provide professional environmental for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Lucas directed the comprehensive assessment of potential environmental impacts related to transportation infrastructure projects. He ensured the accuracy, completeness, and integrity of environmental reports and documentation submitted to regulatory agencies for review and approval.			
02/22–Ongoing	STP Lock No. 3 Replacement; St. Tammany Parish, LA: ELOS has been contracted to perform wetland delineation, submit joint permit applications, perform a State Historic Preservation Office (SHPO) Section 106 desktop review and Consultation, and perform a U.S. Fish and Wildlife (USFWS) Endangered Species Act (ESA) Biological assessment for			


	the St. Tammany Parish Lock No. 3 Bridge Replacement project. Lucas ensures that all phases of each step of the project complies with all state and federal regulations.
03/24–Ongoing	<b>Brownswitch Road Bridge Replacement; St. Tammany Parish, LA:</b> ELOS was contracted to collect data and prepare a report to support a Wetland Delineation and manage the permit process with the USACE. ELOS will facilitate compliance with Section 106 of the National Historic Preservation Act (NHPA) of 1966 by completing a Section 106 Desktop Review. ELOS will conduct a biological survey to determine potential effects on species protected under the Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA), Bald and Golden Eagle Protection Act (BGEPA) and all other applicable law and regulations. Lucas has overseen every step of the process ensuring compliance with all regulations and transparency between all stakeholders in the project.
04/22–Ongoing	<b>Yellow Water Road Bridge Replacement; Tangipahoa Parish, LA:</b> ELOS has been contracted to prepare a Early Section 106 Tribal coordination packet and submit it to the DOTD Project Manager (ELOS will not directly communicate with the tribal governments). ELOS will conduct biological assessment and a review of previous Historic Reviews. Lucas will review the finding of all reviews and the permit packet prior to submission.
12/22–Ongoing	<b>Wildwood Dr. Bridge; Livingston Parish, LA:</b> ELOS was contracted to perform a Wetlands Delineation Assessment, a Biological Assessment, and a Cultural Resource Survey. Mr. Watkins directed the assessments and ensured the accuracy of the Cultural Resource Survey. He supervised the submission of all pertinent documentation to the appropriate agencies.
11/17–Ongoing	<b>Move Ascension, Phases I, II, &amp; III; Ascension Parish, LA:</b> ELOS is contracted to plan projects, perform wetland delineations, conduct cultural resource surveys, and submit permit applications for 60 roadway projects, varying from roundabouts to constructing new lanes and connecting roadways, located throughout Ascension Parish. Lucas has reviewed delineation details, edited cultural resource reports, developed and analyzed alternatives, reviewed scheduled, assisted with wetland mitigation, and reviewed permit applications.
08/22–Ongoing	<b>H.014362 Lake Road; St. Tammany Parish, LA:</b> ELOS was contracted to complete the solicitation of views and categorical exclusion notices, conduct a wetland delineation, and submit a joint permit application, scenic rivers permit application, and USCG bridge permit application for the project. Lucas reviewed the categorical exclusion packet and assisted with agency coordination and requests for more information.
02/23–Ongoing	<b>DOTD Roundabout at Minnesota Park and Range Road; Tangipahoa Parish, LA:</b> ELOS is contracted to complete a wetland delineation report, submit a permit application, as well as assist with a CATEX, Phase I ESA, and the solicitation of views (SOVs) for the roundabout project at the intersection of Minnesota Park and Range Road. Lucas monitors the project timelines, milestones, and budgets to ensure timely delivery of environmental assessments that align with project schedules. He also reviewed the SOVs and supporting documentation prior to initiating the process with agencies.
08/22–Ongoing	<b>MoveBR Mickens Road; East Baton Rouge Parish, LA:</b> ELOS is contracted to provide environmental services for a 2.8-mile-long roadway improvements project on Mickens Road from Hooper Road to Joor Road in East Baton Rouge. Services included a wetland delineation, a Phase I ESA, and a permit application to USACE. Lucas has reviewed the wetland delineation report, coordinated staff for the Phase I ESA tasks, reviewed final reports, and consulted with the Parish leadership.



## 16. Staff Experience:


ELOS Environmental, LLC					
	<b>Brian Fortson</b> Senior Project Manager / Biologist		Years of experience with this employer		13
			Years of experience with other employer(s)		23
Degree(s) / Years / Specialization JD / 2006 / Civil Law; Bachelor of Science / 1995 / Wetland Ecology					
Active registration number / state / expiration date		N/A			
Year registered		N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Project Management, NEPA Clearance, Feasibility Analysis, and Agency Coordination		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
09/20–Ongoing	LADOTD Rural Bridges Phases I & II; Statewide, LA: ELOS has been contracted to provide professional environmental consulting services for the Department of Transportation and Development (LADOTD) Rural Bridge Replacement Initiative for two project phases. Phase I involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase 2 is ongoing and involves bridge replacements under 9 state project numbers and supplemental task orders, impacting multiple structures in Districts 05, 08, 58. Almost all the projects have included a wetland delineation, permit applications, cultural resource survey, and a T&E survey. Brian has reviewed wetland delineation reports and categorical exclusion documentation, discussed findings and reviewed data for final reports, and met with staff internally to develop threatened and endangered species surveys.				
09/22–Ongoing	DOTD IJA Off-System Bridges District 62: This off-system bridge project involves the replacement of six bridges; ELOS is performing wetland delineations, completing permit applications, completing solicitation of views to document categorical exclusions for the work proposed, completing cultural resources research, tribal packets, and reports, and write navigability determination reports. Brian has reviewed the findings reports prior to client submission.				
10/22–09/23	LADOTD Rousseau Bridge Replacement; St. Tammany Parish, LA: ELOS was contracted to provide environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included a wetland delineation, Scenic Rivers permit application, emergency authorization application to USACE, SOVs, and a final report. Brian assisted with the report drafts and permit applications.				
05/21–05/22	STP Chris Kennedy RD Bridge Replacement; St. Tammany Parish, LA: ELOS was contracted to provide professional environmental engineering services to collect data to further prepare reports for wetland delineation, biological assessment and cultural impact in accordance with the removal and replacement plans. Brian coordinated with internal teams to review reports, correlative maps, and environmental data to complete the approved contract.				
03/22–12/23	STP Lock No. 2 Bridge Replacement; St. Tammany Parish, LA: Brian assisted with internal teams to provide Cultural resource services for the Lock No. 2 Bridge replacement located on approximately 4.83-acres in St. Tammany Parish. ELOS was contracted to provide Section 106 of NHPA, Terrestrial Phase I Culture Resource Survey and Cultural Resource Assessment No Findings report.				

## 16. Staff Experience:

ELOS Environmental, LLC						
	<b>Basile Dardar</b> Environmental Specialist /Project Manager			Years of experience with this employer		8
				Years of experience with other employer(s)		2
Degree(s) / Years / Specialization			Bachelor of Science / 2014 / Biology			
Active registration number / state / expiration date		N/A				
Year registered		N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities			Wetland Studies, Environmental Data Collection & Surveys, Endangered Species Survey including tri-colored bat, Environmental Permits, Impacts Evaluation, NEPA Clearance, and Stage 0 Checklists			
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).					
08/23–Ongoing	<b>EBR Off System Bridge Program; East Baton Rouge Parish, LA:</b> Basile has coordinated with the field team to conduct wetland delineations, complete wetland findings reports, work with the USACE for jurisdictional determinations of wetlands, and assist with USACE permit applications and supporting documentation for 13 bridge replacements.					
09/22–Ongoing	<b>DOTD IJJA Off-System Bridges District 62:</b> ELOS is contracted to provide comprehensive services to replace bridges throughout various parishes located in Southeast Louisiana in several phases until completion. Basile has coordinated with field teams to assess cultural and environmental impacts. Through ongoing efforts, Mr. Dardar has maintained the required data and documentation and reviewed deliverables and reports applicable to SOVs, wetland delineations, and categorical exclusion of the construction activities. He has assisted with preparing applicable permits, maps, forms, and supplemental documentation.					
04/22–Ongoing	<b>Tangi Off-System Bridge Prioritization; Tangipahoa Parish, LA:</b> ELOS is contracted to provide environmental services including wetland delineations, Solicitation of Views (SOVs), Categorical Exclusion (CE) documents, and permit applications and drawings for six bridges to be replaced in District 62. Basile has conducted wetland delineations, prepared and submitted permit applications, and led the team in completing the SOVs and CE documentation.					
06/22–09/23	<b>LADOTD Rousseau Bridge Replacement; St. Tammany Parish, LA:</b> ELOS was contracted to provide environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included a wetland delineation, Scenic Rivers permit application, emergency authorization application to USACE, SOVs, and a final report. Basile has conducted a wetland delineation, submitted reports to USACE, coordinated with the field team regarding SOVs and information needed, and reviewed permit drawings.					
11/21–Ongoing	<b>LADOTD Rural Bridges Phases I &amp; II; Statewide, LA:</b> ELOS has been contracted to provide professional environmental consulting services for replacing bridges in rural areas for two project phases. Phase I involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase 2 is ongoing and involves bridge replacements under 9 state project numbers and supplemental task orders, impacting multiple structures in Districts 05, 08, and 58. Almost all the projects have included a wetland delineation, permit					


	applications, a cultural resource survey, and a threatened and endangered species survey. Basile has coordinated field crews, performed wetland delineations, collected and inputted data, written and produced reports, developed timelines, coordinated with LADOTD, worked on permit applications with state and federal agencies, and assisted with the surveys.
11/21–Ongoing	<b>Move Ascension - Phases II &amp; III; Ascension Parish, LA:</b> ELOS has been contracted to plan projects, perform wetland delineations, conduct cultural resource surveys, and submit permit applications for 60 roadway projects, varying from roundabouts to constructing new lanes and connecting roadways, located throughout Ascension Parish. Basile has worked on the wetland findings report for the USACE jurisdictional determination of wetlands, reviewed delineation photographs and maps, and reviewed corresponding figures and data for the permit applications.
01/22–09/22	<b>Judge Dufresne Parkway Extension; St. Charles Parish, LA:</b> ELOS was contracted to conduct a Wetland Delineation, submit Permit Applications, perform a Phase I ESA, and provide a Section 106 Desktop Review for a 161.5-acre tract of land referred to as Judge Dufresne Parkway Extension located in St. Charles Parish, Louisiana. Basile performed the wetland delineation, completed the Phase I ESA and its report, and assisted with the USACE permit application and follow-up.
06/24–Ongoing	<b>US 190 Roundabouts (H.014375); St. Tammany Parish, LA:</b> ELOS has been contracted to perform a wetland delineation, prepare and submit joint permit applications, complete Section 106 reviews, and conduct threatened and endangered species surveys for a 28-acre area for the installation of roundabouts on US 190. Basile has assisted with writing and reviewing the threatened and endangered species report.
02/23–Ongoing	<b>LADOTD Minnesota Park / Range Road Roundabout; Tangipahoa Parish, LA:</b> ELOS is contracted to complete a wetland delineation report to obtain a jurisdictional determination from the U.S. Army Corps of Engineers (USACE), submit a permit application, if necessary, as well as assist with a Categorical Exclusion (CATEX), Phase I Environmental Site Assessment (ESA), and the Solicitation of Views (SOVs) for a roundabout project (H.014340) covering 2.5 acres in Tangipahoa Parish. Basile has worked on the SOVs, reviewed the CATEX sections and documentation, written permit applications, and coordinated with LADOTD.

## 16. Staff Experience:

ELOS Environmental, LLC				
 <b>Cory Ricks</b> Environmental Specialist	Years of experience with this employer			8
	Years of experience with other employer(s)			1
Degree(s) / Years / Specialization Bachelor of Science / 2015 / Biology				
Active registration number / state / expiration date		N/A		
Year registered		N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			Environmental Data Collection & Surveys, Impacts Evaluation, NEPA Clearance, and Stage 0 Checklists	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/20–Ongoing	<b>LADOTD Rural Bridges Phases I &amp; II; Statewide, LA:</b> ELOS has been contracted to provide professional environmental consulting services for the Department of Transportation and Development (LADOTD) Rural Bridge Replacement Initiative for two project phases. Phase 1 involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase 2 is ongoing and involves bridge replacements under 9 state project numbers and supplemental task orders, impacting multiple structures in Districts 05, 08, 58. Almost all the projects have included a wetland delineation, permit applications, cultural resource survey, and a threatened and endangered species survey. Cory has coordinated field crews, performed wetland delineations, written and produced reports, developed timelines, coordinated with LADOTD, and assisted with the surveys.			
06/22–09/23	<b>LADOTD Rousseau Bridge Replacement; St. Tammany Parish, LA:</b> ELOS was contracted to provide environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included a wetland delineation, Scenic Rivers permit application, emergency authorization application to USACE, SOVs, and a final report. Cory worked on the emergency authorization application since the bridge was the only way to access a neighborhood, assisted with the Scenic Rivers permit application, and provided project updates to St. Tammany Parish.			
04/22–02/24	<b>Tangi Off-System Bridge Prioritization; Tangipahoa Parish, LA:</b> ELOS is contracted to provide environmental services including wetland delineations, Solicitation of Views (SOVs), Categorical Exclusion (CE) documents, and permit applications and drawings for six bridges to be replaced in District 62. Cory conducted a gopher turtle survey, wrote the findings report, completed permit applications with supporting documentation, and assisted with agency coordination.			
11/17–Ongoing	<b>Move Ascension - Phases I, II, &amp; III; Ascension Parish, LA:</b> ELOS has been contracted to plan projects, perform wetland delineations, conduct cultural resource surveys, and submit permit applications for 60 roadway projects, varying from roundabouts to constructing new lanes and connecting roadways, located throughout Ascension Parish. Cory leads a team of field members to perform the wetland delineations. He has also assisted with cultural resources field investigations and with permit applications to state and federal agencies (USACE, LEDNR, DOTD).			

05/21–05/21	<b>Tammany Trace Bridge Replacement; St. Tammany Parish, LA:</b> Cory performed the wetland delineation, entered the wetforms, revised transmittals, reviewed the photographs/logs, coordinated with the GIS team to update maps, and submitted the wetland findings report.
05/22–03/24	<b>North Brickyard Road Bridge Replacement Program; Tangipahoa Parish, LA:</b> Cory initiated the Solicitation of Views (SPVs), Categorical Exclusion (CE) documents, and reviewed all supporting documentation as it was sent and received from the agencies. He also assisted with permit applications and agency coordination when asked for additional information.
02/23–Ongoing	<b>LADOTD Minnesota Park / Range Road Roundabout; Tangipahoa Parish, LA:</b> ELOS is contracted to complete a wetland delineation report to obtain a jurisdictional determination from the U.S. Army Corps of Engineers (USACE), submit a permit application, if necessary, as well as assist with a Categorical Exclusion (CATEX), Phase I Environmental Site Assessment (ESA), and the Solicitation of Views (SOVs) for a roundabout project (H.014340) covering 2.5 acres in Tangipahoa Parish. Cory has researched additional information for reports, worked on files related to the CATEX, and assisted with reviewing agency requests for more information.
07/21–08/22	<b>LA Trace Road Widening; Ascension Parish, LA:</b> ELOS was contracted to complete a wetland delineation report and prepare and submit road widening and culvert replacement joint application permits to the USACE and LDENR. Cory worked with the team on the wetland delineation and reviewed the final figures and reports, prepared the joint application permits, met with the landowner for right-of-way, provided follow-up information and permit revisions to USACE and LDENR, and reviewed project invoicing.
09/16–06/20	<b>LA 3234 Extension to Hammond Airport Environmental Assessment; Tangipahoa Parish, LA:</b> ELOS was contracted to provide environmental services for the LA-3234 Extension from LA-1065 to Hammond Airport. These services included preparing estimates of environmental mitigation costs so that ELOS will estimate the cost of mitigation of any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. Cory performed the wetland delineation for all three routes and provided a report of the findings. Cory also assisted in GIS mapping of the Wetlands Findings Report, Phase I Environmental Site Assessment, and the Biological Assessment Survey. Cory also provided a report of the threatened and endangered species known in the project area. Cory led efforts on providing stream and waterbody data for each report.
08/17–11/19	<b>I-10 Highland to LA 73 Design Build; East Baton Rouge Parish to Ascension Parish, LA:</b> ELOS was contracted to act as the environmental compliance manager responsible for permitting and construction monitoring for the fast-track interstate widening project from Highland Road in Baton Rouge to LA 73 in Prairieville (H.009250). The project included widening an approximately 6-mile segment of I-10 and expanding two bridges/overpasses. Cory worked on documentation for the CATEX, wrote and revised several permits to state and federal agencies, and coordinated field crews for completing stormwater inspections and monitoring construction activities for environmental impacts and compliance.

## 16. Staff Experience:

ELOS Environmental, LLC			
 <b>Christopher Wilson, RPA</b> Archaeologist	Years of experience with this employer		8
	Years of experience with other employer(s)		1
Degree(s) / Years / Specialization		Master of Arts / 2023 / Art History and Curatorial Studies; MA / 2022 / Archaeology; Bachelor of Arts / 2021 / Art and Archaeology	
Active registration number / state / expiration date		Archaeologist 5660 / LA	
Year registered		N/A	<b>Discipline</b> Archaeology
Contract role(s) / brief description of responsibilities		Section 106 Desktop Reviews, Terrestrial and Maritime Archaeology, Phase I, II, and III Cultural Resource Surveys, Evaluations, and Recoveries, Construction Monitoring	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
08/23–11/24	<b>DOTD Rural Bridge Replacement Phases I &amp; II; Statewide, LA:</b> Christopher was responsible for providing CRM (Cultural Resource Management) services for a DOTD rural bridge replacement project. His duties included conducting research, preparing a Phase I report, and managing STP (Shovel Test Pit) data. He coordinated with agencies such as SHPO (State Historic Preservation Office), NRHP (National Register of Historic Places), and DOTD. Additional tasks include preparing transmittal letters, completing LHRI (Louisiana Historic Resource Inventory) forms, managing the Survey123 platform, overseeing field crew activities, and preparing and submitting the final report. Christopher ensured all documentation and processes meet regulatory requirements for cultural resource assessments.		
12/23–09/24	<b>DOTD IJA Off-System Bridges District 62:</b> Christopher was responsible for providing comprehensive CRM services for the DOTD Off-System Bridges District 62 project. His tasks included conducting background research, preparing desktop reports, and overseeing field crew activities. He utilized topographical maps and aerial investigations to gather critical data. Christopher also created and submitted tribal packet research, along with collecting CRM information necessary for Categorical Exclusion (CATEX) evaluations. Additionally, he coordinated with agencies such as LHRI, DOTD, and SHPO to ensure compliance with regulations. Christopher prepared a Section 106 desktop report, assessing potential impacts on historic properties and ensuring the project aligns with cultural resource preservation requirements.		
10/24–Ongoing	<b>Brownswitch Road Bridge Replacement; St. Tammany Parish, LA:</b> For the St. Tammany bridge replacement project, Mr. Wilson provides CRM services, focusing on Section 106 compliance. His responsibilities include conducting a CRM Section 106 desktop review to assess the potential impacts of the bridge replacement on cultural resources. This involves reviewing SHPO databases for historic properties, conducting a cemetery review to identify any burial sites in the area, and assisting with the preparation of maps and aerial images to support the cultural resource assessment. He also compiles and creates a detailed Section 106 desktop review report, summarizing findings and ensuring compliance with historic preservation requirements, while addressing potential impacts to cultural resources in the project area.		

11/23–11/23	<b>Tangi Off-System Bridge Prioritization; Tangipahoa Parish, LA:</b> For the DOTD Off-System Bridge Prioritization Project, Christopher provided a review of the project site to assess the potential effects of bridge replacements on cultural resources. He verified no cultural resources were needed, allowing the project to move forward in accordance with regulatory requirements.
11/23–11/23	<b>N. Brickyard Road Bridge Replacement; Tangipahoa Parish, LA:</b> Christopher reviewed the project site to assess with the potential effects of the bridge replacement on cultural resources. He verified no cultural resources were needed, allowing the project to move forward in accordance with regulatory requirements.
07/24–08/24	<b>US 190 Roundabouts; St. Tammany Parish, LA:</b> Christopher was responsible for CRM services for the construction of three roundabouts along Highway 190 in St. Tammany in support of Section 106 compliance. His responsibilities included SHPO files to include all previously recorded cultural resource surveys, archaeological sites, and historic structures within a 1-mile radius. He also compiles reviews and reports to summarize findings and addresses any potential impacts on cultural resources, including cemetery reviews.
10/24–10/24	<b>Old Mill Settlement Road; Livingston Parish, LA:</b> Christopher was responsible for performing a Section 106 desktop review in support of Livingston Parish Government for their proposed road project. His responsibilities included but were not limited to working with all applicable state agencies and adhering to the regulations of 36 CFR Part 800. He verified that the site had experienced some disturbances due to road construction and that there was a high probability of possible Cultural resources due to the proximity of the Amite River and the previously recorded archaeological sites.
07/24–09/24	<b>Juban North Extension; Livingston Parish, LA:</b> Christopher provided a Section 190n desktop review for Livingston Parish Juban Road Extension. He researched and reviewed historical maps, aerial photographs, and the online database of archaeological and historic sites maintained by SHPO. He found that there had been 11 cultural resource investigations within 1-mile of the project area. He also reviewed historical topographical maps and aerials. Christopher found that because the site had not been heavily altered through construction previously a historic structure survey was recommended.
03/24–04/24	<b>5th Street Improvements (H.012885); Jefferson Parish, LA:</b> Christopher performed a Phase I Cultural Resource Survey of 0.5-mile radius of the projected improvement project. This included a pedestrian survey, taking systematic photos, recording addresses of all historic structures, and completing all Louisiana Historic Resource Inventory forms. The buildings were found to not be eligible but it was noted that they are in a district that is potentially eligible as a Postwar Commercial Strip. He developed a plan for any cultural material encountered would be labeled with provenance and temporarily curated by ELOS. In the end, he recommended the project proceed as planned after concluding no significant cultural resources would be impacted.
06/24–10/24	<b>Move Ascension, Phase III; Ascension Parish, LA:</b> Christopher was responsible for conducting a Section 106 Desktop Review of the Roddy Road area as part of the third phase of Move Ascension project. This review included identifying potential historic structures by using SHPO databases and files. He also reviewed historic aerial images for structures in the area. He was able to identify from the multiple sources that there were historical structures. He compiled his findings and met with GIS to report them.
10/23–02/24	<b>Tangipahoa USDOT BIP Services 2023; Tangipahoa Parish, LA:</b> Christopher performed a Cultural Resource Review of previous investigations. These investigations included surveys, cemeteries, and listings of historic structures. He coordinated with the project manager and SHPO while conducting and documenting the review.



## 16. Staff Experience:

ELOS Environmental, LLC				
 <b>Mike Hill</b> Environmental Scientist	Years of experience with this employer			2
	Years of experience with other employer(s)			2
Degree(s) / Years / Specialization		Bachelor of Science / 2019 / Environmental Science		
Active registration number / state / expiration date		DOTD FFA certified UAV (Drone) pilot. Certification No: 4566332		
Year registered		N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			Wetland Studies, Environmental Data Collection & Surveys, Environmental Permits, Impacts Evaluation, NEPA Clearance, and Stage 0 Checklists	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/22–Ongoing	<b>LADOTD Rousseau Bridge Replacement; St. Tammany Parish, LA:</b> ELOS was contracted to provide environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included a wetland delineation, Scenic Rivers permit application, emergency authorization application to USACE, SOVs, and a final report. Mike prepared the solicitation of views packet and worked on the permit application.			
04/22–Ongoing	<b>Tangi Off-System Bridge Prioritization; Tangipahoa Parish, LA:</b> ELOS is contracted to provide environmental services including wetland delineations, Solicitation of Views (SOVs), Categorical Exclusion (CE) documents, and permit applications and drawings for six bridges to be replaced in District 62. Mike coordinated with USACE and prepared the solicitation of views packet.			
11/21–Ongoing	<b>LADOTD Rural Bridges Phases I &amp; II; Statewide, LA:</b> ELOS has been contracted to provide professional environmental consulting services for replacing bridges in rural areas for two project phases. Phase I involved bridge replacements under 16 state project numbers and supplemental task orders, impacting 33 structures in Districts 03, 07, 61, and 62. Phase 2 is ongoing and involves bridge replacements under 9 state project numbers and supplemental task orders, impacting multiple structures in Districts 05, 08, and 58. Mike has coordinated field crews to gather data from field including plot photos and worked on the permit submittal.			
04/22–Ongoing	<b>N. Brickyard Rd. Bridge Replacement; Tangipahoa Parish, LA:</b> ELOS has been contracted to provide professional environmental consulting services for the replacement of North Brickyard Road Bridge. The project includes a categorical exclusion written in accordance with Federal Highway Administration (FHWA) guidance. Mike performed the delineation in the field and also prepared the solicitation of views packets for the permit application.			
04/22–08/23	<b>Lod Stafford Rd Bridge Replacement; Livingston Parish, LA:</b> ELOS has been contracted to provide professional environmental services that include aiding the client in the submittal of the FEMA 8-Step Process, Solicitation of Views (SOV) process, perform a wetland delineation, and submit a permit application to the United States Army Corps of Engineers (USACE) for a 0.25- acre tract of land to authorize the proposed activities for the Lod Stafford Road Bridge replacement project located in Livingston Parish, LA. Mike performed the delineation and input data into the ArcGIS system to complete the wetland report.			



## 17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Road
LADOTD, LA 3089 @ LA 70 Stage 0 Study			Firm responsibility (prime or sub?)	Prime
Project number	H.010074.1	Owner's name	Louisiana Department of Transportation and Development	
Project location	Donaldsonville, Louisiana	Owner's Project Manager		Hong Zhang, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1205 / hong.zhang@la.gov			
Services commenced by this firm (mm/yy)		07/23	Total consultant contract cost (\$1,000's)	\$201
Services completed by this firm (mm/yy)		05/24	Cost of consultant services provided by this firm (\$1,000's)	\$194

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

Gresham Smith was selected for LADOTD's Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.

LA 70 at LA 3089 currently operates as an all-way stop controlled intersection with a railroad crossing LA 70 approximately 140' south of the intersection. The eastbound vehicles on LA 3089 and the northbound vehicles on LA 70 must stop two times to travel through this intersection. The proximity of the railroad crossing to the all-way stop intersection causes concern due to the vehicles stopped on the railroad tracks and the high number of trains that pass this crossing.

This project began with a project kick off meeting to discuss scope and schedule. The Gresham Smith team immediately began work on project research and data, which included a site visit. Our sub-consultant, ELOS Environmental, completed the environmental checklist for this project. Our team developed several conceptual designs before narrowing them down to three alternatives to move forward with. These alternatives included a signalized T-Intersection, a Roundabout, and roadway reconfiguration which reduced conflict points by providing indirect left turns. Each of the alternatives included descriptions, typical sections, plan view geometry, and traffic analysis which were all documented in the Feasibility Report.

This project had a 12-month schedule with deliverables that included the Draft Report, Final Draft Report, and the Final Report. Project Manager Richard Savoie managed the schedule with Microsoft Project. Each of our deliverable milestones were submitted ahead of schedule and the Final Report was submitted two months early in May 2024. Additionally, this was a billable rates contract with the total compensation not to exceed \$201,606. **Our team completed this project with an invoice total of under \$123k, saving DOTD nearly \$80,000.**



**Nature of firm's responsibility:** Prime

**Firm members involved include:** Bert Moore, Brennon Hughes, Richard Savoie, Brennon Hughes, Rebecca Murray, Kofi Ampofo-Twumasi, and Zillah Zoleta.

**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Discipline(s)*		Road
LADOTD, Lafourche Bayou Bridge Stage 0			Firm responsibility (prime or sub?)	Prime
Project number	H. 015616.1	Owner's name	Louisiana Department of Transportation and Development	
Project location	Raceland, Louisiana	Owner's Project Manager		Dilton Anderson, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1461 / dilton.anderson@la.gov			
Services commenced by this firm (mm/yy)		12/24	Total consultant contract cost (\$1,000's)	\$92
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$86

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

The existing facility consists of a lift bridge on Willow Street in Raceland, Louisiana, Lafourche Parish. Willow Street is bound by LA 308 on the north side and LA 1 on the south side. Only the LA 1 intersection is signal controlled. According to Lafourche Parish the bridge opened to navigational traffic a total of 3 times in calendar year 2024. The roadway, 0.05 miles in length, is classified as an Urban Collector. The roadway is posted at 35 mph within the project study limits.

The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.

**Nature of firm's responsibility:** Prime

**Firm members involved:** Brennon Hughes, Bert Moore, Richard Savoie, Rebecca Murray, John Weres, Courtney Rome, Jackson Hartley, Zillah Zoleta, and Javien Delasbour.



## 17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Traffic	
LA 37 (Sullivan to Liberty Road) Stage 0				Firm responsibility (prime or sub?)	Sub
Project number	H.002297.1	Owner's name	Louisiana Department of Transportation and Development		
Project location	Central, LA	Owner's Project Manager		Hong Zhang	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1421 / Hong.Zhang@la.gov				
Services commenced by this firm (mm/yy)		08/18	Total consultant contract cost (\$1,000's)		\$207
Services completed by this firm (mm/yy)		12/21	Cost of consultant services provided by this firm (\$1,000's)		\$137

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

Gresham Smith was selected as part of a team to perform the traffic study portion of the LA 37 study in Central, Louisiana. The goal of this traffic study was to collect data along the corridor, determine growth rates for traffic volumes, perform safety and capacity analysis of existing and future traffic volumes and develop alternatives for improved capacity and safety along the corridor.

The corridor in question is over 8 miles in length with varying roadway sections and widths. The majority of the corridor is a two lane asphalt roadway that carries over 16,000 ADT with no shoulders and an open ditch. During the peak hours a portion of LA 37 within the study area operates near capacity with commuters traveling the route from Livingston Parish to Baton Rouge. The corridor contains four signalized intersections and a number of driveways and local street intersections that are stop controlled on the minor approaches. In addition, there are four intersections with other state routes.

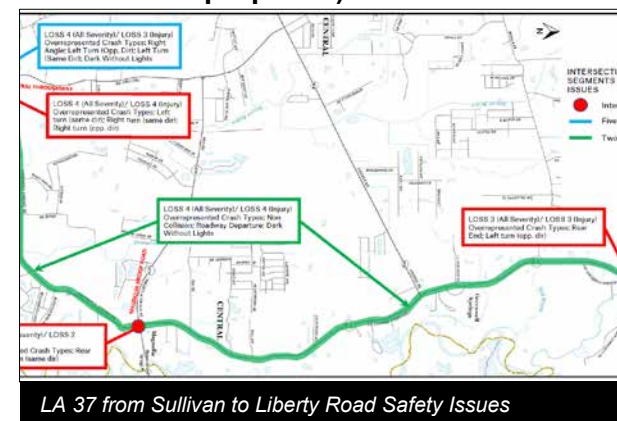
Gresham Smith performed the analysis for Existing, Future No Build and Future Build Alternatives.

Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety tool box. Traffic analysis was performed using mainly HCS and Synchro software and other software tools as needed. Some of the proposed alternatives included: widening the existing roadway to a multi-lane configuration, installation of a superstreet or j-turn configuration, roundabouts, traffic signals, the addition of paved shoulders or other geometric improvements.

Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), 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.

**Nature of firm's responsibility:** Subconsultant; responsible for the traffic study

**Firm members involved include:** Bert Moore, Brennon Hughes, Rebecca Murray, Richard Savoie, and Ronnie Robinson



## Project Highlights

- Data Collection
- Traffic Forecasting
- Capacity Analysis
- Safety Analysis
- Corridor Modeling
- Developing Alternatives



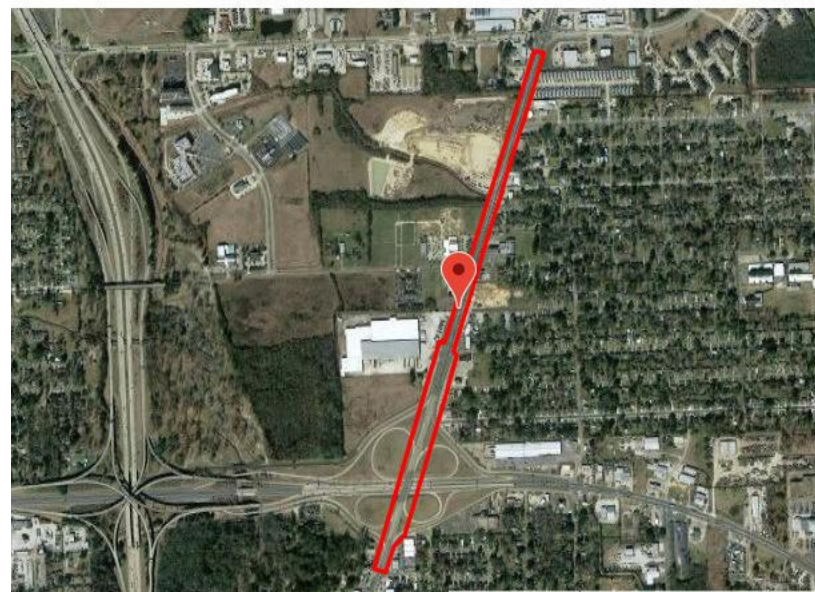
## 17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Traffic					
MovEBR – Plank Road Corridor Enhancement Study				Firm responsibility (prime or sub?)		Prime			
Project number		8-3316		Owner’s name		City of Baton Rouge and Parish of East Baton Rouge Department of Transportation			
Project location		Baton Rouge, LA			Owner’s Project Manager		Tom Stephens, P.E.		
Owner’s address, phone, email		222 Saint Louis Street, Baton Rouge, LA / 225.389.3186 / tstephens@brla.gov							
Services commenced by this firm (mm/yy)			01/21		Total consultant contract cost (\$1,000’s)			\$489	
Services completed by this firm (mm/yy)			01/24		Cost of consultant services provided by this firm (\$1,000’s)			\$489	

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

The purpose of this project is to improve the safety and mobility of both the vehicular and non-vehicular traffic through the Plank Road corridor from Dawson Drive to Harding Blvd. The traffic signal at 72nd Ave. will be upgraded to current technologies that can accommodate connected vehicle technology and transit priority operations. Street Lighting was also being designed to light the new pedestrian/bike facilities and the Roadway.

Within this project, the Plank Road corridor will be revitalized. A **design study** was performed to identify the design year traffic volumes to determine the appropriate lane configuration. In the Final Design, pedestrian and bicycle facilities were designed along the corridor to fit within the existing Right-Of-Way (ROW) and to connect to the adjacent pedestrian facilities and neighborhoods. Where possible, bus pullout will be provided to prevent buses stopping at bus stops from blocking travel lanes on Plank Road. The existing traffic signal at 72nd Ave. will be upgraded to current standards with additional SMART Corridor technologies, capable of remote communications, Automated Traffic Signal Performance Measures (ATSPMs), connected vehicle technology and transit priority for rapid transit operations. Crosswalks were designed for all the signalized intersections to ensure safe crossings for pedestrians. The major challenges that we faced with this project were the utilities adjacent to the roadway on both sides of the corridor, the numerous neighborhood streets that connect to Plank Road on the east side and maintaining the continuity of the corridor over the Plank Road and Airline Highway cloverleaf interchange.



**Nature of firm's responsibility:** Prime

**Firm members involved include:** Bert Moore, Alben Cooper, Brennon Hughes, Rebecca Murray, Richard Savoie, and Zillah Zoleta

**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Discipline(s)*		Road / Traffic	
LADOTD, Discretionary Grant Administration				Firm responsibility (prime or sub?)	Prime
Project number	H.0150886.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	Lake Charles, Louisiana		Owner's Project Manager	Connie Porter	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / Connie.porter@la.gov				
Services commenced by this firm (mm/yy)		08/22	Total consultant contract cost (\$1,000's)		\$304
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$277

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

Gresham Smith is responsible for assisting the Louisiana Department of Transportation and Development in administering discretionary grant funds, as historically, LADOTD has not aggressively pursued IIJA funds. Gresham Smith currently stations a Registered Professional Engineer within the DOTD headquarters on a full-time basis, allowing us intimate knowledge of the State's funding processes, and quick accessibility to help with coordination efforts.

As the consultant, Gresham Smith has streamlined the monitoring of spending and obligation of federal discretionary funds that are awarded to LADOTD and other entities. Coordination with FHWA Headquarters and other municipalities is required with this contract, along with drafting scopes for granted projects. Our team also assists with managing the Grant Agreement process with local agencies to ensure deadlines are being met.



Along with helping administer current grants, Gresham Smith is assisting in the writing of future grants to be submitted by the state. We recently submitted a Bridge Improvement Grant (BIP) under the IIJA <\$100M program and a CHBP grant for 14 bridges to be replaced under this program. As a strategic partner to LADOTD, Gresham Smith was consulted to identify more funding and streamline operations so now LADOTD is able to pursue more grant funding.

**Nature of firm's responsibility:** Prime Consultant; Overall responsibility for entire contract.

**Firm members involved include:** Richard Savoie, Bert Moore, and Brennon Hughes

### 17. Firm Experience:

ELOS Environmental, LLC		Past Performance Evaluation Category(ies)*		Environmental	
LADOTD, Stage 0 IDIQ				Firm responsibility (prime or sub?)	
Sub					
Project number	Multiple Project Numbers	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA	Owner's Project Manager		Richard Savoie	
Owner's address, phone, email	10000 Perkins Rowe, Ste 520, Baton Rouge, LA 70810; 225-960-5483; richard.savoie@greshamsmith.com				
Services commenced by this firm (mm/yy)		08/23	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$13.1

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

LADOTD contracted with Gresham Smith to provide multiple Stage 0 Checklists through an IDIQ contract for upcoming projects. To date, ELOS has been contracted by Gresham Smith to complete the Stage 0 Checklist for two environmental projects.

The first project was to add two lanes to the intersection of LA 3089 Service Road and LA 70 in Donaldsville, Louisiana (H.010074). The lanes are designed to improve traffic flow and safety. ELOS completed the Stage 0 Checklist providing demographic information, maps, site photologs, and researched outcomes for wetlands, threatened and endangered species, Native American tribes, scenic streams, community information, LDEQ/EPA database information, registered wells, and other environmental concerns.

The second project is to replace the Lafourche Bayou Bridge on Willow Street (formerly Old LA 182) in Raceland, Louisiana, thereby increasing safety and providing for vehicular and navigational traffic (H.015616.1). ELOS is completing the Stage 0 Checklist, which includes providing demographic information, maps, site photologs, and researched outcomes for wetlands, threatened and endangered species, Native American tribes, scenic streams, community information, LDEQ/EPA database information, registered wells, and other environmental concerns.

**Nature of firm's responsibility:** Subconsultant

**Firm members involved:** Lucas Watkins, Brian Fortson, Cory Ricks, Basile Dardar



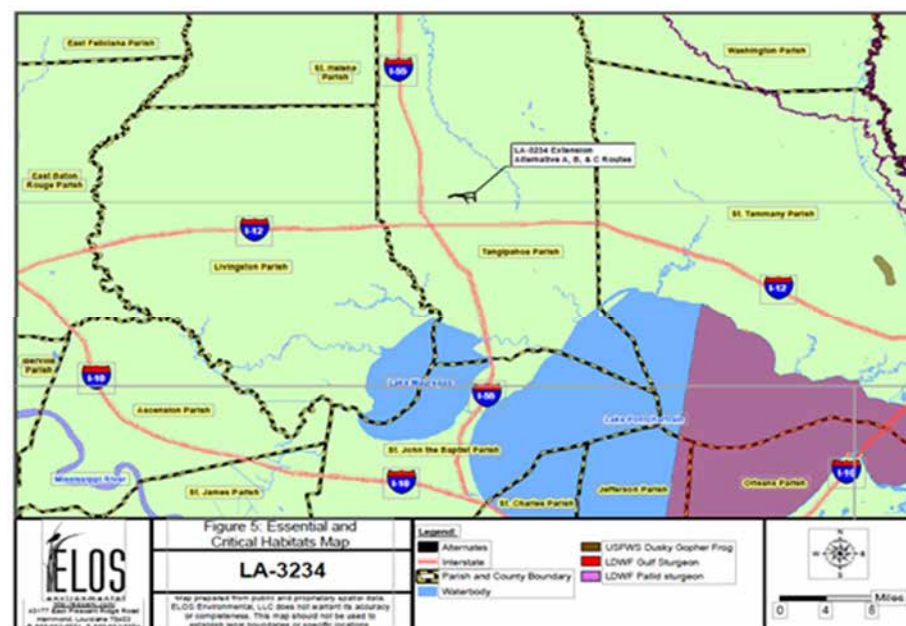


**17. Firm Experience:**

ELOS Environmental, LLC		Past Performance Evaluation Category(ies)*		Environmental		
LA-3234 Extension				Firm responsibility (prime or sub?)		Sub
Project number	H.008915	Owner's name	Regional Planning Commission			
Project location	Tangipahoa Parish, LA	Owner's Project Manager			Bruce J. Richards	
Owner's address, phone, email	2750 Lake Villa Drive, Metairie, LA 70002; 504-885-0500 ext. 108; brichards@n-yassociates.com					
Services commenced by this firm (mm/yy)		01/17	Total consultant contract cost (\$1,000's)			\$100
Services completed by this firm (mm/yy)		08/19	Cost of consultant services provided by this firm (\$1,000's)			\$100

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

ELOS was contracted to provide environmental services for LA-3234 Extension from LA-1065 to the Hammond Airport. These services included preparing estimates of environmental mitigation cost where ELOS estimated the cost of mitigation of any unavoidable environmental impacts, such as wetland mitigation, hazardous waste mitigation, or cultural resource mitigation. A wetland delineation was performed to establish an opinion on the presence and potential extent of jurisdictional "wetlands" and/or "other waters of the U.S." in accordance with the requirements of the U.S. Army Corps of Engineers. A Phase I Environmental Site Assessment was conducted based on the information contained in the feasibility study. The Phase I ESA has four components: Records Review, Site Reconnaissance, Interviews, and Reporting. During ELOS's field surveys, a Biological Survey was conducted for threatened and/or endangered species suspected to be in the project area. ELOS confirmed all federally and state listed species within the project area prior field surveys via desktop investigation.



**Nature of firm's responsibility:** Subconsultant

**Firm members involved include:** Cory Ricks, Lucas Watkins

**17. Firm Experience:**

ELOS Environmental, LLC		Past Performance Evaluation Category(ies)*		Environmental	
Tangipahoa Parish, Roadway Pavement Rehabilitation Work				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Tangipahoa Parish Government		
Project location	Tangipahoa Parish, LA	Owner's Project Manager		Kevin Greer	
Owner's address, phone, email	Mulberry Street, Amite City, LA 70422; 985-634-0706; kgreer@tangipahoa.org				
Services commenced by this firm (mm/yy)		01/23	Total consultant contract cost (\$1,000's)		\$21
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$21

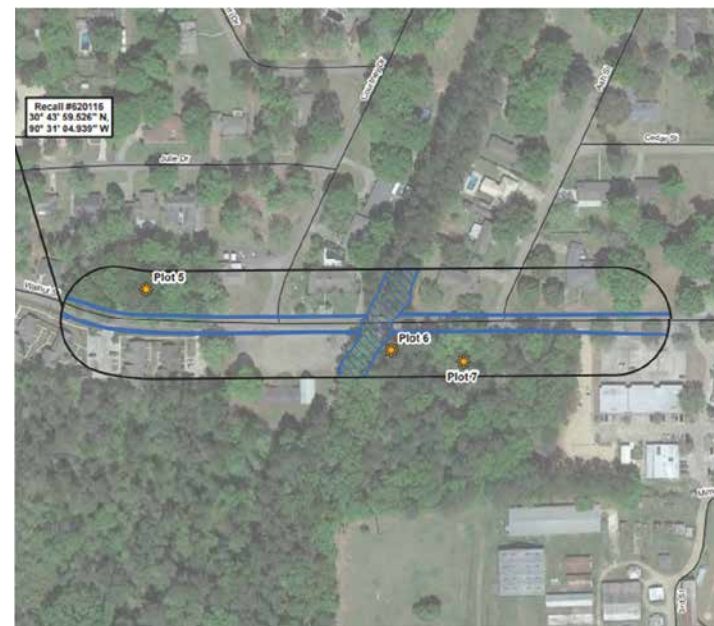
**Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)**

ELOS Environmental, LLC (ELOS) has been contracted by the Tangipahoa Parish Government to conduct Stage 0 Environmental Checklists for three separate roadway segments located in south Tangipahoa Parish, Louisiana. This project aims to thoroughly assess the potential impacts of the proposed projects on the human and natural environment. The Stage 0 Environmental Checklist process involves a comprehensive review of the projects, data collection, and evaluation of various environmental factors. ELOS professionals will gather data on infrastructure, land use, hydrological features, vegetation, wildlife, and other relevant factors for each roadway segment. Additionally, site visits to each roadway location will be conducted to obtain first-hand information and better understand the existing conditions.

The collected data will be meticulously analyzed to assess the potential environmental impacts of the proposed roadway projects. ELOS professionals will evaluate factors such as air and water quality, noise levels, biodiversity, and habitat disruption. By completing the Stage 0 Environmental Checklists, ELOS will document the findings, identify potential issues, and propose mitigation measures to minimize adverse effects. Compliance with environmental regulations and guidelines will be a key focus throughout the assessment process. The Stage 0 Environmental Checklists will serve as a basis for informed decision-making, ensuring that the Tangipahoa Parish Government is equipped with comprehensive information and recommendations regarding the potential impacts of the roadway projects on the human and natural environment.

**Nature of firm's responsibility:** Prime

**Firm members involved include:** Lucas Watkins, Michael Hill, Cory Ricks





## 18. Approach and Methodology:

### Background

The DOTD Project Delivery Process is outlined in the 2013 Project Delivery Manual. It consists of the following stages:

- Stage 0: Feasibility
- Stage 1: Planning and Environmental Process
- Stage 2: Funding
- Stage 3: Final Design
- Stage 4: Letting
- Stage 5: Construction
- Stage 6: Operation

The first step in any project is to identify the project. DOTD identifies projects by both reviewing data, such as crash history, traffic patterns, and pavement conditions, and also by gathering input from elected officials, MPOs, and the general public. Stage 0 Feasibility Studies are the first step in the delivery process, making a go / no-go decision on the project and determining if it should advance to the next stage of the delivery process.

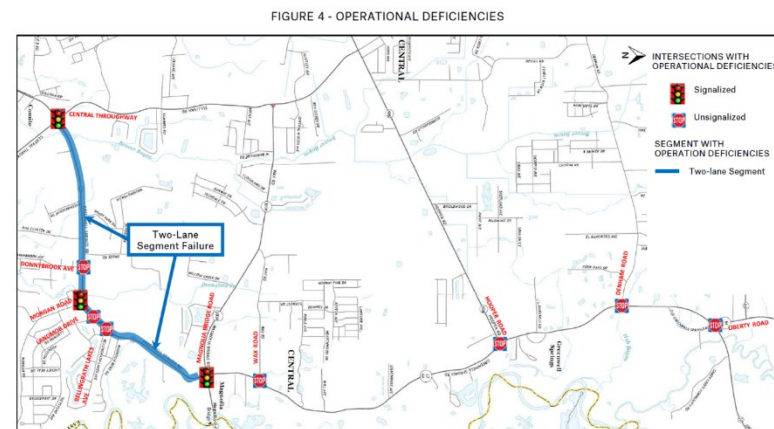
There are several different project types for which Stage 0 Studies are completed. These include Highway Priority Program Projects, Federal/State Earmark Projects, and Special Category Projects within the Urban Systems Program, Off System Bridge Program, Transportation Enhancement Program, Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Local Road Safety Program (LRSP), and Safe Routes to Public Places Program (SRTPPP).

The complexity of the Stage 0 study is directly proportionate to the complexity of the project. For instance, while working as the District Traffic Operations Engineer at District 61, Bert Moore and his staff completed short Stage 0 studies in order to program Transportation Systems Management (TSM) and low cost safety projects that could be constructed within the existing Right-Of-Way (ROW) with dedicated funds. More complex Stage 0 studies, such as the one Gresham Smith completed for LA 37 (Greenwell Springs Road) from Sullivan to Liberty Road, require significantly more data, analysis and documentation.

While the depth and detail of each Stage 0 Study varies by type of project, all projects go through the same general steps. They are as follows:

### Preliminary Purpose and Need

The first step is to determine a purpose and need statement. Why is the project needed? What is the problem that needs to be solved? Information must be gathered to help formulate this statement. For example, after collecting the traffic counts, performing the traffic and crash analysis for the existing conditions on the LA 37 Stage 0 project, our data showed that the southern section south of Magnolia Bridge Road was over capacity causing this section to experience congestion related crashes and delays while the northern portion north of Magnolia Bridge Road contained a significant number of run off the road crashes resulting in injuries. The purpose and need for this project would be to improve safety and capacity throughout the corridor. The purpose and need will be documented in detail in the feasibility study and the Stage 0 Preliminary Scope and Budget Checklist.



LADOTD – LA 37: Sullivan Road to Liberty Road Stage 0  
Feasibility Study

## **Project Alternatives**

The second step is to determine the project alternatives. An alternative is a potential solution to the problem identified in the step above. Several alternatives must be developed. The alternatives should provide a range of differing options which ultimately address the project's preliminary purpose and need. Each alternative developed should be analyzed and information should be provided including alignment information, potential Right-of-Way impacts, potential utility relocations, and estimated construction costs.

Some of the alternatives that were developed for our Farmerville State and Local Street Study, all conforming to LADOTD Design Standards, included widening of LA 2/15/33 (Main Street) in order to install a Two Way Left Turn Lane (TWLTL), converting LA 2/15/33 (Main Street) and the adjacent N Lafayette Street into a one-way couplet with LA 2/15/33 as the northbound portion and Lafayette Street as the southbound, the dedication of existing roadway segments as a by-pass around the congested center of town and the construction of new connections to allow traffic to reroute around congested intersections.

As another example, on our recently completed LA 70 at LA 3089 Stage 0 Study, we analyzed alternatives solutions to alleviate the safety and traffic issue at this stop controlled intersection. Some of the alternatives that were developed included a signalized T-Intersection, a Roundabout, and roadway reconfiguration which reduced conflict points by providing indirect left turns. All alternatives were studied from both a traffic and roadway geometric perspective.

After determining the best alternatives to move forward with, a conceptual design plan will be developed, in accordance with DOTD design standards, for each of the alternatives that have been identified. This conceptual design will facilitate the establishment of the anticipated ROW requirements and in conformance with the submitted LADOTD Design Report form for each of the alternatives.

## **Environmental Impacts**

The third step is to determine the potential environmental impacts. Each of the alternatives developed in the step above must be reviewed. In the Stage 0 process, the environmental impact review is "big picture." A more detailed environmental review including the no-build option will be completed in Stage 1. DOTD has a Stage 0 Environmental checklist which should be completed as a part of the Stage 0 environmental review. Additionally, there are approximately 20 websites listed on the checklist which should be used as a resource for researching potential environmental impacts. Ultimately, the goal of the Stage 0 environmental review is to determine if there are any known environmental impacts which will affect the feasibility of the project.

Smaller projects that would not require additional ROW typically have minimal environmental impacts while larger projects that do require additional ROW could require significant research. The ROW required for the alternative will be assessed to identify the project's potential impacts to wildlife, vegetation, wetlands or drainage, community elements such as churches, schools or cemeteries, archeological or historic sites, or environmental sites such as landfills, storage tanks or contaminated sites. These items must all be identified to help with the decision making process of the Stage 0 study.

Build Alternative 1 – Two Way Center Left Turn Lane (TWCLTL)



Figure 1: Build Alternative 1 – Two Way Center Left Turn Lane (TWCLTL)

LADOTD – Farmerville State and Local Roads  
Traffic Study

### **Preliminary Scope and Cost Estimate**

The fourth step is to determine the cost estimate for each alternative. The cost estimate should incorporate all items mentioned above including right-of-way acquisition including the costs of relocation for residential or commercial properties, additional environmental studies and mitigations, and utility relocations. Cost estimate should also include the estimated engineering design and construction costs. The experienced roadway and bridge engineers on our team will develop these costs along with the conceptual design plans for the alternatives identified within the Stage 0 study. A value engineering and constructability review will also be performed.

### **Anticipated Funding Sources**

The fifth step is to determine the anticipated funding sources. Funding sources are generally tied to the several different project types listed above, but any additional funding sources should also be listed here. Amount of available funding should be listed if it is known.

### **Agency and Public Coordination**

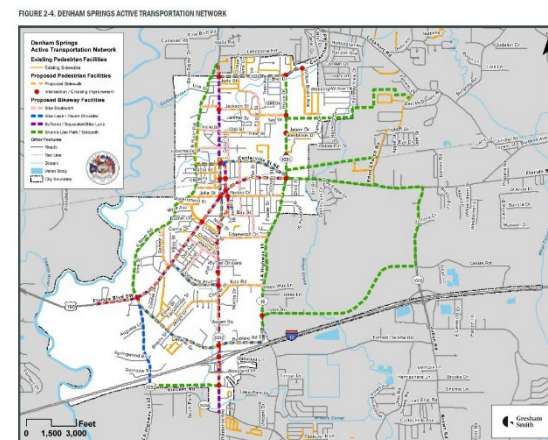
The Gresham Smith team will maintain constant communication and coordination with DOTD through out this IDIQ contract on each and every project assigned. If the project warrants, we will work with DOTD to identify key stakeholders from other state agencies, municipalities, local agencies, or elected officials and form a Technical Advisory Committee (TAC) for each project. Regular meetings with the TAC will be scheduled to coincide with key benchmarks and deliverables through the study. Data, results and decisions will presented to TAC for input or concerns prior to proceeding to the next step in the process. This will assist in garnering support for our efforts from the public administrations effected by the project. Should public meeting(s) be necessary to either gather public input on the project or to share our results, thoughts and findings, the Gresham Smith team has years of experience completing numerous in-person public meetings.

An example of all of these items coming together can be found within the work that Gresham Smith performed for the Capital Region Planning Commission (CRPC) Bike and Pedestrian Master Plans for the Cities of Baker and Denham Springs. The team, in coordination with the CRPC established a TAC to assist with the development of this plan and as a sounding board. The team met regularly with the TAC, keeping them informed of the progress of the project and prior to public meetings. The public meetings that were held in Denham Springs were well attended and achieved the public interactions and input desired by CRPC. After poor attendance at the Baker public meetings, additional steps were taken to collect public input virtually. A website and a wiki map were developed to assist those unable to attend public meetings in person to contribute to the project virtually.

### **Recent Experience**

The Gresham Smith Team was selected by DOTD for an IDIQ Contract for Stage 0 Studies in 2021. We have been issued two task orders under this retainer contract which include the LA 70 at LA 3089 Stage 0 and the Lafourche Bayou Bridge Stage 0 as shown in the firm experience portion of this proposal.

Project Manager Richard Savoie oversaw the completion of our La 3089 at LA 70 Stage 0 from start to finish. He maintained constant communication with DOTD Project Manager Hong Zhang, keeping her up to date on project status throughout the duration of the project. These included monthly progress reports and schedule updates. Our deliverables included a Draft Report, a Final Draft Report, and a Final Report. At



CRPC – Bicycle and Pedestrian Master Plan



each submittal, comments were received, documented, and responded to accordingly. This was a billable rates contract in which Richard was able to maximize efficiencies, which led to Gresham Smith being able to make the Final deliverable 2 months ahead of schedule and **nearly \$80,000 under budget, saving money for the department.**

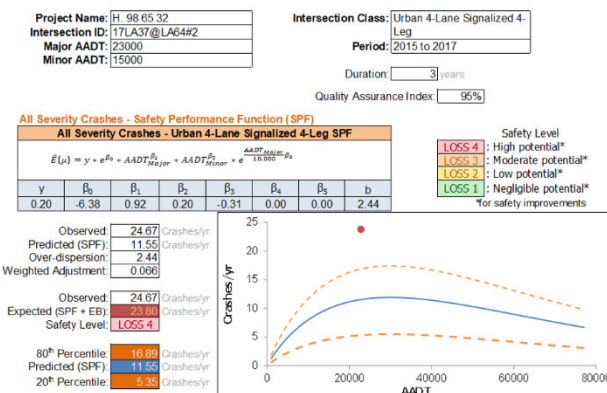
Our Lafourche Bayou Bridge project recently began work in December 2024, and we are well underway on the development of this Stage 0. Richard is working with DOTD project manager Dilton Anderson on this Stage 0. Richard is also working with representatives from Lafourche parish, a stakeholder on the project who is providing partial funding, to gather input to inform on the development of project alternatives. We intend to submit this project ahead of schedule in order to ensure we meet federal funding obligation deadlines. The Gresham Smith Team will lean on our recent experience in developing Stage 0 Studies for DOTD in order to successfully deliver projects for this IDIQ.

Our Louisiana office location will manage 100% of the work assigned under this contract and the majority of the work will be performed by our local transportation professionals in our Baton Rouge office. Should addition support or a specific expertise be necessary our local team is supported by the entire Gresham Smith transportation market, which is comprised of more than 275 transportation professionals. While we have the ability to deliver an unparalleled diversity and depth of RESOURCES rivaling those of much larger national firms, we provide the dedicated, personalized service and RESPONSIVENESS of a smaller, local firm.

## Schedule:

Typical Timeline for Standard Stage 0 Study & Task Deliverables					
Develop Preliminary Purpose and Need	Identify Project Concept	Conduct Preliminary Reviews	Develop Preliminary Scope & Estimate for the Initial Project Concept	Identify Expected Funding Sources	Complete Environmental Checklist & Final Feasibility Report
2 Months	6 Months	2 Months	4 Months	2 Months	3 Months
<ul style="list-style-type: none"> <li>Description of existing facility</li> <li>Background/history of the project</li> <li>Air quality context</li> <li>Justification of need</li> <li>Multi-modal considerations</li> <li>Context sensitive concepts</li> <li>Roadway deficiency data</li> <li>Demographic data</li> <li>Transportation demand &amp; traffic forecasts</li> <li>Adjacent project identification</li> </ul>	<ul style="list-style-type: none"> <li>Address the need</li> <li>Major design features</li> <li>Supporting technical data</li> <li>Technical analysis</li> <li>Potential alternatives</li> <li>Construction traffic management considerations</li> </ul>	<ul style="list-style-type: none"> <li>Potential Impacts</li> <li>Environmental review</li> <li>Value planning</li> <li>Engineering assessment</li> <li>Constructability review</li> </ul>	<ul style="list-style-type: none"> <li>Right-of-way acquisition</li> <li>Utility relocations</li> <li>Construction including traffic management</li> <li>Environmental studies</li> <li>Mitigation</li> <li>Design Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Priority program</li> <li>CMAQ</li> <li>Urban systems</li> <li>Federal earmarks</li> <li>State earmarks</li> </ul>	<ul style="list-style-type: none"> <li>Compile data from previous tasks into Final Feasibility Report</li> <li>Stage 0 Preliminary Scope and Budget Checklist</li> </ul>

## 1. Safety Comparison



LADOTD – LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study



LADOTD – LA 37: Bayou Bridge Stage 0 Feasibility Study

**19. Workload:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

<b>Firm</b> All firms must be represented in this table	<b>Past Performance Evaluation Disciplines(s) *</b>	<b>Contract Number &amp; State Project Number</b>	<b>Project Name</b>	<b>Remaining unpaid balance**</b>
Gresham Smith	CE&I/OV	44-24424; H.013256.6	I-10 Scott to Lake Charles ITS CEI	1,873
Gresham Smith	Other (Program Mgt)	44-27186; H.015959.1	Discretionary Grant Administration	1,469,102
Gresham Smith	Planning	44-21326; H.010074.1	Stage 0 Lafourche Bayou Bridge (HBI)	67,473
Gresham Smith	Road	44-19871; H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	7,033
Gresham Smith	Road	44-26911; H.016080.5	LRSP/STRPPP TO #6 US 190	4,000
Gresham Smith	Road	44-26911; H.016089	LRSP/STRPPP TO #7 Orice, Sandra & Darby	11,500
Gresham Smith	Road	44-26911; H.016078.5	LRSP/STRPPP TO #8 Highland / Dalrymp	6,500
Gresham Smith	Road	44-26911; H.016083.5	LRSP/STRPPP TO #9 W. Worthey	4,000
Gresham Smith	Road	44-26911; H.015202.5	LRSP/STRPPP TO #10 Donaldsonville	166,194
Gresham Smith	Road	44-27210; H.012859.5	Roundabout at Valhi Blvd	255,797
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	Road	44-26912; H.016007.5	LRSP/STRPPP TO #6 Date St	5,000
Gresham Smith	Road	44-26912; H.016189.5	LRSP/STRPPP TO #7 LA 31	6,300


Gresham Smith	Road	44-19871; H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping	6,912
Gresham Smith	Traffic	44-19871; H.015086.5	LRSP/STRPPP LA 14	1,690
Gresham Smith	Traffic	44-198771; H.015201	LRSP/STRPPP Richwood Traffic Study	87,761
Gresham Smith	Traffic	44-25298; H.013388.5	Lafourche Flashing Yellow Arrow Traffic Signal Upgrade	278,886
Gresham Smith	Traffic	44-25298; H.016007.1	Traffic Signal Comm SEA	131,278
Gresham Smith	Traffic	44-25298; H.016039.5	LA 47: LA46 - Virtue St	253,113
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
ELOS Environmental, LLC	Environmental	44-19337; H.014242	LA-124 Big Branch, Sandy, Godfrey, Beech Bridges	N/A
ELOS Environmental, LLC	Environmental	44-19337; H.014243	LA-472 Indian and Big Bear Creek	18
ELOS Environmental, LLC	Environmental	44-19337; H.014245	LA-119 Bayou Pierre and Creek Bridges	15
ELOS Environmental, LLC	Environmental	44-19337; H.014246	LA-1199 Creeks & Spring Creek	18
ELOS Environmental, LLC	Environmental	44-19337; H.014247	LA-399 Creeks, Little 6 Mile Creek, Flat Branch	26
ELOS Environmental, LLC	Environmental	44-19337; H.014247.5	LA-399 Bridges – Supplemental Task Order	N/A
ELOS Environmental, LLC	Environmental	44-19337; H.014248	LA-124 Creeks, Broke Leg Bayou, Boggy Bayou	14
ELOS Environmental, LLC	Environmental	44-19337; H.014248.5	LA-124 On site Detours - Supplemental Task Order	10
ELOS Environmental, LLC	Environmental	44-19337; H.014249	LA-126 Creek	849
ELOS Environmental, LLC	Environmental	44-19337; H.014242.5	LA-124 Bridges/Detours – Supplemental Task Order	21,472
ELOS Environmental, LLC	Environmental	44-19337; H.014250	LA-577 Bull Bayou and Creek Bridges	37
ELOS Environmental, LLC	Environmental	44-19337; H.014268	LA-4 Creeks, Bear, Squirrel, Sugar, Bill's and Lost Creek	30
ELOS Environmental, LLC	Environmental	44-19337; H.014268.5	LA-4 Creeks, Bear, Squirrel, Sugar, Bill's and Lost Creek	8




ELOS Environmental, LLC	Environmental	44-19337; H.014245.5	LA -119 Bayou Pierre and Creek Bridges – Additional	N/A
ELOS Environmental, LLC	Environmental	44-27734; H.014362	Lake Road in St. Tammany Parish	22,877
ELOS Environmental, LLC	Environmental	44-24593; H.015009	OSBR West Metairie Ave Bridge, South Suburban Canal	N/A
ELOS Environmental, LLC	Environmental	44-25041; H.015429	Carroll Ave, Middle Colyell Creek - IIJA Off-System	25
ELOS Environmental, LLC	Environmental	44-25041; H.015430	Hood Rd, Middle Colyell Creek - IIJA Off-System Bridges	15
ELOS Environmental, LLC	Environmental	44-25041; H.015431	Sawmill Rd, Unnamed Creek – IIJA Off-System Bridges	17
ELOS Environmental, LLC	Environmental	44-25041; H.015432	M. Williams Rd, Spring Creek – IIJA Off-System Bridges	17
ELOS Environmental, LLC	Environmental	44-25041; H.015433	George Jenkins Rd, Berry’s Creek – IIJA Off-System Bridges	28
ELOS Environmental, LLC	Environmental	44-25041; H.015434	Mitch Rd, Peters Creek – IIJA Off-System Bridges	8
ELOS Environmental, LLC	Environmental	44-21326; H010074.1	DOTD Stage 0 IDIQ – LA 3089 Serve Rd/LA 70	2,760




(Add rows as needed)




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## 20. Certifications

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
	<b>Mr. Herbert Eugene Moore II</b>  License/Certificate Type - Number <b>PE.0031065</b>  Status: <b>Active</b> Exp Date: <b>09/30/2026</b>

<b>Bert Moore</b>  for completing the  <b>Traffic Engineering Analysis Process &amp; Report Module 1</b>		
Date: June 4, 2018 Location: Baton Rouge, Louisiana	Professional Development Hours (PDHs) Awarded: 4	
 Authorized Instructor	 Authorized Instructor	 Authorized instructor

<b>Bert Moore</b>  for completing the  <b>Traffic Engineering Analysis Process &amp; Report Module 2</b>		
Date: June 11, 2018 Location: Baton Rouge, Louisiana	Professional Development Hours (PDHs) Awarded: 4	
 Authorized Instructor	 Authorized instructor	 Authorized instructor

<b>Bert Moore</b>  for completing the  <b>Traffic Engineering Analysis Process &amp; Report Module 3</b>		
Date: October 18, 2018 Location: Baton Rouge, Louisiana	Professional Development Hours (PDHs) Awarded: 3	
 Authorized Instructor	 Authorized instructor	 Authorized instructor





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,



## 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

Baton Rouge, LA  
Location

Vernon H. Clark  
Vice President of Education and Technical Services

Shane Trisham  
President, CEO

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



American Traffic Safety Services Association ATSSA.com



American Traffic Safety  
Services Association

This is to affirm that

Herbert Moore

has satisfied the requirements to be designated as a  
**CERTIFIED FLAGGER**

ATSSA

Issue Date 5/9/2023

Exp. Date 5/8/2027

State Issued LA

Instructor Name

Vernon H. Clark

Instructor Signature

AT000026198

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.  
Iida van Schalkwyk, PhD  
Larry F. Sutherland, P.E.  
Instructors



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



## 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

Baton Rouge, LA  
Location

*Ramona Smith*  
Director of Training

*Johnnie T. Smith*  
President, CEO

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

*Steven C. Brungth*  
Director, LTAP



August 22<sup>nd</sup>, 2023  
Date

New Orleans, Louisiana  
Location

**American Wick Drain Corporation**

**1289 Airport Road**

**Monroe, NC 28110**

**PH: 800.242.5425**

**FX: 704.296.0690**

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

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

	<p><b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD</b> (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a></p>
<p><b>Mr. Richard Linton Savoie Jr.</b></p> <p><b>License/Certificate Type - Number</b> PE.0020936</p> <p><b>Status:</b> Active      <b>Exp Date:</b> 09/30/2026</p>	



**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**

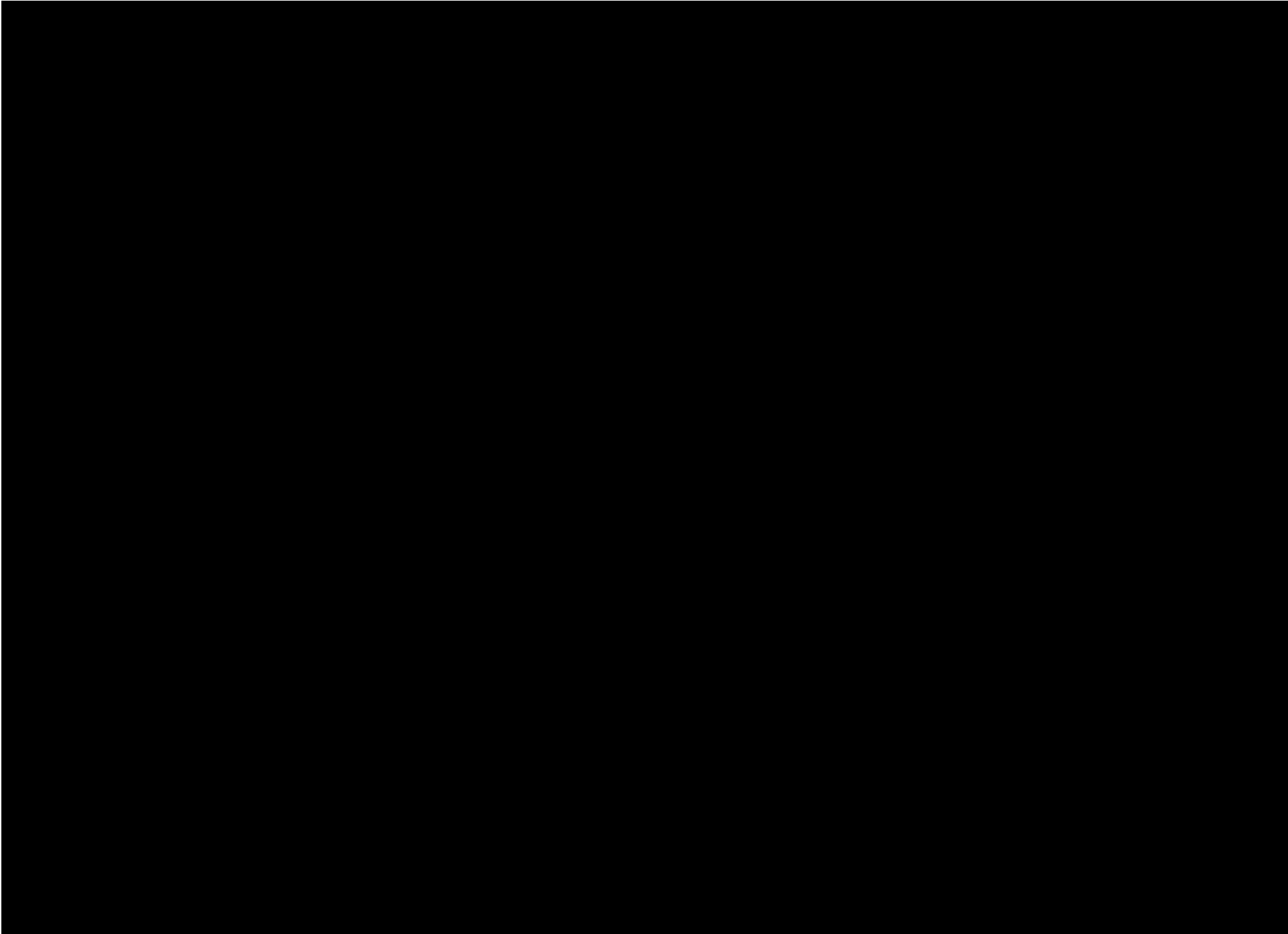
12809 Airport Road  
Monroe, NC 28110  
P: 800.242.9425  
F: 704.296.0690

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 areas, 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

**Mrs. Rebecca L. Murray**

License/Certificate Type - Number

**PE.0043788**

Expiration Date

**03/31/2026**

Status: **Active**

*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

*John J. Calver*  
Authorized Instructor

*John J. Calver*  
Authorized Instructor

*Rebecca LaPorte*  
Authorized instructor

*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

*John J. Calver*  
Authorized Instructor

*John J. Calver*  
Authorized Instructor

*Rebecca LaPorte*  
Authorized instructor

*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

*John J. Calver*  
Authorized Instructor

*John J. Calver*  
Authorized Instructor

*Rebecca LaPorte*  
Authorized instructor





# 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



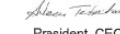
## PROOF OF TRAINING

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

Baton Rouge, LA  
Location

  
Director of Training  
  
President, CEO

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



American Traffic Safety  
Services Association

*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

  
Instructor Signature

V0000128090

Verify at Flagger.com

# Certificate of Training

PRESENTED BY

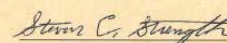
Louisiana Local Technical  
Assistance Program

TO CERTIFY THAT

**Zillah Zoleta**

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

**Safety of Vulnerable Road Users Workshop**

  
Director, LTAP



August 22<sup>nd</sup>, 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

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 2

*Poly A. Colina*  
Authorized Instructor

*Alben Cooper*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized instructor



## *Certificate of Completion*

presented to

*Alben Cooper*

for completing the

### **Traffic Engineering Analysis Process & Report Module 2**

Date: February 25, 2019

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 3

*Poly A. Colina*  
Authorized Instructor

*Alben Cooper*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized instructor



## *Certificate of Completion*

presented to

*Alben Cooper*

for completing the

### **Traffic Engineering Analysis Process & Report Module 3**

Date: February 26, 2019

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 3

*Poly A. Colina*  
Authorized Instructor

*Alben Cooper*  
Authorized Instructor

*Robert J. Brumfield*  
Authorized instructor



# *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



**American Traffic Safety  
Services Association**

*This is to affirm that*

**KOFI AMPOFO-TWUMASI**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

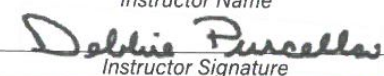
Issue Date 5/31/2023

**Debbie Purcella**

Instructor Name

Exp. Date 5/31/2027

State Issued LA

  
Instructor Signature

V0000177925

Verify at [Flagger.com](http://Flagger.com)

State of  
Louisiana  
Secretary of  
State



**COMMERCIAL DIVISION**  
**225.925.4704**

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

Name	Type	City	Status
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, SUITE G280

BATON ROUGE, LA 70810

**Status**

**Status:** Active

**Registered:** 2/17/2006

**Last Report Filed:** 2/29/2024

**Type:** Partnership (Non-Louisiana)

**Registered Agent(s)**

**Agent:** NATIONAL REGISTERED AGENTS, INC.

**Address 1:** 3867 PLAZA TOWER DR.

**City, State, Zip:** BATON ROUGE, LA 70816

State of  
Louisiana  
Secretary of  
State



**COMMERCIAL DIVISION**  
**225.925.4704**

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

Name	Type	City	Status
ELOS ENVIRONMENTAL, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

**Previous Names**

**Business:** ELOS ENVIRONMENTAL, LLC

**Charter Number:** 45643772Q

**Registration Date:** 10/19/2023

**Domicile Address**

1209 ORANGE ST  
WILMINGTON, DE 19801

**Mailing Address**

607 W MORRIS AVE  
HAMMOND, LA 70403

**Principal Business Office**

607 W MORRIS AVE  
HAMMOND, LA 70403

**Registered Office in Louisiana**

3867 PLAZA TOWER DR.  
BATON ROUGE, LA 70816

**Principal Business Establishment in Louisiana**

607 W MORRIS AVE  
HAMMOND, LA 70403

**Status**

**Status:** Active

**Annual Report Status:** In Good Standing

**Qualified:** 10/19/2023

**Last Report Filed:** 9/20/2024

**Type:** Limited Liability Company (Non-Louisiana)

**Registered Agent(s)**

<b>Agent:</b>	C T CORPORATION SYSTEM
<b>Address 1:</b>	3867 PLAZA TOWER DR.
<b>City, State, Zip:</b>	BATON ROUGE, LA 70816
<b>Appointment Date:</b>	10/19/2023

**Officer(s)**

Additional Officers: No

**21. QA/QC Plan:**



**22. Sub-consultant information:**

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u> )	Address	Point of Contact and email address	Phone Number
ELOS Environmental, LLC	607 W Morris Avenue Hammond, LA 70403	Lucas Watkins lwatkins@elosenv.com	985.662.5501

(Add rows as needed)

**23. Location:**



# Gresham Smith

Genuine Ingenuity

Alpharetta, GA  
Atlanta, GA  
Baton Rouge, LA  
Birmingham, AL  
Buford, GA  
Charlotte, NC  
Chattanooga, TN

Chicago, IL  
Cincinnati, OH  
Columbus, OH  
Dallas, TX  
Denver, CO  
Detroit, MI  
Ft. Lauderdale, FL

Jackson, MS  
Jacksonville, FL  
Knoxville, TN  
Lexington, KY  
Louisville, KY  
Memphis, TN  
Miami, FL

Nashville, TN  
Orlando, FL  
Richmond, VA  
Tallahassee, FL  
Tampa, FL

10000 Perkins Rowe  
South Tower - Suite G520  
Baton Rouge, LA 70810  
225.757.5849  
[GreshamSmith.com](http://GreshamSmith.com)