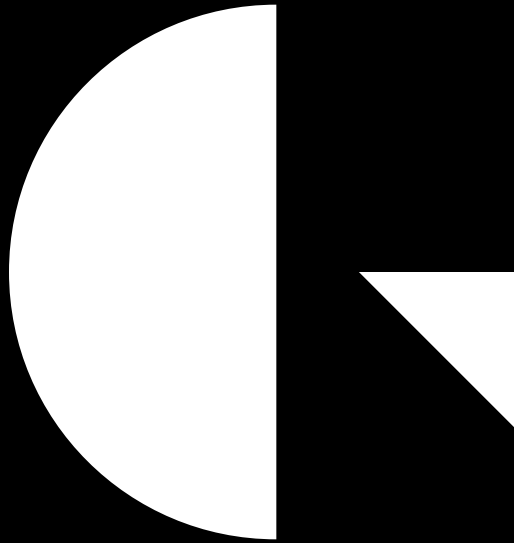


**Gresham Smith**



**LADOTD**

IDIQ Contract for Design of Safety Projects Statewide with  
Majority of Work in Districts 02, 61, and 62 | Contract Nos. 4400026910 and 4400026911  
Statewide, LA | May 30, 2023



## Genuine Ingenuity

10000 Perkins Rowe  
Suite 280  
Baton Rouge, LA 70810  
  
225.757.5849  
GreshamSmith.com

**Gresham  
Smith**

May 30, 2023

Mr. Michael Gorbaty  
Consultant Contract Services Administrator  
Department of Transportation and Development  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802

Re: Advertisement for Engineering and Related Services  
IDIQ Contract for Design of Safety Projects Statewide with Majority of Work in Districts 02, 61, and 62  
Contract Nos. 4400026910 and 4400026911

Dear Mr. Gorbaty:

Gresham Smith has been honored to partner with LADOTD for the IDIQ Contract for Design of Safety Projects. For over the past eight (8) years, we have teamed with LADOTD and numerous municipalities on over 37 task orders that include design reports, traffic studies, preliminary and final plan designs, and construction inspection and engineering tasks for projects under the Local Road Safety / Safe Routes to School / Safe Routes to Public Places programs. Our key local staff all have experience successfully completing the road, bridge, complete street, and traffic projects assigned under these task orders and we look forward to the opportunity to continuing to do so under this IDIQ Contract for the Design of Safety 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.

To support you in this endeavor, we have assembled an extremely strong and experienced team that includes Gresham Smith, Volkert, and Civil Design and Construction. Gresham Smith's key staff personally has long standing relationships with the key staff on our subconsultants and having shared professional experiences with them in the past. Volkert has been our surveying sub on this contract for the past eight (8) years. Civil Design and Construction is a local certified DBE/WBE firm, will perform 5% of the work on this retainer to meet or exceed the DBE goal. Volkert and Civil Design and Construction will provide surveying, both topographic and Right-Of-Way, services to the team. Our team brings added value over and above your vision for the contract, and offers the DOTD and the local municipalities within Districts 02, 61 and 62 a winning formula based on the following:

- Project Executive (Principal) and Lead Traffic Engineer Herbert "Bert" Moore II, P.E., PLS, PTOE, this contract will be managed under Bert's leadership from our Baton Rouge office, where the work will be performed. Bert is experienced in working with local communities and agencies. Gresham Smith has completed a number of projects through previous contracts, to ensure local concerns are addressed and that the designing of the project meets the needs of the local community.



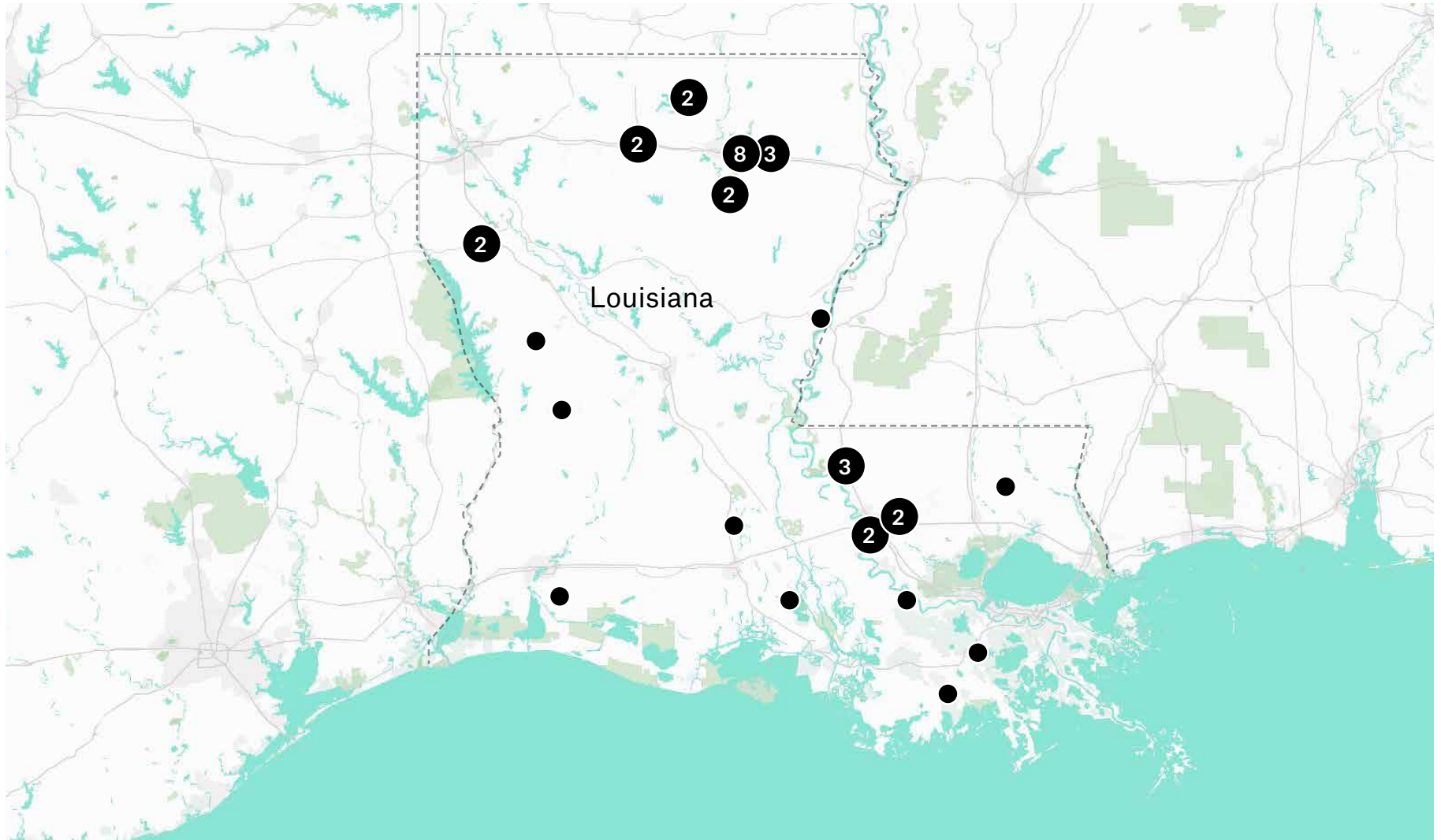
- Project Manager Richard Savoie, P.E. will supervise the day to day operations of the project to ensure that the work is progressing in accordance with the contract scope, schedule and budget. Richard has managed a number of successful LRSP and SRTS projects under the current retainer contract.
- Brennon Hughes, P.E., will lead our road design tasks. Brennon's experience as a former LADOTD road design engineer and as a construction project engineer, make him a prime candidate to lead this design. Brennon has led our design efforts on the majority of the projects under the current retainer contract.
- Ronnie Robinson, P.E., will assist Brennon with the road design work. Ronnie's experience of 33 years with LADOTD as an Assistant District Administrator over Engineering provide him with a unique familiarity of these types of projects and an understanding of the processes they follow.
- Greg Kern, AICP will lead our multimodal planning and design efforts. Greg is Gresham Smith's service line leader for Active Transportation. He is a planner with over 30 years of multimodal expertise. His efforts and focus have helped to establish Gresham Smith as a regional leader in multimodal design.

Our team is aligned to provide the perfect blend of highly qualified staff and workforce availability. We can assure the stakeholders that we will deliver the project on-time with high quality. We respectfully ask for your consideration and appreciate the opportunity to present this proposal. Please feel free to contact me with any questions. You may reach me by phone at 225.757.5849 or by email at [bert.moore@greshamsmith.com](mailto:bert.moore@greshamsmith.com).

Sincerely,

Herbert "Bert" Moore II, P.E., PLS, PTOE  
State Transportation Leader - Louisiana

## Previous Safety Design Task Orders



24-102

**Sections 1-15**


**DOTD FORM: 24-102**

(Revised January 1, 2023)

**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 Contracts for the Design of Safety Projects Statewide with Majority of Work in District 02, 61 and 62
2. Contract number(s) as shown in the advertisement	4400026910 and 4400026911
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	 <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, Suite 280, 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, Suite 280, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Richard Savoie, P.E. Senior Transportation Engineer 225.960.5483 / richard.savoie@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 State Transportation Leader - Louisiana 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.

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



Date: May 30, 2023

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

Firm(s): Civil Design & Construction, Inc. Firm(s)' %: 5%

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

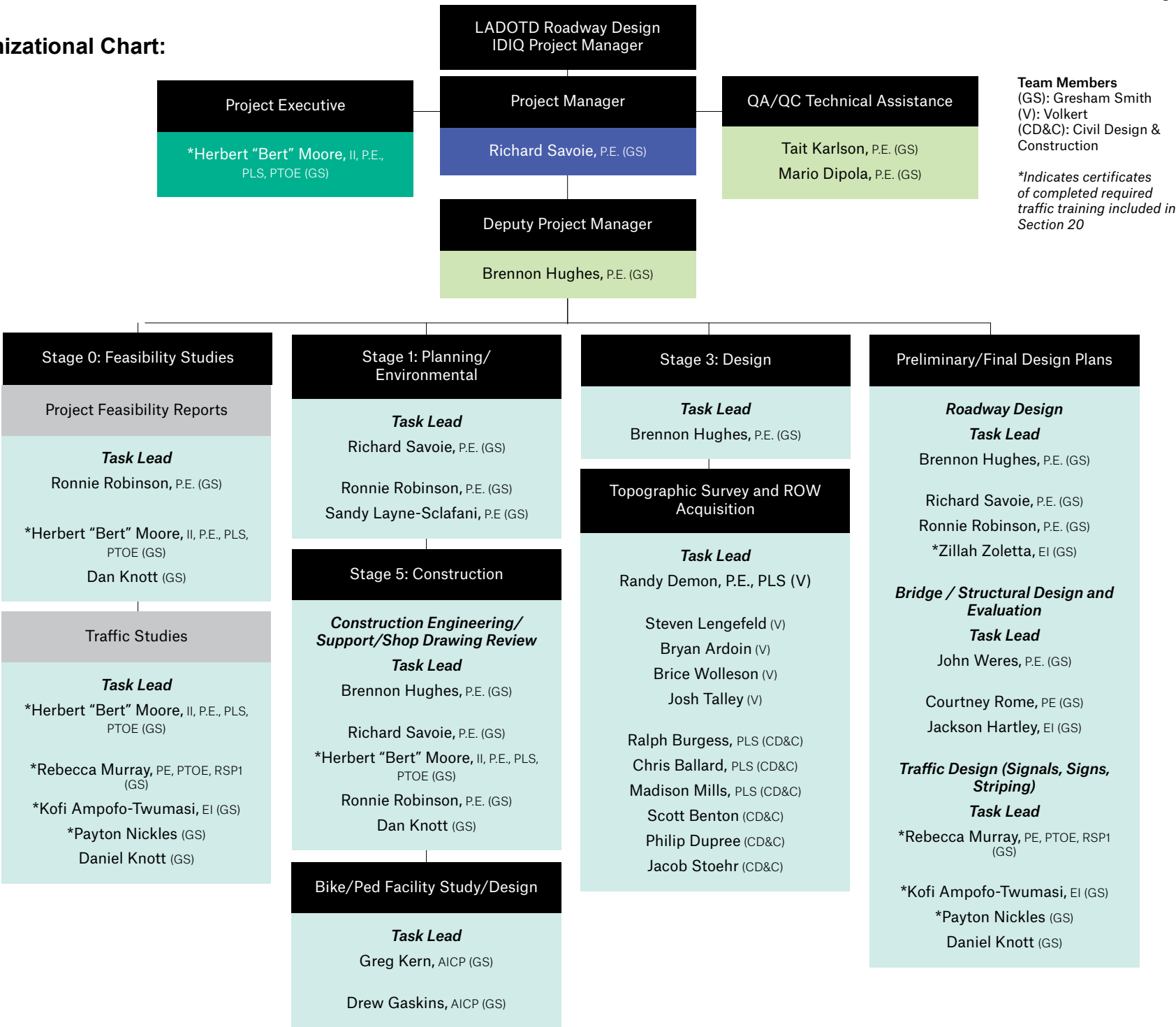
<b>Past Performance Evaluation Categories</b>	<b>% of Overall Contract</b>	<b>Gresham Smith (Prime)</b>	<b>Volkert (Sub)</b>	<b>CD&amp;C (DBE) (Sub)</b>	<b>Each Discipline must total to 100%</b>
<b>Other (LRSP/SRTS/SRTPPP Designs)</b>	75%	100%	0%	0%	100%
<b>Surveying</b>	10%	0%	50%	50%	100%
<b>Traffic</b>	10%	100%	0%	0%	100%
<b>Roadway</b>	5%	100%	0%	0%	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>90%</b>	<b>5%</b>	<b>5%</b>	<b>100%</b>

**13. Firm Size:**

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Gresham Smith	Principal	1	1
Gresham Smith	Supervisor-Engineer	2	6
Gresham Smith	Supervisor - Other (Planner)	1	2
Gresham Smith	Engineer	2	8
Gresham Smith	Planner	1	2
Gresham Smith	Engineer Intern	2	8
Gresham Smith	Professional	1	2
Gresham Smith	Senior Technician	2	6
Gresham Smith	Clerical	1	1
Volkert, Inc.	Surveyor	1	7
Volkert, Inc.	Technician	1	8
Volkert, Inc.	Party Chief	1	16
Volkert, Inc.	Rodman	1	7
Volkert, Inc.	Instrument Man	1	7
Civil Design & Construction, Inc.	Surveyor	1	3
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	1	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	2	5
Civil Design & Construction, Inc.	Supervisor - SUE	1	1



14. Organizational Chart:



**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 (Ex: PE # - Civil)</b>	<b>State of license</b>	<b>License / certification expiration date</b>
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
3.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
	Richard Savoie, P.E.	Gresham Smith	P.E. LA 20936 - (Civil)	Louisiana	P.E., LA 20936 Exp 9/30/2024
	Brennon Hughes, P.E.	Gresham Smith	P.E. LA 39985 - (Civil)	Louisiana	P.E., LA 39985 Exp 3/31/2024
	Ronnie Robinson, P.E.	Gresham Smith	P.E. LA 24040 - (Civil)	Louisiana	P.E., LA 24040 Exp. 3/31/2024
4.	Ralph Burgess, PLS	CD&C	PLS LA 5040	Louisiana	PLS, LA 5040 Exp 9/30/2024
	Chris Ballard, PLS	CD&C	PLS LA 5033	Louisiana	PLS, LA 5033 Exp. 9/30/2024
	Randy Denmon, P.E., PLS	Volkert	P.E. LA – (Civil)	Louisiana	P.E., LA 29390 Exp. 3/31/2025
			PLS	Louisiana	PLS LA 4798 Exp. 3/31/2025

5.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
	Rebecca Murray, P.E., PTOE, RSP1	Gresham Smith	P.E. LA 43788 - (Civil)	Louisiana	P.E., LA 43788 Exp. 3/31/2024
			PTOE 4861	International	PTOE 4861 Exp. 3/26/2026
			RSP1 611	International	RSP1 611 Exp. 4/5/2024
	Tait Karlson, P.E., PTOE	Gresham Smith	P.E. LA 40438 - (Civil)	Louisiana	P.E., LA 40438 Exp. 9/30/2024
			PTOE 3091	International	PTOE 3091 Exp. 7/20/2023

## H.009297-1 Before and After



24-102  
**Section 16**

## 16. Staff Experience:

Gresham Smith

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

Project Executive

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

8

**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. 9/30/24 | PTOE 2728 / Exp. 9/30/24 | PLS 5043 / LA / Exp. 9/30/24

**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 24 years of experience designing and managing projects in the fields of traffic and transportation engineering. He previously spent six years as the district traffic operations engineer for LADOTD where he was responsible for the daily maintenance and operation of signs, striping and traffic equipment for 2,000 miles of roadway and over 600 traffic signals in the Department's Baton Rouge district. His experience is in traffic operations, traffic control, signal warrants, traffic signal timing and design, safety studies, the implementation of access management principles, temporary traffic control for work zones, Transportation Management Plans (TMP), and bicycle and pedestrian accommodations the roadway network. Bert has been the Project Executive and led the traffic efforts of this contract over the past 8 years.

02/16 – 06/20

**LADOTD, SRTS/LRSP Task Order 2: McMillan Road Intersection Traffic Study, West Monroe, LA | Project Manager.** Bert utilized his knowledge of LADOTD's traffic signal program to identify areas for improvement in the local roadway network and to work with local officials and LADOTD Maintenance staff to identify the most appropriate intersection improvements to meet the project needs.

2/17 – 12/20

**LADOTD, SRTS/LRSP Task Order 6 & 21: Endom Bridge, West Monroe, LA | Project Executive.** Bert was responsible for overseeing the data collection, analyzing the traffic counts to determine appropriate lane configuration and geometry, and support and coordination of overall design.

8/17 – 2/19

**LADOTD, SRTS/LRSP Task Orders 9 & 14: Farmerville Sidewalks Report and Design, Farmerville, LA | Project Executive.** Bert was responsible for support and coordination of design report and QA/QC.

9/17 – 11/17

**LADOTD, SRTS/LRSP Task Order 8: Design Reports for LR West Feliciana Striping, West Feliciana, LA | Project Executive.** Bert was responsible for support and coordination of design report and QA/QC.

02/16 – 06/20

**LADOTD, SRTS/LRSP Task Order 1: Vidalia Traffic Study, Vidalia, LA | Project Manager.** Bert worked closely with the local municipality and all stake holders to determine all critical project issues and to develop solutions that could be implemented in a cost-effective project to improve safety and traffic flow.

10/17 – 5/19

**LADOTD, SRTS/LRSP Task Orders 5 & 11: Ouachita Schools Report and Design, Ouachita Parish, LA | Project Executive.** Bert was responsible for support and coordination and QA/QC of project report and the design plans.

12/17 – 2/18	<b>LADOTD, SRTS/LRSP Task Order 10: Design Reports for Foster/Greenwell Springs Road Diets and Sidewalks, Baton Rouge, LA   Project Executive.</b> Bert was responsible for support and coordination of design report and QA/QC.
7/18 – 8/18	<b>LADOTD, SRTS/LRSP Task Order 15: Denham Springs Project Report, Denham Springs, LA   Project Executive.</b> Bert was responsible for support and coordination of project report and QA/QC.
9/18 – 04/21	<b>LADOTD, SRTS/LRSP Task Order 16: Tangipohoa Striping Design, Tangipohoa Parish, LA   Project Executive.</b> Bert is responsible for support and coordination of overall design and QA/QC. Bert will also assist by providing his traffic engineering experience for the signing and striping of the road and pedestrian facilities.
02/16 – 06/20	<b>LADOTD, SRTS/LRSP Task Order: Constitution Drive Traffic Study, West Monroe, LA   Project Executive.</b> Bert was responsible for leading the traffic study. Bert oversaw the data collection and peak hour field observations, analyzed the traffic data, reviewed crash reports, development of recommended improvements and the report. Also led meetings with the mayor to discuss recommendations outlined within the traffic study.
1/17 – 5/18	<b>LADOTD, SRTS/LRSP Task Order 3: Desiard Street Striping, Monroe, LA   Project Executive.</b> Bert was responsible for support and coordination of overall design, providing the traffic engineering experience for signing and striping the road and pedestrian facilities, construction engineering and inspection, and QA/QC.
11/16 – 06/21	<b>LADOTD, SRTS/LRSP Task Order 4, Monroe Guardrail, Monroe, LA   Project Executive.</b> Bert was responsible for maintaining client relationships and project schedules and budgets.
05/17 – 03/19	<b>LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   Project Executive.</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, lead the Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Bert was responsible for the overall study, overseeing data collection, conducting safety analysis, development of VISSIM models, development of alternatives and the report.
05/18 – 12/21	<b>LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   Project Executive.</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 were performed using mainly HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analyses to develop regional growth rates for the study area. Bert was the supervising professional who was responsible for the traffic and safety portions of the study.
03/16 – 10/17	<b>LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA   Project Executive.</b> Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around Farmerville. The project included data collection, crash review, development of growth rates, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Bert was responsible for the overall study and led meetings with local officials and agencies.
Certifications (See section 20)	<ul style="list-style-type: none"> <li>• DOTD Traffic Engineering Analysis Process &amp; Report – Modules 1, 2 and 3</li> <li>• U.S. Department of Transportation Federal Highway Administration – DPFA Certification</li> <li>• LADOTD – Highway Safety Manual Workshop NCHRP 17-38</li> <li>• Louisiana Local Technical Assistance Program – Regional Crash Data Workshop</li> <li>• American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific</li> </ul>




## 16. Staff Experience:

Gresham Smith



**Richard Savoie, P.E.**  
Project Manager

	<b>Richard Savoie, P.E.</b> Project Manager		<b>Years of experience with this firm/employer</b>		4.5
			<b>Years of experience with other firm(s)/employer(s)</b>		40
<b>Degree(s) / Years / Specialization</b>			Bachelor of Science / 1978 / Civil Engineering, McNeese State University		
<b>Active registration number / state / expiration date</b>			P.E.0020936 / LA / 9/30/24		
<b>Year registered</b>			1983 (LA)	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>			Project Manager / Richard will lead project management operations and will provide QA/QC services for the various task orders.		
09/18 – 12/19	<b>LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Union Parish, Farmerville, LA   Senior Engineer.</b> Richard provided quality control review for the Final Plan submission for this Safe Routes to Public Places Project. The review was to ensure that the plans were developed in accordance with standard DOTD policy and procedure. Plans included installation of sidewalks along various local roadways, driveway adjustments to ensure ADA compliance and utility relocation avoidance.				
09/18 – 12/20	<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 is being acquired at one quadrant of the intersection and Richard is assisting with the coordination between the right-of-way plans and the roadway requirements. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.				
09/18 – 01/20	<b>LADOTD, SRTS/LRSP Task Order 18: Denham Springs Striping Design, Livingston Parish, LA   Senior Engineer.</b> This project includes the site evaluation of 9 local roadways with the highest accident rate history in the City of Denham Springs. Gresham Smith performed ball bank evaluations for every curve on the 9 routes and evaluated driveway locations, intersection geometry and signing issues. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewed all potential improvements, and performed QC review on the preliminary and final design plan submissions.				
10/18 – 05/21	<b>LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA   Senior Engineer.</b> This project includes the site evaluation of 39 state and local roadways with the highest accident rate history in the Parish. Gresham Smith performed ball bank evaluations for every curve on the 39 routes. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewed all potential improvements, and performed QC review on the preliminary and final design plan submissions.				
09/18 – 06/19	<b>Parish of Ascension, SRTPP/LRSP Applications   Project Manager.</b> The Parish of Ascension selected Gresham Smith to review their capital plan, investigate the accident rates and safety history of the locally maintained roadways, develop a proposed plan, and to submit applications to LADOTD for Safe Routes to Schools and Public Places and Local Road Safety Plans to acquire construction funding. Richard coordinated with the Parish officials and LTAP personnel on the submission requirements for the funding applications and ensured that all Parish and state guidelines and requirements were adhered to for the application process.				


06/21 – Ongoing	<b>EBR DTD, MoveBR-Plank Road Corridor Enhancement, Baton Rouge, LA   Project Manager.</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. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users. Richard is managing the project on a day to day basis and leading the coordination with our sub-consultants.
04/20 – 11/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Senior Engineer.</b> Gresham Smith is tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewing all potential improvements, and performed QC reviews on the preliminary and final design plan submissions.
03/21 – Ongoing	<b>MSY, Task 4: Entrance Road Capacity, Kenner, LA   Senior Engineer.</b> Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes the widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.
02/90 – 03/14	<b>LADOTD, Project and Program Delivery.</b> Richard was the PM for the I-49 North project in Caddo Parish, from I-220 to the Arkansas State Line. The project started with the Corridor Selection Study and progressed to the Environmental Impact Study. Once the alignment was selected plan development began and thence project delivery for this \$670 million project. As the Deputy Chief and Chief Engineer, he met with program managers in the Engineering Division and approved and recommended changes to their budget partitions and project schedules. Worked with District Administrators to exchange mileage with local entities when new roadways were being added to the department's roadway mileage. Was the Engineering Division's voting member on the LADOTD's Project Delivery Steering committee responsible for the department's different programs budget partition approval and overall project delivery. Richard was the LADOTD's 1st Value Engineering Director beginning in 1998 when the department was recognized by FHWA with the "Big Kahuna Award" for an outstanding program.
05/80 – 02/06	<b>LADOTD, Road Design   Design Engineer/Project Manager.</b> Richard spent 26 of his 34-year LADOTD career in Road Design. Starting as an EIT 1 progressing to Asst. Road Design Engineer responsible for project management of roadway design by staff and design consultants preparing roadway plans and developing roadway design projects.
Career	Richard's 40+year career includes 34 years with LADOTD in increasing roles culminating as the LADOTD Chief Engineer. As Chief Engineer, Richard was responsible for establishing engineering directives and standards, policies, budgets, expenditures, programs and procedures that guided project and program delivery, construction, and preservation of all transportation-related projects and systems.



## 16. Staff Experience:

**Gresham Smith**


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

	<b>Brennon Hughes, P.E.</b> Lead Roadway Design Engineer		Years of experience with this firm/employer		6
			Years of experience with other firm(s)/employer(s)		6.5
Degree(s) / Years / Specialization		Bachelor of Science / 2011 / Civil Engineering, Louisiana State University			
Active registration number / state / expiration date		P.E.0039985 / LA / 3/31/24			
Year registered		2015	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities			Deputy Project Manager / Brennon will lead the development of the roadway plans including cost estimates and development of bid packages.		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
04/18 – 12/19		LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Farmerville, LA   <b>Lead Roadway Design Engineer.</b> Brennon was responsible for leading the design and the preparation of preliminary and final plans and cost estimates. Brennon led the plan-in-hand meeting with local officials for the preliminary design review and served as engineer-of-record for the design development.			
08/17 – 12/20		LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   <b>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. The project is currently under construction.			
09/17 – 06/19		LADOTD, SRTS/LRSP Task Order 7: McMillan Street at Blanchard Street Design, West Monroe, LA   <b>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		LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades (West Feliciana)   <b>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. The project is currently under construction.			
11/17 – 06/19		LADOTD, SRTS/LRSP Task Order 11: Ouachita Sidewalks, Monroe, LA   <b>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.			

07/18 – 01/20	<b>LADOTD, SRTS/LRSP Task Order 18: Denham Springs Striping Design, Livingston 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 engineer-of-record for the design development.
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 is also leading the design and the preparation of preliminary and final plans and cost estimates. Brennon led the plan-in-hand meeting with local officials for the preliminary design review and served as the engineer of record for the design development. The project is currently under construction.
08/13 – 08/17	<b>LADOTD, LA 44 Turn Lanes, Ascension Parish, LA   Lead Roadway Design Engineer.</b> This was an intersection improvements project located at five separate intersections which Brennon designed during his time working in the LADOTD Road Design section. This project included the addition of turn lanes, access management, and improved turnout geometry at the intersections. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates.
06/21 – Ongoing	<b>EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA   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. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users.
04/20 – 11/22	<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 which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Brennon is leading the design and the preparation of preliminary and final plans and cost estimates.
03/21 – Ongoing	<b>MSY, Task 4: Entrance Road Capacity, Kenner, LA   Lead Roadway Design Engineer.</b> Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.
Certifications (See section 20)	<ul style="list-style-type: none"> <li>• DOTD FHWA-NHI-380096V Modern Roundabouts: Intersections Designed for Safety</li> <li>• American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific</li> </ul>

**16. Staff Experience:****Gresham Smith**

**Ronnie Robinson, P.E.**  
Senior Transportation Engineer


 <b>Ronnie Robinson, P.E.</b> Senior Transportation Engineer	Years of experience with this firm/employer			7
	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 / 3/31/24			
Year registered	1988	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities		Senior Transportation Engineer / Ronnie will lead the development of the project Feasibility Reports and assist with all aspects of the road design efforts, including reviewing plans for Constructability.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
02/17 – 12/20	<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.			
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.
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.
Career	Ronnie has 33 years of experience with the Louisiana Department of Transportation and Development. He worked 11 of his 16 years in construction as a project engineer, eight years as manager of the design and permit sections and nine years as administrator for the design, water resources, permit and materials testing sections.

## 16. Staff Experience:

**Gresham Smith**

**Daniel Knott**  
Senior Technician


 <div><b>Daniel Knott</b> Senior Technician</div>				<b>Years of experience with this employer</b>	5
				<b>Years of experience with other employer(s)</b>	39
<b>Degree(s) / Years / Specialization</b>	IMSA / Traffic Signal Field Technician Level II, IMSA / Fiber Optics Level II, Light Brigade / Fiber Optic Design, Installation, and Maintenance				
<b>Active registration number / state / expiration date</b>	N/A				
<b>Year registered</b>	N/A	<b>Discipline</b>	N/A		
<b>Contract role(s) / brief description of responsibilities</b>		Senior Technician / Daniel will support the team with the collection of field data, such as traffic signal inventories, and drafting for traffic signal designs.			
<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 time specified in the applicable MPR(s).</b>				
12/18 – Ongoing	<b>LADOTD Traffic Engineering Retainer Contract TO #6, LCG Adaptive Traffic Signal System, Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA   Designer/Senior Inspector.</b> Daniel supported field verification of LCG’s TSI, design plans for adaptive signal control intersections, and integration when the system is completed.				
03/21 – Ongoing	<b>MovEBR, Contract for Signal Rebuild Phase 1, Group 3 Design Services Parish Synchronization &amp; Communication, Baton Rouge, LA   Designer/Senior Inspector.</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.				
03/21 – Ongoing	<b>MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization &amp; Communication, Baton Rouge, LA   Designer/Senior Inspector.</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.				
05/21 – Ongoing	<b>MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA   Senior Inspector.</b> Gresham Smith was selected to perform a traffic study and design of the pedestrian signal accommodations and crosswalks along Sherwood Forest Boulevard between South Harrell’s Ferry Road and Old Hammond Highway in support of the Sherwood Forest Boulevard Multi-Use Path design project. Design plans will be developed to add pedestrian signals to the existing traffic signals with the goal of upgrading existing intersections up to current ADA requirements for pedestrians.				
03/21 – 03/21	<b>MovEBR, Bluebonnet Boulevard Sidewalks (North Mall Dr. to Bluebonnet Centre Blvd.) City-Parish Project No. 20-EN-HC-0029, East Baton Rouge, LA   Senior Inspector.</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 is that it will bring this existing intersection up to current ADA requirements for pedestrians.				

## 16. Staff Experience:

Gresham Smith



**Rebecca Murray, P.E., PTOE, RSP1**  
Lead Traffic Engineer

 <div><b>Rebecca Murray, P.E., PTOE, RSP1</b> Lead Traffic Engineer</div>		Years of experience with this employer		6
		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. 3/31/24   PTOE 4861 / Exp. 3/26/26   RSP1 611 / Exp. 4/5/24		
Year registered		2019 (LA) 2020 (PTOE) 2021 (RSP1)	Discipline	P.E./Civil; PTOE; RSP1
Contract role(s) / brief description of responsibilities			Traffic/Safety Engineer / Rebecca will assist with the traffic and safety activities.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
10/16 – 03/17	LADOTD, SRTS/LRSP Task Order 2: McMillan Street Traffic Study, Monroe, LA   <i>Pre-Professional</i> . Rebecca’s role on the project was to review and analyze traffic count data, distribute trips throughout the study area, evaluate crash data and analyze proposed improvement alternatives.			
05/17 – 03/19	LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   <i>Pre-Professional</i> . Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, conduct a Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives and development of the report.			
07/18 – 12/21	LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   <i>Engineer</i> . 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 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 analyses to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), and we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed. Rebecca assisted with review of the count data, development of growth rates, crash data analysis, performed the existing and future traffic analysis, performed the safety effectiveness evaluation and developed the benefit-cost ratios for the alternatives.			
11/17 – 01/18	LADOTD, SRTS/LRSP Task Order 12: Constitution Drive Safety Study, West Monroe, LA   <i>Pre-Professional</i> . Rebecca’s role was to review traffic and crash data, perform traffic analysis, develop alternatives and the project report as well as assist with the design of pedestrian improvements and traffic signal plans			

05/17 – 01/19	<b>LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA   <i>Pre-Professional</i>.</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   <i>Pre-Professional</i>.</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   <i>Engineer</i>.</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   <i>Engineer</i>.</b> Gresham Smith was selected to perform a traffic study and design of the pedestrian signal accommodations and crosswalks along Sherwood Forest Boulevard between South Harrell's Ferry Road and Old Hammond Highway in support of the Sherwood Forest Boulevard Multi-Use Path design project. Design plans will be developed to add pedestrian signals to the existing traffic signals with the goal of upgrading existing intersections up to current ADA requirements for pedestrians.
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   <i>Lead Traffic Engineer</i>.</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.
05/21 – Ongoing	<b>MOVEBR, LA 30 (Nicholson Drive) Segment 2   <i>Lead Traffic Engineer</i>.</b> Gresham Smith is performing a traffic study for capacity improvements along Nicholson Drive in Baton Rouge, LA. The project includes data collection, safety analysis, and existing and future analysis. Rebecca's responsibilities for the traffic study included review of traffic count data, development of volumes, modeling the existing and proposed roadway networks using HCS software, crash analysis, alternative analysis and writing a report to summarize the findings. This project followed LADOTD's Traffic Engineering Process and Report guidelines.
10/22 – Ongoing	<b>MOVEBR, Airline Hwy, North (Florida Blvd - Interstate I-110)(HUVAL)   <i>Project Manager</i>.</b> Gresham Smith is performing a traffic study for US 61 (Airline Highway) from the Interstate-110 interchange to the Florida Boulevard interchange. The traffic study will evaluate the widening of US 61 from 2-lanes to 3-lanes in each direction in addition to other capacity, safety, and access management improvements that aim to maximize project benefits.
Certifications (See section 20)	<ul style="list-style-type: none"> <li>• Traffic Engineering Analysis Process &amp; Report – Modules 1, 2 and 3</li> <li>• American Traffic Safety Services Association – Traffic Control Technician, LA State Specific; Certified Flagger; Traffic Control Supervisor, LA State Specific</li> </ul>




## 16. Staff Experience:

Gresham Smith



**Zillah Zoleta, E.I.**  
Engineer Intern

	Zillah Zoleta, E.I. Engineer Intern		Years of experience with this employer		1
			Years of experience with other employer(s)		0
Degree(s) / Years / Specialization		Bachelor of Science / Civil Engineering / Louisiana State University			
Active registration number / state / expiration date		EI. 0035238 / LA / 3/31/2025			
Year registered		2022	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Engineer Intern / Zillah will support the Roadway team.		
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).				
09/21 – 03/22	<b>LADOTD, LRSP TO#2 - Bonner Street Pedestrian Improvements, Ruston, LA   <i>Engineer Intern</i>.</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 the end of the bridge. She captured and counted multi-directional data for each intersection.				
07/22 - Ongoing	<b>LADOTD, SRTPP Greenwell Springs &amp; Wooddale Sidewalks, Baton Rouge, LA   <i>Engineer Intern</i>.</b> Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Greenwell Springs and Wooddale Dr in Baton Rouge, LA. Zillah is responsible for development of typical section and plan profile sheets.				
08/22 – Ongoing	<b>City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA   <i>Engineer Intern</i>.</b> Gresham Smith is currently developing the preliminary 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 two-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, quantities and plan profile sheets.				
06/21 – Ongoing	<b>LADOTD, Complex Bridge Inspections Task Orders 3, 4, 5 and 6, Statewide, LA   <i>Engineer Intern</i>.</b> Zillah assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Zillah worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LA DOTD’s traffic control standards.				
06/21 – Ongoing	<b>EBR DTD, MoveBR-Plank Road Corridor Enhancement, Baton Rouge, LA   <i>Engineer Intern</i>.</b> This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah's responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.				



**16. Staff Experience:****Gresham Smith****Kofi Ampofo-Twumasi, E.I.**

Engineer Intern

**Years of experience with this employer**

1

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

0

Degree(s) / Years / Specialization		Master of Science / 2022 / Civil Engineering / University of Louisiana	
Active registration number / state / expiration date		N/A	
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.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
08/01 – 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.		
10/20 – Ongoing	Ascension Parish, TO #2-LA 621 Realignment Mitigation, Gonzales, LA   <i>Engineer Intern</i> . Gresham Smith is preparing and coordinating a traffic study to analyze existing and future conditions along LA 73 from the I-10 westbound terminal to near Norris Trail and LA 621 corridor from LA 73 to east of L Landy Rd to ensure that the mitigation of the realignment of LA 621 will cause no adverse effects to the study area.		
04/22 – Ongoing	MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA   <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

**Payton Nickles**

Professional

Years of experience with this employer

2

Years of experience with other employer(s)

0

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2021 / Civil Engineering, Louisiana State University		
<b>Active registration number / state / expiration date</b>	N/A		
<b>Year registered</b>	N/A	<b>Discipline</b>	Civil
<b>Contract role(s) / brief description of responsibilities</b>	Professional / Payton will support the roadway design and traffic teams.		
<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 time specified in the applicable MPR(s).</b>		
03/21 – Ongoing	<b>LADOTD, Complex Bridge Inspections Task Order 3, Statewide, LA   Professional.</b> Payton assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Projects included the Charenton Truss Swing Bridge in St. Mary’s Parish and the Jeanerette Truss Swing Bridge in Iberia Parish. Payton worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LA DOTD’s traffic control standards.		
03/21 – 04/21	<b>Edinburg Regional Medical Center, Traffic Impact Analysis, Edinburg, TX   Professional.</b> Payton assisted in the development of the traffic impact letter by performing analysis and preparing figures to support the traffic impact analysis for roadway expansion associated with the buildout of a regional medical center. Payton worked under the supervision of the lead traffic engineer to develop roadway capacity analysis and documentation of existing conditions to support the proposed roadway build outs.		
06/21 – Ongoing	<b>LADOTD, Present LADOTD, LRSP Task Order #1: Vernon and Sabine Signing &amp; Striping, LA   Professional.</b> This project includes preliminary and final design for proposed signing and striping improvements throughout several routes within Sabine and Vernon Parish. Payton is responsible for preparing the line diagrams for each of the routes. She is also responsible for importing aerial images and developing intersection detail sheets.		
06/21 – Ongoing	<b>EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA   Professional.</b> This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Payton’s responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.		

**16. Staff Experience:****Gresham Smith**

**Tait Karlson, P.E., PTOE**  
Senior Traffic Engineer


<b>Years of experience with this employer</b>		13
		6
<b>Degree(s) / Years / Specialization</b>		Master of Engineering / 2005 / Transportation Engineering, University of Florida Bachelor of Science / 2001 / University of Florida
<b>Active registration number / state / expiration date</b>		PE.0040438 / LA / Exp. 9/30/24   PTOE 3091 / Exp. 7/30/23
<b>Year registered</b>	2016 (LA) 2011 (PTOE)	<b>Discipline</b> P.E./Civil; PTOE
<b>Contract role(s) / brief description of responsibilities</b>		QA/QC / Tait will serve as Technical Advisor and QA/QC for this contract.
<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 time specified in the applicable MPR(s).</b>	
02/17 – 12/20	<b>LADOTD, SRTS/LRSP Task Order 6: Endom Bridge Preliminary and Final Design, West Monroe, LA   QA/QC.</b> Tait assisted with the development of the final report and performed QA/QC review.	
02/16 – 10/19	<b>LADOTD, SRTS/LRSP Task Order 2: McMillan Road Intersection Traffic Study, West Monroe, LA   QA/QC.</b> Tait assisted with the development of the final report and performed QA/QC review.	
05/18 – 12/21	<b>LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   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 was performed using mainly HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analyses to develop regional growth rates for the study area. 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. Tait assisted with the development of the final report and performed QA/QC review.	
05/17 – 03/19	<b>LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   QA/QC.</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. Tait assisted with the development of the final report and performed the QA/QC reviews.	
<b>Certifications (See section 20)</b>	<ul style="list-style-type: none"> <li>DOTD Traffic Engineering Analysis Process &amp; Report – Modules 1, 2, and 3</li> </ul>	

## 16. Staff Experience:

Gresham Smith



**Mario Dipola, P.E., PTOE, RSP1**  
Technical Advisor & QA/QC

	Mario Dipola, P.E., PTOE, RSP1 Technical Advisor & QA/QC		Years of experience with this firm/employer	2
			Years of experience with other firm(s)/employer(s)	13
Degree(s) / Years / Specialization		Master of Business Administration / 2013 / Business Administration, University of Florida Bachelor of Science / 2008 / Civil Engineering, University of Central Florida		
Active registration number / state / expiration date		PE. 76418 / FL / 2/28/2025   PTOE 4769 / Exp. 12/9/25   RSP2 113 / Exp. 3/25/25		
Year registered		2013	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities		Mario will serve as Technical Advisor and QA/QC.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
12/18 – 05/21 With Another Firm	FDOT D5, Safety D/W, FL   <b>Team Lead</b> . Mario provided traffic engineering services on three task work orders that consisted of intersection and safety studies throughout District 5.			
06/17 – 12/18 With FDOT	FDOT D2, District Safety Engineer, Jacksonville, FL   <b>District Safety Engineer</b> . Mario managed the District’s safety studies contract, the off-system safety program and the SRTS program.			
11/14 – 06/17 With FDOT	FDOT D2, Safety Program Engineer, Jacksonville, FL   <b>Safety Program Engineer</b> . Mario managed the Work Program for District 2’s Office of Safety, as well as the design-build pushbutton contract. He also assisted with Road Safety Audits and Safety Studies and participated in Technical Review Committees.			
12/18 – 05/21 With Another Firm	FDOT District 3, I-10 and I-110 Interchange, Pensacola, FL   <b>Lead Signing &amp; Pavement Marking Engineer, Project Manager</b> . Mario was the signing and pavement marking EOR for this project which implemented High Friction Surface Treatment (HFST) at the I-10 & I-110 interchange in District 3. Mario brought his Project Manager experience to this project, as he recently managed 5 overlapping contracts as D2 Safety Engineer.			
12/18 – 05/21 With Another Firm	FDOT D2, SR 152 (Baymeadows Rd) Turn Lane & Signals Project, Jacksonville, FL   <b>QC</b> . Mario assisted with design variation preparation and QC review on this project to enhance safety and efficiency at SR 152 (Baymeadows Road). The project included signal and turn lane design.			
Career	Mario has abundant experience specializing in project management and traffic operations. His technical work varies from pedestrian improvements to interstate reconstruction via multiple roles. He managed FDOT’s Value Engineering program in D1 (major projects) while he was PM for minor projects (resurfacing, traffic operations, safety, sidewalk). Mario has experience with Intersection Control Evaluation (ICE) analyses, benefit/cost studies, net present value analyses and other traffic and safety studies.			

## 16. Staff Experience:

Gresham Smith

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

Planning/Environmental

Years of experience with this firm/employer

10

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 Tennessee	
Active registration number / state / expiration date		PE.100962 / TN / 07/31/2023	
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:

Gresham Smith



**Greg Kern, AICP**  
Senior Transportation Planner


 <div><b>Greg Kern, AICP</b> Senior Transportation Planner</div>		<b>Years of experience with this firm/employer</b>		2
		<b>Years of experience with other firm(s)/employer(s)</b>		32
<b>Degree(s) / Years / Specialization</b>		Master of Business Administration / 1989 / University of Central Florida Bachelor of Arts / 1982 / Psychology & Neurophysiology/Economics / Princeton University		
<b>Active registration number / state / expiration date</b>		American Institute of Certified Planners (AICP), Credential ID 011506		
<b>Year registered</b>		N/A	<b>Discipline</b>	N/A
<b>Contract role(s) / brief description of responsibilities</b>			Senior Transportation Planner / Greg will assist with 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	Greg is a recognized expert in transportation and multimodal planning within Florida. As a senior transportation planner, he’s a natural communicator and stays well connected with local government and State agencies. His capabilities include PD&E/NEPA analyses, preliminary engineering, corridor feasibility studies, transit planning, public outreach and interagency coordination, land use analysis, ports planning, traffic impact studies and more. Covering multimodal and intermodal transportation initiatives, his expertise in providing integrated transportation and land use strategies benefits his clients in delivering successful projects.			
2022 – Ongoing	<b>City of Dallas, Bicycle Plan Update, Dallas, TX   <i>Project Professional</i>.</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.			
07/21 – 10/22	<b>Blueprint, Lake Jackson Greenway, Tallahassee, FL   <i>Planner</i>.</b> This project will develop a new greenway, trail, and bike route system connecting the Outstanding Florida Waterbody, Lake Jackson, with the heart of Tallahassee, including connections to Lake Jackson Mounds Archaeological State Park, Okeeheepkee Prairie Park, the Meginnis Arm paddle craft launch and parking area, Trousdell Pond, and Lake Ella.			
07/21 – 04/20	<b>City of Pigeon Forge, Greenway/Bikeway Master Plan, Pigeon Forge, TN   <i>Planner</i>.</b> Working with the City, Gresham Smith developed a plan that will serve as long-term blueprint for bicycle and pedestrian facilities in Pigeon Forge, focusing on improving connectivity, safe and comfortable crossings at key intersections, and regional connections to neighboring communities and recreational resources. The final recommendations leverage the city's existing assets to provide a citywide network of facilities for residents and visitors alike.			

## 16. Staff Experience:

Gresham Smith



**Drew Gaskins, AICP**  
Transportation Planner

	<b>Drew Gaskins, AICP</b> Transportation Planner		<b>Years of experience with this firm/employer</b>		10
			<b>Years of experience with other firm(s)/employer(s)</b>		2
<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).			
02/15 – Ongoing		<b>City of Goodlettsville, Goodlettsville Main Street Revitalization, Goodlettsville, TN   Planner.</b> Gresham Smith was retained by the City of Goodlettsville to help revitalize the downtown area along Main Street. The main goals of the project were to create a city center destination; improve traffic flow; make the corridor pedestrian friendly and ADA accessible; address parking for businesses; and improve the overall appearance by adding streetscaping and landscaping, and by reducing the visual clutter of overhead utilities. Streetscape elements include sidewalks, crosswalks, landscaped raised medians and decorative lighting. The NEPA document has been approved, and the project is in the design phase.			
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.			

## 16. Staff Experience:

Gresham Smith



**John Weres, P.E.**  
Structural Design Engineer

Years of experience with this employer

6

Years of experience with other employer(s)

37

Degree(s) / Years / Specialization		Bachelor of Science / 1980 / Civil Engineering, University of Pittsburgh	
Active registration number / state / expiration date		PE.0036429 / LA / Exp. 9/30/2023	
Year registered		2011 (LA) 1985 (PA)	Discipline P.E./Civil
Contract role(s) / brief description of responsibilities		Lead Structural Design Engineer / John will lead structural design 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).		
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.		
11/17 – 06/20	MDOT, MS-178 Benton County Bridges, Benton County, MS   <b>Lead Structure Engineer.</b> John served as the Lead Design Engineer for the final design of a 2-cell box culvert and two prestressed concrete girder structures in northern Mississippi. These water crossings improved the hydraulic conditions at the sites and incorporated low-maintenance details such as jointless bridges.		
07/18 – 06/21	MDOT, SR 149 Simpson County Bridge Replacements, MS   <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.**  
Structural Design Engineer

	Courtney Rome, P.E. Structural Design Engineer		Years of experience with this employer		5
			Years of experience with other employer(s)		7
Degree(s) / Years / Specialization			Bachelor of Science / 2009 / Civil Engineering, Southern University and A&M College		
Active registration number / state / expiration date			PE.0043355 / LA / Exp. 9/30/23		
Year registered			2019 (LA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities				Structural Design Engineer / Courtney will support structural design 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).			
05/19 – 04/22		LADOTD, Local Road Safety Program - West Feliciana Parish, LA   <b>Bridge Engineer</b> . Courtney provided recommendations for standard plans and details to be incorporated for the proposed bridge railing replacements. Courtney performed preliminary site inspection and ball bank testing. Courtney coordinated RFI and standard drawing modifications.			
04/20 – 08/20		LADOTD, Task Order 2, US 71 Spring Street Emergency Repairs, Shreveport, LA   <b>Design Engineer</b> . Following the train derailment that damaged the steel bent for the US 71 Spring Street Bridge, Gresham Smith was selected to evaluate the structure and design the emergency repairs. Courtney led the substructure design elements including the temporary shoring to support the railroad loads and for the crash wall and helical piles.			
06/19 – 06/20		MDOT, I-55 W Frontage Road (Southbound C-D Road over Soldier Colony Road) Bridge Preservation, Madison County, MS   <b>Bridge Engineer</b> . Courtney provided details for the end wall removal and the proposed new end wall at the bridge abutment. Joint repair details were provided as well. Courtney provided substructure loads to the geotechnical Engineer for foundation recommendations.			
11/17 – Ongoing		MDOT, SR 178 Benton County Bridge Replacements, MS   <b>Engineer</b> . Gresham Smith is providing final design (Phase B) services for the replacement of two water crossings on parallel alignment. Both bridges include utilization of prestressed Florida I-Beams (FIB) to maximize span lengths while minimizing structure depths. Courtney performed the deck design and beam design services for a one-span (135-foot) and three-span structure and also completed the design of pipe piles for the pier bents.			
07/18 – Ongoing		MDOT, MS-149 Simpson County Bridges, Simpson County, MS   <b>Bridge Engineer</b> . Courtney performed final design calculations including Leap Bridge Design for FIB girders for multiple span designs for two of the four bridges. Courtney prepared the bridge plan sheets for two structures including all deck, beams, and foundations. Courtney led Gresham Smith's development of design and details for MDOT's first use of partial depth concrete deck panels, to accelerate construction and improve safety.			
02/20 – 08/21		TDOT, Alcoa Greenway Bridges (City of Alcoa, TN)   <b>Bridge Engineer</b> . Courtney served as bridge designer for multiple structures including, conversion of an existing steel railroad trestle into a multi-use trail structure, construction of a new precast concrete arch structure on elevated retaining walls to carry the proposed trail over a new roadway, and the rehabilitation of two existing concrete arches to carry the trail over new roadways. These bridges included trail lighting, structure mounted poles and electrical services.			

## 16. Staff Experience:

Gresham Smith



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

Years of experience with this employer

2

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

B.S. Civil Engineering, Louisiana State University, 2021

Active registration number /  
state / expiration date

EI. 35058 / 09/30/2024

Year registered

N/A

Discipline

E.I.

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Jackson will support the bridge 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 years of experience specified in the applicable MPR(s).

06/21 – Ongoing

**LADOTD, Complex Bridge Inspections, Statewide, LA | Bridge Engineer Intern.** Task Order 6 - Retainer project for various movable bridge inspections. Jackson began his career assisting with site inspections of movable bridges including Bridge 009130, Charington Swing Bridge, Bridge 005860 Jeanerette Swing Bridge, and Bridge 003450 Boudreaux Canal. Following graduation from LSU, 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 – Ongoing

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

09/21 – 11/21

**MDOT, MS-493 Bridge Replacements, Lauderdale County, MS | Bridge Engineer Intern.** Jackson is assisting bridge services during construction (Phase C) work for the replacement of two stream crossing bridges in Lauderdale County, MS. The design includes a curved structure alignment and a sharply skewed bridge alignment. Modified FIB concrete beams, similar to DOTD’s LG-25 girders, were utilized to minimize the structure depth in order to meet hydraulic requirements.

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.

02/22 - Ongoing

**Florida DOT District 2, SR A1A Trail from Marineland to Fort Matanzas, St. Johns and Flagler Counties, FL | Bridge Engineer Intern.** Jackson is preparing bridge design CADD plans including the bridge typical section. This 2.7 mile trail project from Marineland to Ft. Matanzas includes an alignment study, trail design, drainage design, stormwater permitting, re-decking of two existing bridges to accommodate the new trail, 2000’ of retaining walls, coastal modeling, and public involvement.

## 16. Staff Experience:

Volkert, Inc.



**Randy Denmon, P.E., PLS**  
Topographic Survey and ROW Acquisition

**Years of experience with this employer** 26

**Years of experience with other employer(s)** 0

Degree(s) / Years / Specialization		Master of Science / 1996 / Civil Engineering Bachelor of Science / 1991 / Mathematics	
Active registration number / state / expiration date		PE.29390 / LA / Exp. 3/31/25   PLS 4798 / LA / 3/31/25	
Year registered		1996 (P.E.) 2001 (PLS)	Discipline P.E./Civil
Contract role(s) / brief description of responsibilities		Survey Manager / Randy will lead Volkert's survey team for the duration of this contract. He will fulfill Minimum Personnel Requirements #4.	
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	Randy has 26 years of experience in surveying and civil engineering for clients such as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, the NRCS, and many local governments. Randy has extensive experience with Trimble, Microstation and Bentley computer aided design software: and the LADOTD's Location and Survey Procedures for both topographic and right of way surveys. Randy's certifications include: ATSSA Certified Flagger		
07/22 – 01/23	IDIQ Contract for Design of Safety Projects, Statewide With Majority Of Work In Districts 04, 05 And 58. Contract No. 4400019871, LADOTD. Sub to Gresham Smith for Topographic and Right of Way Surveys. One Task Order Complete. Surveyor in charge of all survey work.		
12/21 – 01/23	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract, Region 3, LADOTD, State Contract No. 4400017069. Sub to Wood for topographic surveying on streams and bridges. Four Task Orders for \$1,426,244. Surveyor in charge of all survey work.		
04/08 – 01/23	Kansas Lane Connector, LADOTD. Engineer of record for all design work to include geometric design, drainage and final plans for approximately 3 miles of new urban 4 and 5 lane roadway. Construction Cost Estimate: \$43,000,000. H.007289		
01/17 – 09/21	Retainer Contract for Safe Routes to Schools (Srts) and Local Road Safety Program (LRSP), LADOTD. Contract No. 4400005894. Complete topographic and right of way surveys for six projects. Surveyor in charge of all survey work.		
01/00 – 04/08	Jct. US 84 - Jct. LA 126; Route LA 34; Winn Parish; SPN 700-64-0102; FAP No. STP-591-1(008), LADOTD. Design, and Topographic and R-O-W surveys for the relocation and reconstruction of approximately 11 miles of rural state HWY 34. Engineer and surveyor on the project.		
03/09 – 04/11	Oliver Road Widening, SPN 742-37-0019, ARR 3709(504), LADOTD. Widening and reconstruction of 1 mile of urban road from 2 land to 3 lanes. Engineer of record and surveyor in charge of topographic and right of way surveying.		
11/19 – 10/20	LA 3249: Roundabout @ I-20/Well Rd., Ouachita Parish, LA, LADOTD. Project Engineer. Design of roundabout on LA 3249 within existing right-of-way. Project included five lane to two lane concrete roundabout with sub-surface drainage and concrete on/off ramps with sub-surface drainage. Work included: design drainage, geometric design, joint layout, typical sections, marking plans, preliminary and final plans. quantity calculations and cost estimates.		

01/12 – 11/18	<b>Flood Control Improvements to the Rochelle St., Roselawn St. &amp; 11th Area Of Monroe, LADOTD.</b> Project included all surveying, environmental permitting, H&H Modeling with HEC- HMS and HEC-RAS, Final Plans, Bidding and Construction Inspection. Project included new 6-acre retention pond and modifications to the existing Rochelle St. Pump Station. Project Cost: \$2,153,000. Project funded through the LADOTD's Statewide Flood Control Program.
03/01 – 04/16	<b>Fink's Hide-A-Way Road Project Number: SPN 700-24-0087, FAP 8456 (002), LADOTD. Project Engineer.</b> Widening approximately 2 miles of Finks Hide-A-Way road in Ouachita Parish to three/five lane undivided roadway with underground drainage. Prime Engineer in charge of roadway design for the entire project. Project included concrete roadway, curb and gutter, and underground drainage. Work included: drainage design, geometric design, typical sections, preliminary and final plans, quantity calculations and cost estimates.
11/10 – 08/13	<b>Bundick's Creek Lake Upgrades, Deridder, LA - SP No. 750-06-01, LADOTD. Project Manager.</b> Final Design and permitting of new, 100' concrete crest gate spillway for the LADOTD. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, mechanical and electrical engineering, surveying and mapping, CAD, and cost estimating is required. Design work completed with Bentley's Microstation software. Project Cost: \$ 6,100,000.
11/10v04/12	<b>Reconstruction of Cane River Lake Spillway, SPN: 50-NJX-07-01, Natchitoches Parish, LA, LADOTD. Project Manager.</b> Work included design and construction of coffer dams, removal and replacement of spillway gates, and epoxy grout treatment of concrete spillway. Work included civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$300,000.
06/05 – 08/10	<b>State Wide Dam Breach Analysis (Louisiana) - SPN 750-99-0128 &amp; 750-99-132, LADOTD. Project Manager.</b> Work included Dam Breach Analysis and Emergency Action Plans on 24 dams maintained by the LADOTD. Work included downstream creek, downstream bridge, and dam surveys; construction of a HEC-RAS computer model to model a dam breach on each site under maximum storage conditions, and a final report that: detailed all work completed, model analysis and results, inundation mapping with Microstation Software, and recommendations for hazard classifications of said dams. Design work included hydraulic and hydrologic modeling, surveying and mapping, and CAD. Engineering Fee: \$1,050,697.
06/08 – 03/10	<b>Drainage Improvements, Franklin Farm Megasite, SPN 05-252-06-14, Richland Parish, LA, Louisiana Department of Economic Development. Project Manager.</b> Work included 100 and 500 year flood determination and mapping, topographic surveying, environmental permitting, and design for the relocation of approximately 1.5 miles of local bayous, utility relocations, and drainage structures for the Louisiana Dept. of Economic Development. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$1,100,000.
02/03 – 03/09	<b>Cross Lake Dam, Stability Analysis and EAP, Caddo Parish, LA, City of Shreveport. Project Manager.</b> Emergency Action Plan and final design, bidding and award for the clearing and grubbing of the dam; detailed field surveys, analysis of the dam that included 26 boring, lab analysis, the installation of 6 piezometers, stability analysis, through seepage analysis, and under seepage analysis; and recommendations for corrective measures for the dam. Project Cost: \$250,000.

**16. Staff Experience:****Volkert, Inc.****Steven Lengefeld**

Survey Supervisor

**Years of experience with this employer**

26

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

2

Degree(s) / Years / Specialization	Certificate / 1992 / Drafting & Design Technology		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	Supervisor - Other
Contract role(s) / brief description of responsibilities		Survey Supervisor / Steven will perform Survey / Instrument Man services for the duration of this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
Career	Steven serves as the Survey Manager for Volkert’s Monroe, Louisiana office. For the past 25 years, Steven has been actively engaged in the field of survey. He does the processing of survey data, cost estimates, & drafting, especially as it relates to property plats, easements and right of ways. Steven has used several Cad platforms and various design packages, such as Microstation V8i, Autocad 2018, Inroads V8i, Softdesk & Civil 3D and Trimble software to process survey data and produce property plats and other drawings as it pertains to survey. Steven also writes legals for property plats. He works with the project managers and engineers to provide quality survey needed for their projects. Steven’s responsibilities include preparation of preliminary and final plats and legals. He manages the scheduling of three survey crews and does all the purchasing of equipment and survey supplies. Steven is in contact with clients as it relates to surveying and communicates with each survey crew on a daily basis for direction of each day. Steven's certifications include: ATSSA Traffic Control Supervisor and ATSSA Certified Flagger		
07/17 – 09/18	Safe Routes To Schools and Local Road Safety Program, LADOTD. Courtney served as Survey Supervisor. Surveying and CE&I on six safe roads projects in North Louisiana.		
2014 – 2021	NRCS Conservation Easements. Worked on several NRCS projects throughout North and central Louisiana. His work included courthouse research, managing and directing the survey crew in topographic and boundary survey work on site, processing survey data, creating drawings into property and boundary plats, writing legals and being in communication with property owners as it relates to the progress of each survey.		
2014 – Ongoing	Atmos Energy. Work directly with Atmos Energy on several projects across North Louisiana. These projects include topographic survey, layout of gas lines and right of ways, property plats and legals for above ground right of way and below ground right of way and easements.		
2016 – 2018	Bossier Parish Proposed Street Improvements – Disaster Relief – 2016 Flood Event. Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, using Microstation V8I, Autocad 2018 & Civil Packages. Directed the survey crew in getting topographic survey needed for engineers.		

## 16. Staff Experience:

## Volkert, Inc.

**Bryan Ardoin**

Party Chief

Years of experience with this employer

11

Years of experience with other employer(s)

1

Degree(s) / Years / Specialization	N/A		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	Party Chief
Contract role(s) / brief description of responsibilities	Party Chief / Bryan will perform Party Chief services for the duration of this project.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/17 – 08/18	<b>Safe Routes To Schools and Local Road Safety Program, LADOTD.</b> Surveyor, Project Manager for six striping and sidewalk projects. Surveying and CE&I on six safe roads projects in North Louisiana.		
01/16 – 08/20	<b>Kansas Lane Extension, 700-37-0125,</b> Surveyor for Preliminary and Final design of 3.7 miles of new four/five lane divided and undivided roadway from US 165 to US Highway 80. Volkert was the Prime Engineer in charge of roadway design for the entire project. Project included five lane concrete roadway with sub-surface drainage and four lane asphaltic concrete rural roadway with open ditches. Work included: drainage design, geometric design, typical sections, preliminary and final plans, quantity calculations and cost estimates. Project Cost: \$33,000,000.		
02/15 – 08/20	<b>Red Chute Levee, S.P. No. H.011353.</b> Surveyor for final design and right of way maps to widen 7 miles of levee on Red Chute Bayou.		
2/15 – 08/20	<b>NRCS Wetland Restoration Program, Right of Way surveys.</b> Bryan serves as Party Chief.		
01/23 – Ongoing	<b>City of Winnsboro Industrial Park Site. Topographic Survey.</b> Bryan serves as Party Chief.		
2014 – Ongoing	<b>Atmos Energy. Work directly with Atmos Energy on several projects across North Louisiana.</b> These projects include topographic survey, layout of gas lines and right of ways, property plats and legals for above ground right of way and below ground right of way and easements.		
08/22 – Ongoing	<b>LWI Region 3. Surveying of structures and cross sections in Northeast Louisiana.</b> Bryan serves as Party Chief.		

## 16. Staff Experience:

Volkert, Inc.

**Brice Wolleson**

Rodman

Years of experience with this employer &lt;1

Years of experience with other employer(s) &lt;1

Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered		N/A	Discipline Rodman
Contract role(s) / brief description of responsibilities		Rodman / Brice perform Rod Person services for the duration of this project.	
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 – Present	LADOTD LWI Region 3 Watershed Project. Rod Person for stream and bridge surveys with C4G control for the construction of HEC-RAS Models. Sub-Contractor to Wood, Inc.		
09/22 – Present	Atmos Gas Layout – Rod Person for right of way and topographic surveys for gas line relocations for various Atmos projects throughout Northeast Louisiana. Atmos Energy – Mr. Bobby Mobley, Mr. Arshield Carey.		

**16. Staff Experience:****Volkert, Inc.****Josh Talley**

Instrument Man

**Years of experience with this employer**

&lt;1

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

18

<b>Degree(s) / Years / Specialization</b>	N/A		
<b>Active registration number / state / expiration date</b>	N/A		
<b>Year registered</b>	N/A	<b>Discipline</b>	Instrument Man
<b>Contract role(s) / brief description of responsibilities</b>	Instrument Man / Josh will perform Instrument Man services for the duration of this project.		
<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 time specified in the applicable MPR(s).</b>		
03/23 – Ongoing	<b>Atmos Gas Layout</b> – Rod Man for Right-of-Way and topographic surveys for gas line relocations for various Atmos Projects throughout Northeast Louisiana. Atmos Energy – Mr. Bobby Mobley, Mr. Arshield Carey.		
03/23 – Ongoing	<b>Louisiana Levee District</b> – Item 368-R Levee survey. Rod Man for boundary and topographic survey in Tensas Parish, La. Fifth Louisiana Levee District – Jason Trichell		
03/23 – Ongoing	<b>Louisiana Tech University</b> - Track and Tennis Court Area. Rod Man for topographic survey of the Track and Tennis Court areas at Louisiana Tech University.		
Prior to Joining Volkert 05/05 – 03/23	<b>John B. Talley 3rd &amp; Associates Land Surveying Company.</b> Party Chief for various boundary and topographic surveys for new and existing developments. John B. Talley 3rd & Associates Land Surveying Company		



**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

<b>Ralph Burgess, PLS</b> Topographic Survey		<b>Years of experience with this employer</b>		12
		<b>Years of experience with other employer(s)</b>		12
<b>Degree(s) / Years / Specialization</b>		BS Industrial Design & Supervision 2004 / Southeastern LA University		
<b>Active registration number / state / expiration date</b>		PLS 5040 / Louisiana / 09/30/24		
<b>Year registered</b>		2010	<b>Discipline</b>	Professional Land Surveyor
<b>Contract role(s) / brief description of responsibilities</b>			Ralph will serve as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Ralph has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
<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>			
10/20 – 01/21	<b>H014302 US 165 Lighting, Monroe, LA:</b> Ralph served as the Survey Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			
09/21 – 03/22	<b>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</b> Ralph was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Ralph worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.			
08/21 – Ongoing	<b>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</b> Ralph was the Survey Manager for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.			
7/17-12/18	<b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.			
03/22 – 09/22	<b>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</b> Ralph served as Survey Manager. CD&C completed a topographic survey. The survey used 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that			

	survey crews could collect data and incorporate for the submittal up to QLD Level B, however an official SUE submittal was not required of this project. Final submittal complied with latest LADOTD Location and Survey standards.
07/20 – 04/21	<b>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</b> Ralph was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18 - 01/20	<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> . Burgess was the Surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
7/17-12/18	<b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	<b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	<b>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I-10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16-12/17	<b>H.011235 I-49 South at Verot School Road, Lafayette, LA:</b> Ralph served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	<b>H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.

**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

Chris Ballard, PLS Topographic Survey		Years of experience with this employer		8
		Years of experience with other employer(s)		19
Degree(s) / Years / Specialization		Bachelor of Science / 2004 / Biological Science, Southeastern University		
Active registration number / state / expiration date		PLS 5033 / Louisiana / 09/30/24		
Year registered		2010	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities			Chris will serve as the Surveyor for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Chris has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/18-01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Chris is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
04/17-07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Chris served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.			
02/19-09/19	Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA: Chris is serving as Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of two bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.			
01/17-12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA: In 2017, CD&C performed topographic surveys for at least four Bridge Replacement Projects throughout East Baton Rouge Parish. Chris served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.			

10/16 - 11/16	<b>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</b> Chris served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, <b>3D Terrestrial Scanning</b> was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than three weeks.
09/17 - 09/17	<b>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</b> Chris served as a Survey Project Manager for this project which included five bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, two bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US 190 one was surveyed utilizing <b>3D Terrestrial Scanning</b> .
10/15 - 12/18	<b>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</b> Chris served as the Survey Project Manager on this project which is a six-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	<b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Chris served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	<b>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</b> Chris served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	<b>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</b> Chris worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	<b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Chris served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with <b>3D terrestrial scanning</b> .

**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

<b>Madison Mills, PLS</b> Land Surveyor			<b>Years of experience with this employer</b>	1+
			<b>Years of experience with other employer(s)</b>	4
<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2016 / Civil Engineering			
<b>Active registration number / state / expiration date</b>	PLS.5293 / Louisiana / 03/31/2025			
<b>Year registered</b>	2022	<b>Discipline</b>	Professional Land Surveyor	
<b>Contract role(s) / brief description of responsibilities</b>		Madison recently became license as a Professional Land Surveyor. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.		
<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>			
08/22 – Ongoing	<b>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:</b> Madison is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.			
01/22 – 11/22	<b>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:</b> Madison is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.			
09/21 – 03/22	<b>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</b> Madison served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.			
08/21 – Ongoing	<b>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</b> Madison served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.			
03/22 – 09/22	<b>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</b> Madison served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.			

02/21 – 07/22	<b>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	<b>H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 – 07/22	<b>H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	<b>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	<b>H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	<b>H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:</b> Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

<b>Scott Benton</b>			<b>Years of experience with this employer</b>		6
Senior Technician			<b>Years of experience with other employer(s)</b>		5
<b>Degree(s) / Years / Specialization</b>		N/A			
<b>Active registration number / state / expiration date</b>		ATSSA Traffic Control Supervisor, Technician & Flagger			
<b>Year registered</b>		N/A	<b>Discipline</b>	N/A	
<b>Contract role(s) / brief description of responsibilities</b>			Scott serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.		
<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>				
10/20 – 01/21	<b>H014302 US 165 Lighting, Monroe, LA:</b> Mr. Benton served as the firm’s lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.				
12/19 – 01/2020	<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> Scott served as a #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.				
03/14 – 06/14	<b>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</b> Scott served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.				
05/13 – 07/13	<b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> Scott served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.				
02/13 – 06/13	<b>H.005693 LA 447, Walker, LA:</b> Scott served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C’s responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.				
10/14 – 12/14	<b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> Scott served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.				
07/14 – 10/15	<b>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</b> Scott served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.				



**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

<b>Philip Dupree</b> Survey Party Chief			<b>Years of experience with this employer</b>		11
			<b>Years of experience with other employer(s)</b>		30
<b>Degree(s) / Years / Specialization</b>		N/A			
<b>Active registration number / state / expiration date</b>		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor			
<b>Year registered</b>		N/A	<b>Discipline</b>	N/A	
<b>Contract role(s) / brief description of responsibilities</b>			Philip is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		
<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>				
07/20–04/21	<b>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</b> Philip was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.				
01/18-02/20	<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> Philip is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.				
07/17-12/18	<b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Philip is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.				
10/15-12/18	<b>H.011235 I-49 South at Verot School Road, Lafayette, LA:</b> Philip served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Philip was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.				
01/16-08/16	<b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Philip served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.				
10/16-11/16	<b>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</b> Philip served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer’s design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.				



07/14-10/15	<b>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</b> Philip served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	<b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> Philip served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	<b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<b>H.010620 I-49 Design-Build:</b> Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Philip also was the lead Party Chief for the property surveys on this project.

**16. Staff Experience:****Civil Design & Construction, Inc. (CD&C)**

<b>Jacob Stoehr</b> Survey Party Chief			<b>Years of experience with this employer</b>		8
			<b>Years of experience with other employer(s)</b>		1.5
<b>Degree(s) / Years / Specialization</b>		N/A			
<b>Active registration number / state / expiration date</b>		ATSSA Traffic Control Supervisor, Technician & Flagger			
<b>Year registered</b>		N/A	<b>Discipline</b>	N/A	
<b>Contract role(s) / brief description of responsibilities</b>			Jacob will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		
<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>				
01/18-01/20	<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> Jacob served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.				
07/17-12/18	<b>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				
08/16-01/18	<b>H.011235 I-49 Verot School Road, Lafayette, LA:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				
05/17-07/17	<b>H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				
01/16 – 08/16	<b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				
10/15 – 12/18	<b>H.003184.5 I-10 Texas State Line East of Coone Gully:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				
10/16 – 11/16	<b>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</b> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.				

## H.012297-1 Before and After



24-102  
**Section 17**

**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Discipline(s)*		Other (LRSP/SRTPPP Designs) / Road / Traffic	
SRTS/LRSP Task Order #6 and #21: Endom Bridge				Firm responsibility (prime or sub?)	Prime
Project number	H.012279; H.012279.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	West Monroe, Louisiana	Owner's Project Manager		Laura Riggs, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / laura.riggs@la.gov				
Services commenced by this firm (mm/yy)		12/17	Total consultant contract cost (\$1,000's)		\$251
Services completed by this firm (mm/yy)		12/20	Cost of consultant services provided by this firm (\$1,000's)		\$222

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

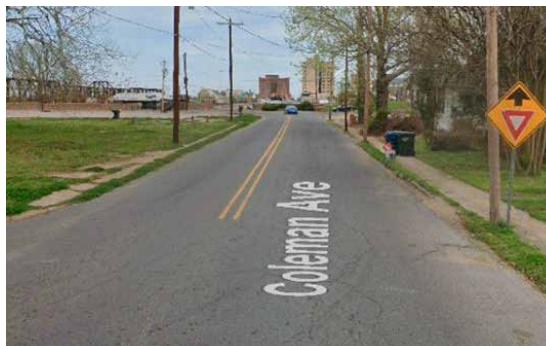
As part of LADOTD's Local Road Safety Program (LRSP) retainer contract, Gresham Smith was tasked to develop operational and safety improvements at the west approach to the Endom Bridge located in West Monroe, Ouachita Parish. After a technical review of this intersection, Gresham Smith was selected to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

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

Gresham Smith's responsibilities were to oversee the topographic survey, coordinate with the local municipality, develop preliminary and final design plans to realign the intersection, right-of-way maps, specifications and construction cost estimates. This project was let for construction on December 9, 2020 with the apparent low bid only 5.14% over the estimate. Construction finished in early 2023.

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

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



Before



After

**Project Highlights**

- Milling Asphalt Pavement
- Traffic Maintenance
- Intersection Realignment
- Subsurface Drainage Design
- Truck Island Design
- Improved sight distance and safety
- Construction sequencing and detours



**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Discipline(s)*		Other (LRSP/SRTPPP Designs) / Road / Traffic	
LRSP McMillan at Blanchard Traffic Study & Design				Firm responsibility (prime or sub?)	Prime
Project number	H.012297.5, H.012297	Owner's name	Louisiana Department of Transportation and Development		
Project location	West Monroe, Louisiana	Owner's Project Manager		Laura Riggs	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / laura.riggs@la.gov				
Services commenced by this firm (mm/yy)		02/17	Total consultant contract cost (\$1,000's)		\$133
Services completed by this firm (mm/yy)		06/19	Cost of consultant services provided by this firm (\$1,000's)		\$133

**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 prepare and coordinate a formal traffic study of the intersection of McMillan Street and Blanchard Street in West Monroe, Louisiana. The objectives of the study were to analyze the existing traffic conditions at the intersection and develop design concepts and alternatives that would improve the safety and efficiency of the intersection for both pedestrians and vehicles.

Following acceptance of the study, LADOTD contracted with Gresham Smith to prepare topographic survey, preliminary and final design plans, specifications and opinions of estimated construction costs for improvements recommended in the traffic study Gresham Smith previously performed. The project included the design of the following improvements:

A new traffic signal at the McMillan Road at Blanchard Street intersection with pedestrian signal heads, pedestrian push buttons and ADA compliant crosswalks. Realignment of the curb line on the northwest side of the intersection of McMillan Road at Bell Lane, install an ADA-compliant crosswalk, relocate the stop bar and stop sign to improve sight distance for southbound traffic and restripe the eastbound approach to include an exclusive left turn storage lane.

Replacement of the existing striping on McMillan Road from 400 feet west of the intersection of Bell Lane up to the stop bar on the eastbound approach of McMillan Road at Thomas Road, including 250 feet from McMillan Road on Bell Lane and Blanchard Street. Back-to-back rollover curbing between opposing travel lanes along McMillan Road approaching Thomas Road from the west.

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

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



*McMillan Road Improvements at Bell Lane Approach*

**17. Firm Experience:****Gresham Smith****Past Performance Evaluation Category(ies)\*** | Other (LRSP/SRTPPP Designs) / Road**LADOTD, SRTS/LRSP Task Order #2 Bonner Street Design****Firm responsibility (prime or sub?)**

Prime

Project number	H.013720	Owner's name	Louisiana Department of Transportation and Development	
Project location	Ruston, LA	Owner's Project Manager		Mark Morvant
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1205 / mark.morvant@la.gov			
Services commenced by this firm (mm/yy)		9/21	Total consultant contract cost (\$1,000's)	\$154
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$144

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

LADOTD initially contracted with Gresham Smith to prepare and coordinate a design study report which presents a project scope, progress schedule and preliminary cost estimate for engineering and construction of curbing, bulb-outs, pavement markings, signs, walkway lighting, and other safety enhancements at the Bonner Street Bridge in downtown Ruston, Louisiana. Subsequently, a design project was initiated which included the following engineering services: topographic surveying along with the preparation of preliminary and final plans and cost estimates. A submittal was made at 60% preliminary plans which included proposed drainage design and geometric layout. 95% preliminary plans have been submitted, followed by a plan-in-hand meeting in which all relevant parties could provide comments.

The scope of this project is to build curb extensions at the intersections north and south of the Bonner Street bridge to provide shelter for the pedestrians and to improve the safety and operation of the intersections, as the existing roadway is very wide. Pedestrian lighting shall be installed to illuminate the bridge walkways, and rectangular rapid flashing beacons will be included to alert motorists of the crossing conditions. This project is currently in final design.

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

**Firm members involved include:** Ronnie Robinson, Brennon Hughes, Bert Moore, Rebecca Murray, Zillah Zoletta, Daniel Knott and Richard Savoie.



**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Category(ies)*		Other (LRSP/SRTPPP Designs) / Road	
SRTS/LRSP Task Orders #14: Farmerville Sidewalk Design				Firm responsibility (prime or sub?)	Prime
Project number	H. 013079.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	Farmerville, Louisiana	Owner's Project Manager		Mark Morvant	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1205 / mark.morvant@la.gov				
Services commenced by this firm (mm/yy)		04/18	Total consultant contract cost (\$1,000's)		\$157
Services completed by this firm (mm/yy)		10/19	Cost of consultant services provided by this firm (\$1,000's)		\$113

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

LADOTD initially contracted with Gresham Smith to prepare and coordinate a design study report which presents a project scope, progress schedule and preliminary cost estimate for engineering and construction of sidewalks and other ADA compliant safety enhancements in the vicinities of the Library and downtown Farmerville, Louisiana. Subsequently, a design project was initiated which included the following engineering services: topographic surveying, right-of-way locating, the preparation of cost estimates, and construction plans. A submittal was made at 95% preliminary plans, followed by a plan-in-hand meeting in which all relevant parties could provide comments, which were incorporated into Final Design.

#### Project Highlights

- Project Management
- Sidewalk Design
- Driveway Access Management
- Signing & Pavement Markings
- Drainage Design



The scope of this project was to develop design plans that will remove existing sidewalks that are in poor condition and the installation of new concrete sidewalks from the Union Parish Library to the Union Parish Junior High School and the Union Parish High School. This project connects to major areas of commerce, governmental buildings including the Town Hall and the Union Parish Courthouse, library, shopping, restaurants, etc. It will connect this portion of town to an existing project that the Town of Farmerville is currently designing to enhance the appearance of the downtown area adding accessible walkways with lighting that will make the downtown area more attractive for visitors and residents as well as making more areas available for walking for health. This includes topographic survey, preliminary and final design plans, and construction cost estimates for over 4,000 linear feet of new sidewalks.

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

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

**17. Firm Experience:**

Gresham Smith		Past Performance Evaluation Category(ies)*		Other (LRSP/SRTPPP Designs) / Road	
SRTS/LRSP Task Order #16: Tangipahoa Striping Design				Firm responsibility (prime or sub?)	Prime
Project number	H.013271.5-2	Owner's name	Louisiana Department of Transportation and Development		
Project location	Tangipahoa Parish, Louisiana	Owner's Project Manager		Laura Riggs	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / laura.riggs@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)		\$151
Services completed by this firm (mm/yy)		04/21	Cost of consultant services provided by this firm (\$1,000's)		\$151

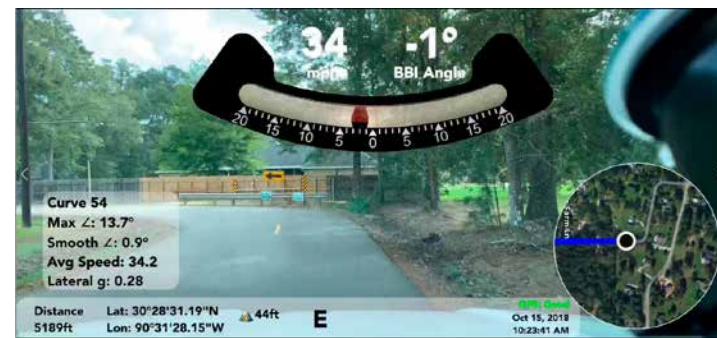
**Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)**

Gresham Smith provided engineering and related services in connection with the development of Preliminary and Final Plans for the installation of signing, striping, pavement markings and related work on local roads in Tangipahoa Parish, Louisiana. The purpose of this project was to provide low cost safety measures at selected high risk locations as determined by the local entity.

This project included documentation of existing roadway conditions, including ballbank testing along 39 routes consisting of over 96 miles of roadway throughout Tangipahoa Parish, Louisiana. It involved analysis of existing conditions, using both the MUTCD in conjunction with LADOTD PM Standards to design signing and striping improvements. After submittal of 95% preliminary plans, a plan in hand meeting was held in which all relevant parties could make comments. The project was let in April 2020.

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

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



*Ball-Bank Analysis – General Ott Road – Hammond, LA*

### Project Highlights

- Ball-Bank Analysis
- Preparation of Design Report
- Constructability/Biddability Review
- Plan-in-Hand Site Inspection
- Construction Cost Estimates



**17. Firm Experience:**

Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Survey
US 190 Superstreet				Firm responsibility (prime or sub?)	Sub
Project number	H.005733.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802 / 225.379.1123 / josh.harrouch@la.gov				
Services commenced by this firm (mm/yy)		01/16	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)		08/16	Cost of consultant services provided by this firm (\$1,000's)		\$207

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

**Project Description:** This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.



**CD&C's Role:** CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. The width of the survey and DTM extended from the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. 3D Terrestrial Scanning was used in conjunction with traditional means and methods to complete this project.

**Members Involved:** Ralph Burgess, PLS, Survey Manager; Christopher Ballard, PLS Survey Project Manager; Philip Dupree, Party Chief;

**Performed in LA: 100%**

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

**17. Firm Experience:**

Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Survey
I-10: LA 415 to Essen Lane on I-10 and I-12				Firm responsibility (prime or sub?)	Sub
Project number	H.004100	Owner's name	Louisiana Department of Transportation and Development		
Project location	West and East Baton Rouge Parish, LA		Owner's Project Manager	Nicholas Olivier	
Owner's address, phone, email		1201 Capital Access Road, Baton Rouge, LA 70802 / 225.379.1133 / nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)		01/18	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)		1/20	Cost of consultant services provided by this firm (\$1,000's)		\$296

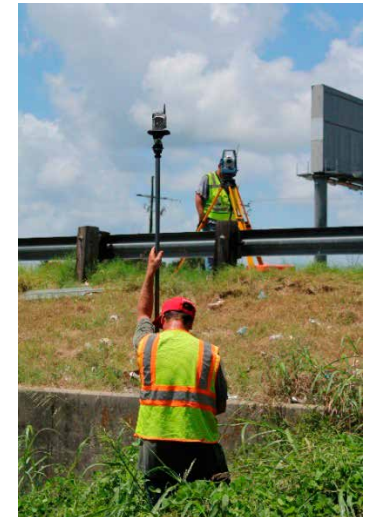
**Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation discipline(s) this project is being used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

**Project Description:** This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, Louisiana. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits.

**CD&C's Role:** CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. **This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.**

**Members Involved:** Ralph Burgess, PLS, Christopher Ballard, PLS; Phil Dupree, Party Chief;

**Performed in LA:** 100%



**17. Firm Experience:**

Civil Design & Construction, Inc.		Past Performance Evaluation Discipline(s)*		Survey
Verot School Road			Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	Louisiana Department of Transportation and Development	
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle	
Owner's address, phone, email	922 W. Pont Des Mouton Rd., Lafayette, LA 70507 / 337.234.3798 / tgattle@huvalassoc.com			
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost (\$1,000's)	N/A	
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm (\$1,000's)	\$435	

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

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



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

**Members Involved:** Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Phil Dupree, Party Chief.

**Performed in LA: 100%**

**17. Firm Experience:**

<b>Volkert, Inc.</b>		<b>Past Performance Evaluation Category(ies)*</b>   Survey	
<b>IDIQ Contract For Design Of Safety Projects Statewide With Majority Of Work In Districts 04, 05 and 58</b>			<b>Firm responsibility (prime or sub?)</b> Subconsultant
<b>Project number</b>	4400019871	<b>Owner's name</b>	Louisiana Department of Transportation and Development
<b>Project location</b>	Districts 04, 05 and 5	<b>Owner's Project Manager</b>	Mark J. Morvant, P.E.
<b>Owner's address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1205 / mark.morvant@la.gov		
<b>Services commenced by this firm (mm/yy)</b>	01/17	<b>Total consultant contract cost (\$1,000's)</b>	\$1,500
<b>Services completed by this firm (mm/yy)</b>	09/21	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$145

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

Project included topographic and right of way surveys for seven different public safety roadway projects: 1) Jack Hayes and Shady Grove Schools (Ouachita Parish), 2. Endom Bridge Approaches (Ouachita Parish), 3. Farmville Sidewalks (Union Parish), 4, Desiard St. (Ouachita Parish), 5. McMillian St. (Ouachita Parish), 6. West Monroe Schools, (Ouachita Parish), and 7. Bonner St. Bridge (Lincoln Parish). All work completed in accordance with the LADOTD Location and Survey manual.

Work included topographic and right of way surveying for DOTD safety projects. All survey work in accordance with LADOTD Location and Survey Guidelines.

**Firm members involved include:** Randy Denmon, P.E., PLS, Steven Lengefeld, Bryan Ardoin





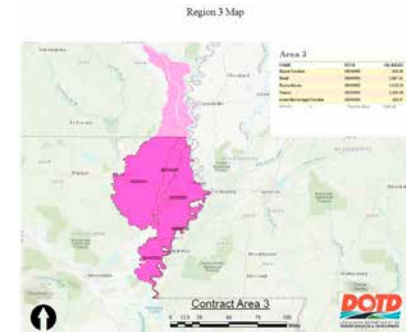
**17. Firm Experience:**

Volkert, Inc.		Past Performance Evaluation Category(ies)*		Survey	
Louisiana Watershed Initiative (LWI) Modeling Contract, Region No. 2 & 3				Firm responsibility (prime or sub?)	Subconsultant
Project number	4400019871	Owner's name	Louisiana Department of Transportation and Development		
Project location	Contract No. 4400017068 - Region 2 Contract No. 4400017069 - Region 3	Owner's Project Manager		Pat Landry, Deputy Assistant Secretary	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.3010 / patrick.landry@la.gov				
Services commenced by this firm (mm/yy)		11/20	Total consultant contract cost (\$1,000's)		Region 2 = \$268,513 Region 3 = \$1,240,000
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		Region 2 = \$268,513 Region 3 = \$1,240,000

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

The Louisiana Watershed Initiative Modeling is a project to develop a HEC based model to address stormwater flooding impacts in response to the 2016 Floods. The analysis focuses on developing models for every USGS Hydraulic Unit Code (HUC) level 8 watershed in the state. Tasks for the project include surveying of channel transects, collection of LiDAR at engineered structures (e.g., bridges, culverts, dams, levees, etc.), HEC-RAS modeling of channel flow, HEC-HMS modeling of surface rainfall and flow to channel cross-sections, and HEC-DSS modeling to understand financial impact of flooding. Volkert is a subconsultant on the teams in Region 2 and 3 for this project. In Region 2, Volkert is providing Quality Assurance / Quality Control (QA/QC) during numerical modeling development and leading public outreach and engagement. In Region 3, Volkert is a subconsultant leading topographic and LiDAR surveying efforts and completing HEC model QA/QC. As part of QA/QC, Volkert is reviewing all numerical modeling results for consistency of model development, identifying model errors (e.g., leaking at boundary conditions), and ensuring that naming nomenclature meets project requirements. Outreach and engagement include assisting with coordination of Regional Watershed meetings, as necessary, and planning, organizing, and running public meetings to improve communication, engagement, and ensure all comments are addressed. Volkert is also surveying watershed locations within Region 3 to fill in numerical model data gaps. These include topographic surveys of flow channel cross-sections and LiDAR of hydraulic structures including bridges, culverts, levees, etc.

**Firm members involved include:** Randy Denmon, P.E.



**17. Firm Experience:**

Volkert, Inc.		Past Performance Evaluation Category(ies)*		Survey, CE&I/OV	
Safe Routes To Schools and Local Road Safety Program				Firm responsibility (prime or sub?)	Subconsultant
Project number	4400005894	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA	Owner's Project Manager		Brian Parsons	
Owner's address, phone, email	P.O. Box 94245 Baton Rouge, LA 70804-9245 / 225.379.1401 / brianparsons@dotd.la.gov				
Services commenced by this firm (mm/yy)		07/17	Total consultant contract cost (\$1,000's)		\$167
Services completed by this firm (mm/yy)		09/18	Cost of consultant services provided by this firm (\$1,000's)		\$167

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

Surveying and CE&I on six safe roads projects in North Louisiana.

As a sub to Gresham Smith, Volkert provides topographic survey, right of way survey, title work, right of way drawings and anything else needed to implement safety projects around schools and on local roads. All work is performed to LA DOTD standards.

**Firm members involved include:** Randy Denmon, P.E., Steven Lengefeld, Bryan Ardoin



## H.013079-1 Before and After



24-102  
**Section 18**



## 18. Approach and Methodology:

### Background

Annually, DOTD dedicates a portion of Louisiana's federal-aid funds for safety improvements on locally owned and maintained roadways in an effort to increase local community participation in highway safety. These funds are accessible to the local agencies through DOTD's Local Public Agency (LPA) program. Through this program, federal aid funds from the Federal Highway Administration (FHWA) are passed through the DOTD to the LPA with oversight by the DOTD and FHWA.

This IDIQ will focus on the Local Road Safety Program (LRSP) and the Safe Routes to Public Places Program (SRTPPP). These two programs fund the design and construction of infrastructure projects that will improve the safety and mobility for all users. Projects within the LRSP and SRTPPP programs must fulfill DOTD requirements for the design process including the DOTD Minimum Design Guidelines and policies regarding planning, environmental clearance, design, utility certification, right-of-way acquisition, construction and maintenance. Each step of this process is reviewed by applicable DOTD sections and require the necessary approvals in order to proceed through the design and to be advertised, bid and let to construction in accordance with DOTD requirements.

**Gresham Smith is very familiar with the these programs, having held a DOTD Retainer Contract for Safe Routes to Public Places Program (SRTPPP) and Local Road Safety Program (LRSP) since 2016. We have executed 37 task orders to date which span multiple retainer contracts for safety projects.** Over the last several years, we have worked directly with DOTD'S SRTPPP/LRSP Program Manager Laura Riggs and Project Manager Mark Morvant in order to deliver projects which closely align with their vision for the program, achieve DOTD's goal for safety, and provide a much needed improvement for our local communities. To put it simply, the design of safety projects is the bread and butter of what we do in our Gresham Smith – Baton Rouge office.

Based on our experience working with DOTD to perform the traffic engineering studies, develop project feasibility reports, provide site investigations, provide surveying services, and prepare preliminary plans and final plans for selected pedestrian enhancement projects, sidewalk projects, guard rail projects, signing and pavement marking projects and road safety improvement projects included within our retainer contract, we

have developed the following approach and methodology for this IDIQ contract.

### Project Feasibility Report

Typically LPAs will submit an application, or a request, for safety funding of a proposed LRSP or SRTPPP project. Once a project is selected by DOTD, the first step may be the development of a Project Feasibility Report (Project Report). The Project Report will be initiated if the DOTD Project Manager (PM) determines that additional information, not provided within the application, may be required to develop an accurate scope of work and man hour estimate for the proposed project. The Project Report is a lump sum task order and typically includes a meeting/pre-design conference and a visit to the project site(s) along with the report. Prior to this meeting, Gresham Smith reviews the application submitted by the local entity to get familiar with the project. At this meeting, Gresham Smith will discuss the overall goals of the project and any specific constraints or objectives that were not included within the application and a thorough discussion of the roles and responsibilities of DOTD, the Local Agency and Gresham Smith. We will discuss the scope of work with the LPA, and often times critical changes from the application will be decided on the spot. For example, on a signing and striping project, we will ask the LPA if there are any recent or planned asphalt overlays for any of the routes included in the application. If so, we don't want to include these routes in our striping scope for the project report.

The pre-design meeting is followed by a site visit. We will review the existing site conditions and take measurements and photos as necessary for development of our report. We will not be "designing" the project at this point, just gathering enough information to put together some estimated quantities and pay items to develop a good cost estimate. Meeting minutes will be prepared for the conference and a project report will be generated and submitted to the DOTD Project Manager. Within the project report, Gresham Smith will include a detailed scope of work and man hour estimate to complete any studies, preliminary and final plans for the project. Upon approval of the project report or the scope and fee, the project manager will issue a task order for any preliminary study or development of preliminary and final plans. If a meeting/pre-design conference and site visit was not originally held, one will be scheduled with the Local Agency.

**We have executed 12 Project Feasibility Reports during the life of our multiple retainer contracts.**



## Permitting / Planning / Environmental

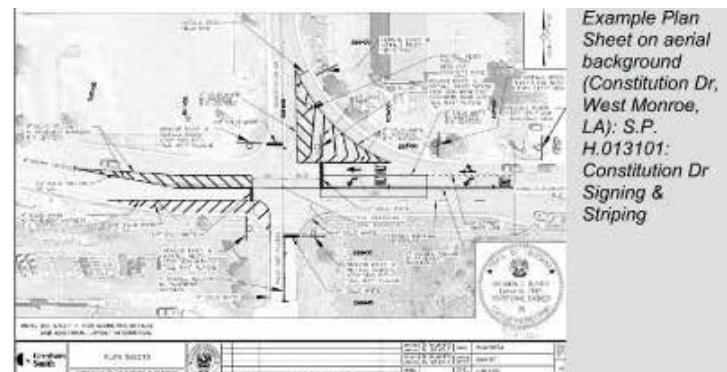
Should permits for the project be required, Gresham Smith shall assist with the development of drawings and pertinent information required to support the permit request. Submitting the permit itself is typically the responsibility of the Local Agency. This work could be a separate task or included within the preliminary or final design tasks. The permits could include Coastal Use Permits, US Army Corps of Engineer Permits, Railroad Permits, or others. In our experience we have provided drawings and support information for railroad permits and permits for levee boards. Within our previous LRSP retainer contract, Gresham Smith provided drawings and other necessary design information in order to help the local entity secure a railroad permit for S.P. H.011895 and a construction permit from the Tensas Levee District for S.P. H.012279.

## Design

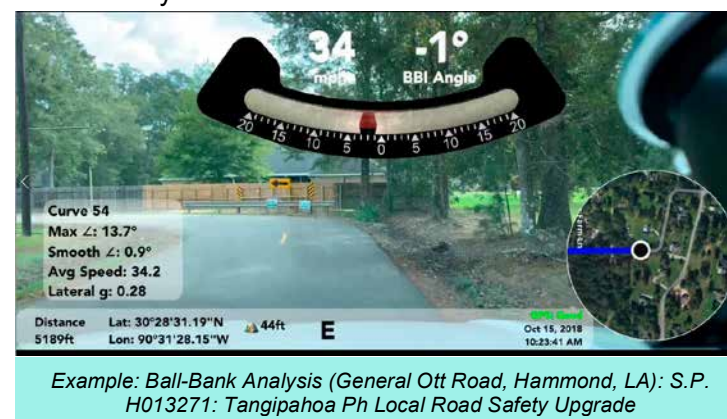
Depending on the project scope, a survey may or may not be required. Should a survey be necessary, our project manager Richard Savoie, P.E., and lead design engineer Brennon Hughes, P.E., will work directly with Volkert and/or CD&C, our sub consultants for surveying on this proposal. We will begin with an internal kickoff meeting to discuss the scope of the project and the intent of the design. We will discuss the limits of the topographic survey and any critical items that need to be mentioned. As a general rule, most projects within the LRSP and SRTPPP do not involve the acquisition of ROW. However, should the project include the purchase of additional ROW, our surveyor(s) will be available to provide the development of ROW maps including, title research reports, property survey, title updates, right of way maps, and title take-off. Typically, the acquisition of the ROW is the responsibility of the Local Agency but DOTD can assist with this process if requested.

For example, within our previous safety retainer contract with DOTD, our sub-consultant Denmon (now Volkert) provided topographic surveying services for S.P. H.012279: Endom Bridge Approach Realignment. This is an intersection safety improvement project which requires the realignment of Coleman Avenue at the Endom Bridge approach. It became very clear early in Preliminary Design that ROW would need to be acquired in order to provide a design which meets DOTD guidelines.

Should the project not require a survey, such as a LRSP striping and signing project, lead design engineer Brennon Hughes, P.E., and supporting staff will conduct a thorough field inventory to observe and document the existing conditions along the project limits. In lieu of a topo survey, striping and signing plans for this program will utilize tables and details superimposed upon aerial photos.



Additionally, ball bank analysis video tests will be performed at multiple speeds in order to determine the necessary curve and turn signing as per the AASHTO Green Book and MUTCD. These videos also help supplement our field visit by providing an up to date inventory of roadway characteristics which can be accessed at any time, as many times Google Maps images are several years old and cannot be relied on.



**Preliminary and Final Plans are delivered using the standard delivery schedule. In early 2022, Gresham Smith met with Laura Riggs and Mark Morvant at DOTD to discuss project feasibility reports and project plan consistency for LRSP and SRTPPP projects. We helped them develop a standardization of plans for all consultants who design these projects.** In our experience with these projects, unanticipated Right-of-Way issues can cause major delays. Often times, local agencies do not have great confidence in where the ROW is located. Therefore, in working with Mark and Laura, we are now developing 30% preliminary plans as the first submittal on projects involving topographic surveys, in order to identify these concerns as early as possible. These may be LRSP intersection improvement projects or SRTPPP sidewalk projects.

For these projects, the 60% Preliminary Plans submittal will include layouts with required ROW along with drainage calculations, if necessary. For projects without topographic survey, such as signing and striping projects, the 60% Preliminary Plans will be the first submittal and simply include the roadway alignments with project limits identified. The 95% Preliminary Plans submittal will be in coordination with a Plan-In-Hand (PIH) meeting. This is usually the first time the LPA will review the plans. One issue which has arisen lately is that local property owners often don't know about the projects until construction, which causes hold ups. The PIH is when we will emphasize the importance of public outreach to the LPA. This is also when we will provide the LPA a list of utility conflicts we have identified, if we were not able to avoid them with our design. This is also an important issue to identify at this point to avoid delays in construction. Upon authorization to proceed with Final Plans, the submittals will consist of 95% Final Plans, 98% Final Plans, and 100% Final (Sealed) Plans. Gresham Smith will obtain approval/signature from the local agency as appropriate.

30% Preliminary Plans	60% Preliminary Plans	95% Preliminary Plans	95% Final Plans	98% Final Plans	100% Final Plans
Survey of Existing Conditions	Preliminary Design Report Form	Final Design Report Form	Draft Technical Provisions	Final Technical Provisions	Signed and Sealed Plans
Title Sheet	Drainage Calculations	Summary Sheets with Tables	SWPPP Form	Final QC/QC Review Form	Submitted in electronic PDF and one full size set
Length and Location of Work	Proposed Layout	Design exceptions/waivers (as applicable)	Construction Contract Time Worksheet	Revised Final Design Report Form (if necessary)	Revised Final Design Report Form (if necessary)
Apparent ROW Limits	Required ROW	Cost Estimate	Constructability Biddability Review	Cost Estimate	Final Cost Estimate

### Construction Support

Once the project is let for construction, Gresham Smith will review the construction bid and compare it to the engineer's opinion of probable construction costs that will be submitted with the 100% Final Plans. Gresham Smith is very experienced in utilizing DOTD's publicly available Bid History Estimate Tool spreadsheet. The low bids for projects in our previous LRSP/SRTPPP retainer contract often fall within 10% of our construction cost estimates. Accurate construction cost estimates are more important than ever with the major increases due to costs/inflation in recent years. The following projects are examples of estimate-to-bid ratios from some of our past projects.

Project No.	Project Name	Low Bid	Engineer's Estimate	% Difference
S.P. H.009297	Ouachita Par. Police Jury Sidewalks	\$664,623.95	\$786,953.57	9.9%
S.P. H.012297	McMillan Road/Blanchard Street Improvements	\$107,515.92	\$114,968.82	6.5%
S.P. H.013079	Town of Farmerville Sidewalks	\$718,535.10	\$690,605.29	4.0%
S.P. H.012279	Endom Bridge Approach Realignment	\$857,591.66	\$813,483.09	5.4%

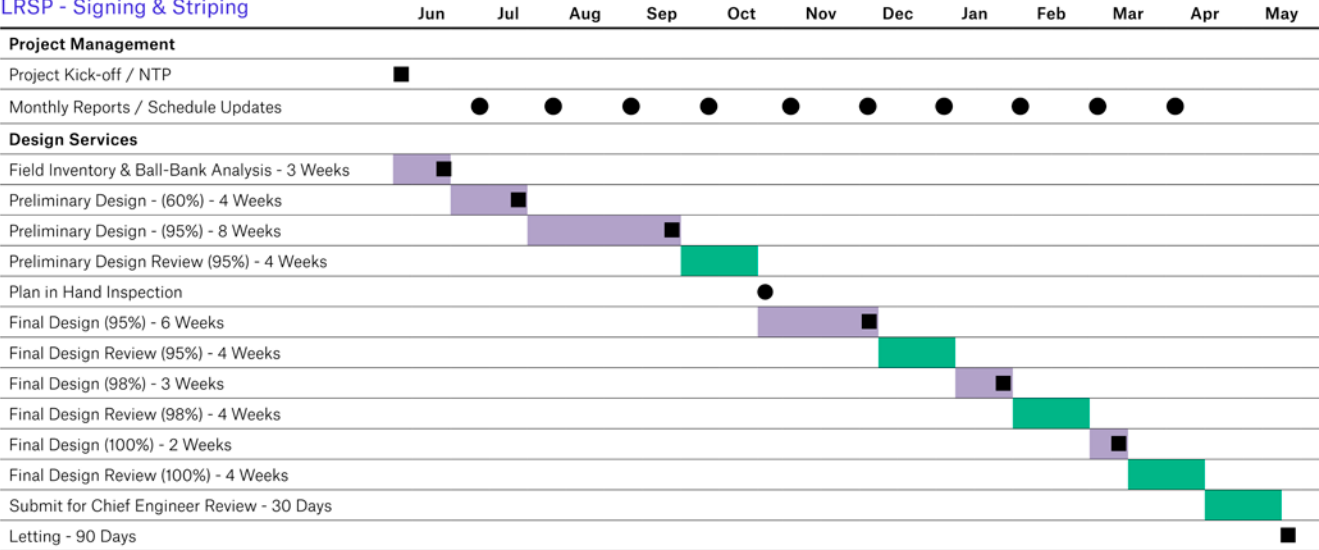
Gresham Smith will provide reviews of construction shop drawings and respond to any Requests For Information (RFIs) submitted by the contractor for these projects during the construction phase. Below, we have developed a matrix that details the task orders from our previous retainers and our experience with each one. We have also included a typical LRSP and SRTPPP project schedules on the following page.

Task Order No.	Project Name	Project Tasks					
		Project Feasibility Reports	Traffic Studies/Site Assessments	Permit Plans/Permit Preparation	Survey/Right-of-Way Maps	Construction Plans	Construction Support/CE&I
H.011918.5	TO-1 City of Vidalia Traffic Study	✓	✓				
H.012297.5	TO-2 McMillian Rd/Blanchard Street Traffic Study	✓	✓				
H.011846.5	TO-3 Desiard Street Striping		✓				✓
H.011895.5	TO-4 City of Monroe Guardrail Installation			✓	✓	✓	
H.009297.5	TO-5 Ouachita Par. Police Jury Sidewalks	✓	✓				
H.012279.5	TO-6 Endom Bridge Approach Realignment				✓	✓	
H.012297.5-1	TO-7 McMillian Rd/Blanchard Steet Improvements				✓	✓	
H.012527.1	TO-8 Road Striping and Signs (W.Feliciano)	✓	✓				
H.013079.1-1	TO-9 Town of Farmerville Sidewalks	✓	✓				
H.013073.1-1	TO-10 N. Foster Dr-Greenwell Sprgs Rd Ped Imp	✓	✓				
H.009297.5-2	TO-11 Ouachita Par. Police Jury Sidewalks				✓	✓	
H.013101.1-1	TO-12 Constitution Drive Traffic Study	✓	✓				
H.011846.6-1	TO-13 Desiard Street Striping (CEI)						✓
H.013079.5-1	TO-14 Farmerville Sidewalks				✓	✓	
H.013532.5-1	TO-15 Denham Springs Safety Study	✓	✓				
H.013271.5-2	TO-16 Tangipahoa Parish Signing & Striping		✓			✓	✓
H.012527.1-2	TO-17 W. Feliciana Bridges - Signs & Guardrail	✓	✓				
H.013532.5-2	TO-18 Denham Springs Final Design		✓			✓	✓
H.013720.1	TO-19 Bonner Street Study	✓					
H.013101.5	TO-20 Constitution Drive Final Design					✓	
H.012279.5-1	TO-21 Endom Bridge Final Design Supplement				✓	✓	
H.012527.5	TO-22 West Feliciana Local Road Safety Upgrades				✓	✓	
H.013763.5	TO-1 Signs & Striping (Sabine, Vernon Parish)		✓			✓	
H.013720.5	TO-2 Bonner Street Ped Impr Design			✓	✓	✓	
H.013767	TO-3 Signs & Markings (St. Landry, St. Martin)		✓			✓	
H.012527.6	TO-4 West Feliciana Construction Consultation						✓
H.013073	TO-5 Greenwell Springs & Wooddale Sidewalks				✓	✓	
H.015086	TO-6 LA 14 (US 90 to Power Center Parkway		✓				
H.015196	TO-07 Local Road Signing & Striping (Desoto) Report	✓	✓				
H.015010	TO-08 Local Road Signing & Striping (Bossier) Report	✓	✓				
H.015201	TO-9 Lafourche Signing & Striping Report	✓	✓				
H.015202	TO-10 Local Road Signing & Striping (Donaldsonville) Report	✓	✓				
H.015200	TO-11 Safe Routes to Public Places Program (East St & Parkview Dr Sidewalks) Report	✓					
H.015201	TO-12 Safe Routes to Public Places Program (Richwood Sidewalks Ph 2) Report	✓	✓				
H.013714	TO-13 Valhi Blvd Shared-Use Path Design				✓	✓	
H.015205	TO-14 Safe Routes to Public Places Program (McMillan Rd Ped Improv) Report	✓	✓				
H.015196	TO-15 DeSoto Signing & Striping Design		✓			✓	

List of Project Tasks included within tasks orders executed under multiple safety retainer contracts

Example Schedules

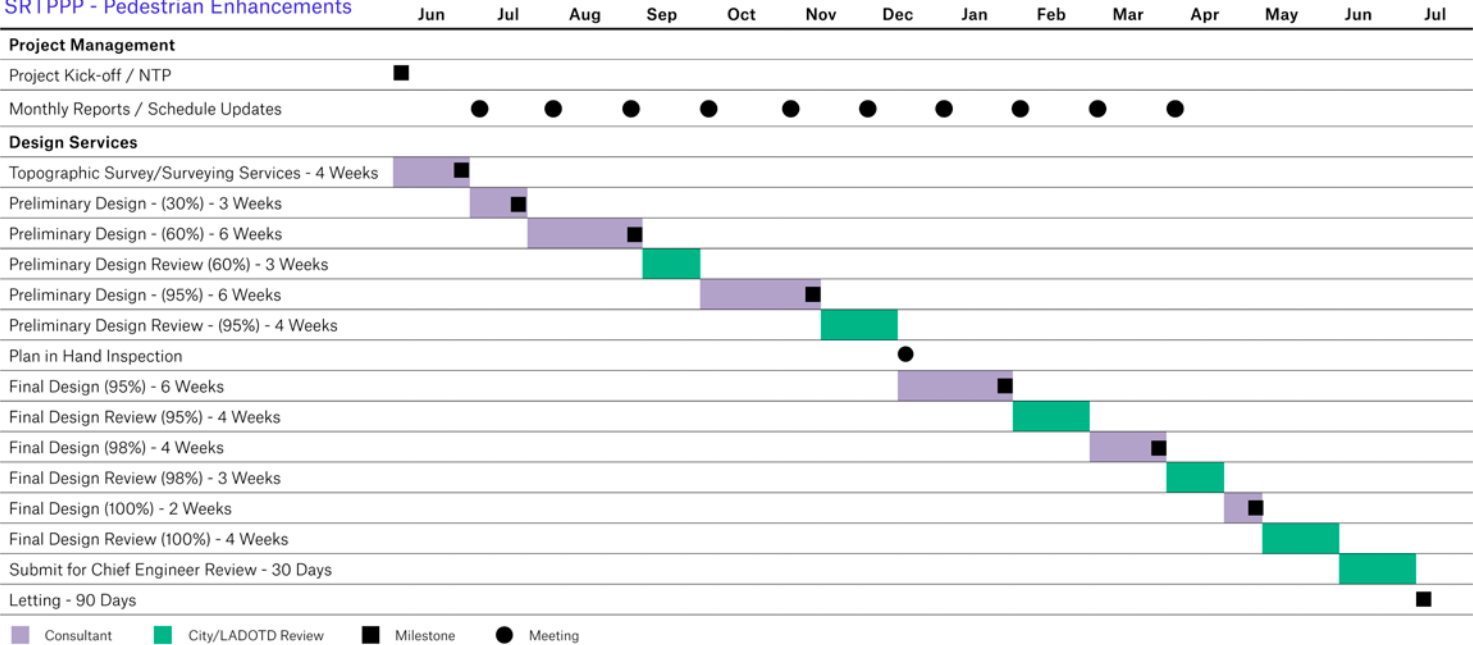
LRSP - Signing & Striping



Typical Project Report Schedule



SRTPPP - Pedestrian Enhancements





## H.013532-1 Before and After



24-102

**Sections 19-23**

## 19. Workload:

<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	Traffic	4400005890 H.12018.5	Lafayette Adaptive Traffic Signals	\$117,831
Gresham Smith	CE&I/OV / ITS	4400011253 H.011500.6	Lake Charles ITS Phase 3	\$43,492
Gresham Smith	Bridge	4400013322 H.009730.5	Complex Bridge Inspection TO#4	\$14,755
Gresham Smith	Bridge	4400013322 H.009730.5	Complex Bridge Inspection TO#5	\$3,177
Gresham Smith	Bridge	4400013322 H.009730.5	Complex Bridge Inspection TO#6	\$23,960
Gresham Smith	Bridge	4400013322 H.009730.5	Complex Bridge Inspection TO#7	\$347,973
Gresham Smith	Other (LRSP/SRTPPP Designs) / Road	4400019871 H.013720.5	LRSP Signs and Striping - Bonner Street Bridge Pedestrian Improvements	\$3,089
Gresham Smith	Other (LRSP/SRTPPP Designs) / Road	4400019871 H.013767.5	LRSP Signs and Striping - St. Landry and St. Martin Parishes	\$4,223
Gresham Smith	Other (LRSP/SRTPPP Designs) / Road	4400019871 H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	\$72,297
Gresham Smith	Other (LRSP/SRTPPP Designs) / Traffic	4400019871 H.015086.5	LRSP/STRPPP LA 14	\$148,884
Gresham Smith	Other (LRSP/SRTPPP Designs) / Road	4400019871 H.014629.5	LRSP/STRPPP Lafourche Signing and Striping	\$4,759
Gresham Smith	CE&I/OV	4400013851 H.009308.6	TO#1 New Orleans DPW SRTS Sidewalk Project	\$2,937
Gresham Smith	CE&I/OV / ITS	4400024424 H.013256.6	I-10 Scott to Lake Charles ITS CEI	\$186,903
Volkert, Inc.	Road	44-5267 H.003074 & H.009087	Route I-10: Williams Blvd. to Veterans Blvd. & Loyola Drive to Williams Blvd. – Sub-consultant, Jefferson Parish, LA	\$1,736.00
Volkert, Inc.	Bridge	44-4726 H.004113	I-12 to Bush LA 3241 (LA 435 to LA 40 / LA 41), - Sub Consultant, St. Tammany Parish, LA	\$41,796.00
Volkert, Inc.	Bridge	44-8113 H.011152.5	I-12 Widening (US 190 to LA 59) Route I-12 – Sub Consultant, St. Tammany Parish, LA	\$ 20,052.00
Volkert, Inc.	Bridge	44-25024 H.015336	IIJA Off-System Bridge Program District 04	\$2,000,000.00
Volkert, Inc.	Traffic	44-4787 H.009250	IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA	\$1,242,504.00

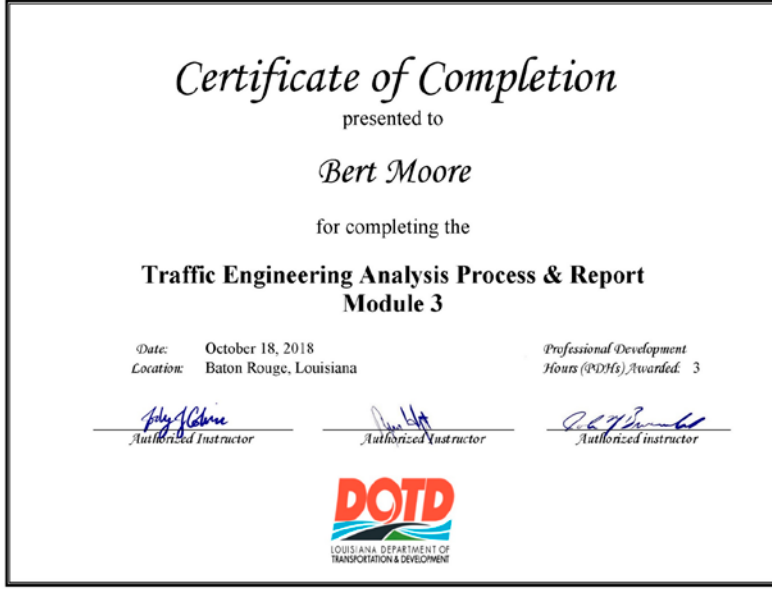
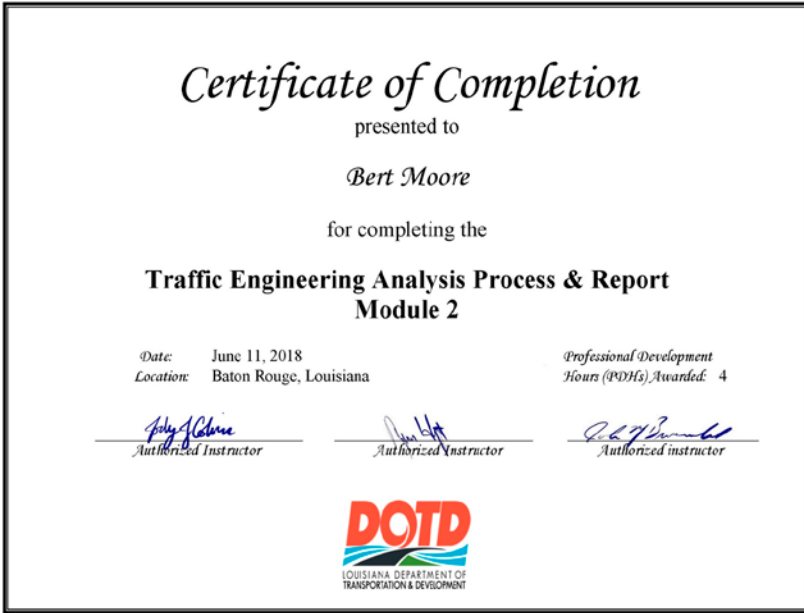
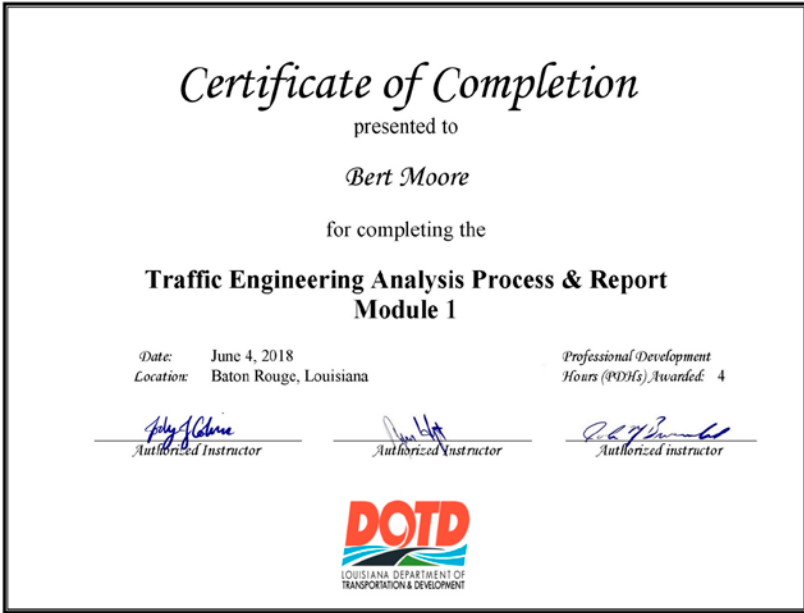
## 19. Workload:

<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>
Volkert, Inc.	Survey	44-17068	Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant, Task Order 3 and Task 4	\$307,421.00
Volkert, Inc.	Survey	44-17069	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 1, 2 and 3	\$213,814.00
Volkert, Inc.	Survey	44-17764 H.013284	IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05.08 and 58, Statewide, Task Order 4 (Task Orders 5 & 6 are all subconsultant work)	\$161,947.00
Volkert, Inc.	<b>Other (LRSP / SRTPPP Designs) / Survey</b>	<b>44-19871</b>	<b>IDIQ Contract for Design of Safety Projects, Statewide LRSP / SRTPPP - SubConsultant</b>	<b>No Open Task Orders</b>
Volkert, Inc.	CE&I/OV	44-16173 H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$400,165.00
Volkert, Inc.	CE&I/OV	H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$5,841,777.00
Volkert, Inc.	CE&I/OV	44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West & East Baton Rouge Parish, LA	\$782,359.70
Volkert, Inc.	CE&I/OV	44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CE&I) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$ 8,351,051.30
Volkert, Inc.	CE&I/OV	H.001234.6	LA 1 Port Allen Canal Bridge Replacement (Phase 1) (HBI), West Baton Rouge Parish, LA.- Sub Consultant	\$504,207.00
Volkert, Inc.	CE&I/OV	44-17088 H.007811.6 H.000710.6 H.002273.6 H.001352.6	Comite Diversion Canal CE&I and Utility Relocation, Routes US 61, LA 964, LA 19, and LA 67, East Baton Rouge Parish, LA - Sub Consultant	\$455,118.00
Volkert, Inc.	CE&I/OV	44-19950 H.003003.6-2	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes	\$38,584.00
Volkert, Inc.	CE&I/OV	44-21680 H.008145.6	LA 1: Leeville to Golden Meadow, Phase 2 (CE&I) – Subconsultant to ECM	\$2,873,685.00
Volkert, Inc.	CE&I/OV	44-21680 H.008145.6	LA 1: Leeville to Golden Meadow SA 1 Fabrication – Subconsultant to ECM	\$4,732,610.00

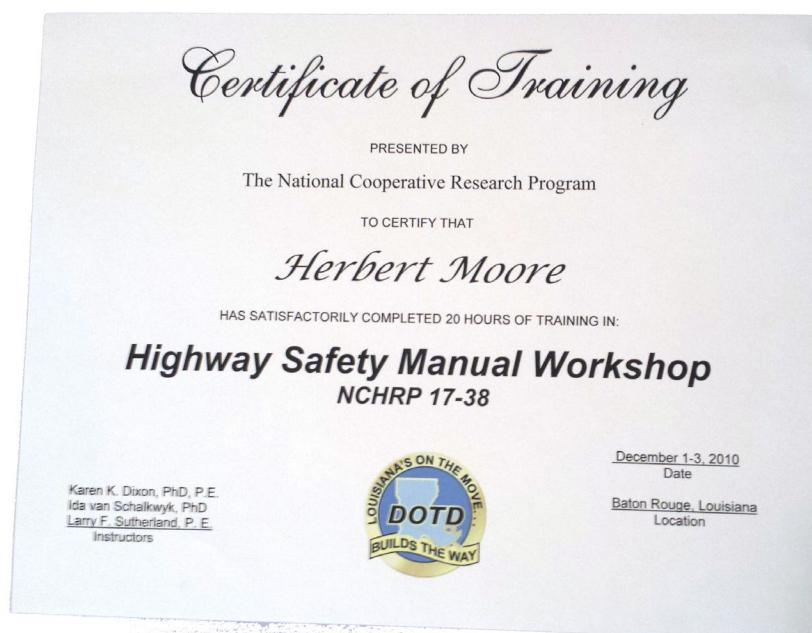
## 19. Workload:

<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>
Volkert, Inc.	CE&I/OV	44-19950 H.002868.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 4 – I-49 S Ambassador Caffery/US 90 Interchange, Lafayette Parish– Sub- consultant to GEC	\$507,400.00
Volkert, Inc.	CE&I/OV	H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish -Subconsultant	\$340,000.00
Volkert, Inc.	CE&I/OV	H.013265.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 5 – US 90 LA 14 - LA 83, Iberia Parish – Sub- consultant to GEC	\$220,537.00
Volkert, Inc.	CE&I/OV	44-23897 H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish -Subconsultant	\$340,000.00
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	\$89,482
Civil Design & Construction, Inc.	Surveying	H.011833.5	St. Mary Street Sidewalks	\$3,236
Civil Design & Construction, Inc.	Surveying	H.011235.5	I-49 South @ Verot School Rd	\$198,880
Civil Design & Construction, Inc.	Surveying	H.011235.5	I-20: UPRR Overpass	\$317,022

20. Certifications/Licenses:











## Certificate of Completion

presented to

*Rebecca LaPorte*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 2

*Polley J. Colburn*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. L. H. H. H.*  
Authorized instructor



## Certificate of Completion

presented to

*Rebecca LaPorte*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

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

Professional Development  
Hours (PDHs) Awarded: 3

*Polley J. Colburn*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. L. H. H. H.*  
Authorized instructor



## Certificate of Completion

presented to

*Rebecca LaPorte Murray*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3

*Polley J. Colburn*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. L. H. H. H.*  
Authorized instructor



## Certificate of Attendance

presented to

*Rebecca LaPorte*

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

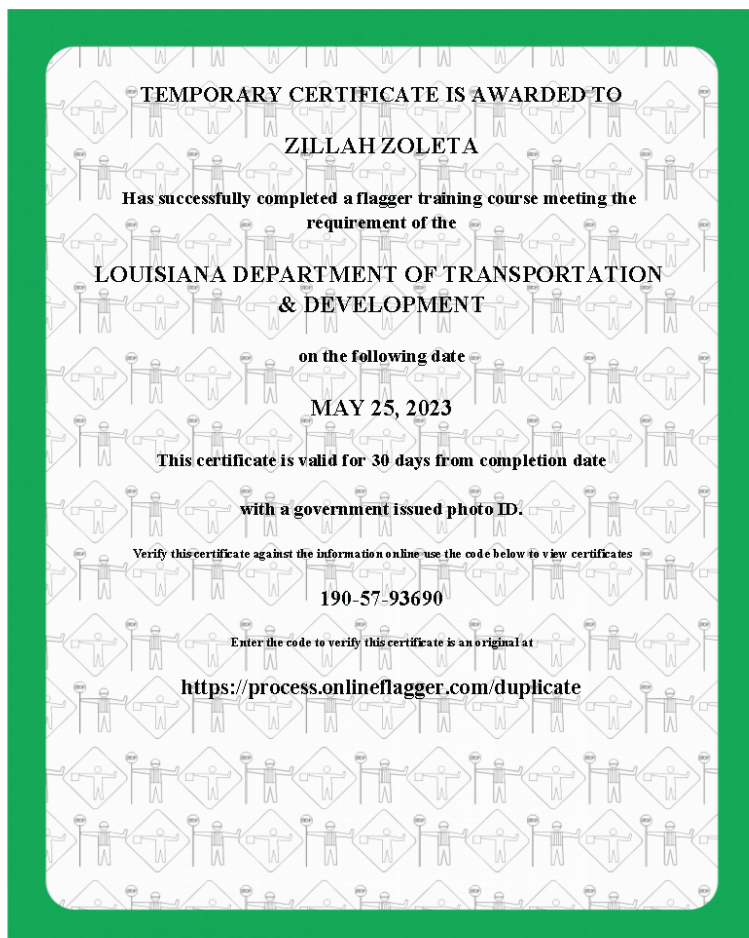
*Don Holt*

*Tim Hume*









# Certificate of Completion

presented to

*Tait Karlson*

for completing the

## Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 2.5

*Poly G. Colina*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Bunnell*  
Authorized instructor



# Certificate of Completion

presented to

*Tait Karlson*

for completing the

## Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3.5

*Poly G. Colina*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Bunnell*  
Authorized instructor



# Certificate of Completion

presented to

*Tait Karlson*

for completing the

## Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3.5

*Poly G. Colina*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*P. G. Bunnell*  
Authorized instructor



## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

Date: March 29, 2022  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

Date: March 29, 2022  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

Date: March 30, 2022  
Location: Baton Rouge, Louisiana

Professional Development  
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor



American Traffic Safety  
Services Association

This is to affirm that

**PAYTON NICKLES**

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

Issue Date 3/1/2022

Exp. Date 3/1/2026

State Issued LA

V0000040666

**Debbie Purcella**

Instructor Name

Instructor Signature

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







**Mead & Hunt**

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

Certificate of attendance and participation for:

John S. Weres

Training Course:  
Maintenance and Rehabilitation of Historic Bridges

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

Please select the date you attended the course:

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

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

Amy Squitieri  
Mead & Hunt Instructor  
Amy Squitieri

Darrell Q. Berry  
Mead & Hunt Instructor  
Darrell Berry, PE, SE

 **National Highway Institute** 

**Certificate of Training**

**John Weres**

*has participated in*

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

*hosted by*

**Mississippi Department of Transportation**



Date: June 07-10, 2022 Hours of Instruction: 24  
Location: Jackson, MS

Danil B. Smith  
Instructor

Thomas Harman  
Instructor

Susan R. Harman  
Local Coordinator

Thomas Harman  
Thomas Harman, Director  
National Highway Institute

 **National Highway Institute** 

**Certificate of Training**

**JOHN WERES**

*has participated in*

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

*hosted by*

**LA DOTD/LTRC**

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

Barry D. Smith  
Instructor

Michael Davis  
Instructor

Allison H. Landray  
Local Coordinator

Michael Davis  
Michael Davis, Director  
National Highway Institute



National Highway Institute  
**Certificate of Training**



**John Weres**

*has participated in*

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

*hosted by*

**Texas Department of Transportation**

**Date:** July 17–18, 2018

**Location:** Fort Worth, TX

**Hours of Instruction:** 14

Instructor

Local Coordinator

Instructor

Valerie Briggs, Director  
 National Highway Institute



National Highway Institute  
**Certificate of Training**



**John Weres**

*has participated in*

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

*hosted by*

**Kansas Department of Transportation**

**Date:** February 2-13, 2015

**Location:** Topeka, Kansas

**Hours of Instruction:** 67

Instructor

Local Coordinator

Instructor

Valerie Briggs, Director  
 National Highway Institute

**Mead & Hunt**

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

Certificate of attendance and participation for:

*Courtney Rome*

Training Course:  
Maintenance and Rehabilitation of Historic Bridges

Transportation Training and Education Center  
4099 Gourrier Avenue, Room 175  
Baton Rouge, Louisiana 70808

Please select the date you attended the course:

☐ Tuesday, May 1, 2018  
☒ Wednesday, May 2, 2018

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

*Amy E. Squitieri*  
Mead & Hunt Instructor  
Amy Squitieri

*John A. Rathke*  
Mead & Hunt Instructor  
John A. Rathke, PE, SE

**National Highway Institute**

U.S. Department of Transportation  
Federal Highway Administration

**Certificate of Training**

**Courtney Rome**

has participated in

**FHWA-NHI-135095**  
**Two-Dimensional Hydraulic Modeling of Rivers at Highway Encroachments**

hosted by  
**Arkansas State Highway & Transportation Department**

Date: November 15-17, 2016  
Location: Little Rock, AR

Hours of Instruction:  
Each Day of Training = 7 Hours

*Thomas A. Dink*  
Instructor

*Monica L. Smith*  
Local Coordinator

*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute

**National Highway Institute**

U.S. Department of Transportation  
Federal Highway Administration

**Certificate of Training**

**COURTNEY ROME**

has participated in

**FHWA-NHI-130056 Safety Inspection of In-Service Bridges  
for Professional Engineers**

hosted by  
**LA DOTD/LTRC**

Date: May 13-17, 2019  
Location: Baton Rouge, LA

Hours of Instruction: 34

*William A. Henderson, P.E.*  
Instructor

*Michael H. Landry*  
Local Coordinator

*Michael Davies*  
Michael Davies, Director  
National Highway Institute

**National Highway Institute**

U.S. Department of Transportation  
Federal Highway Administration

**Certificate of Training**

**Courtney Rome**

has participated in

**FHWA-NHI-132070 Drilled Shaft Foundation Inspection**

hosted by  
**Arkansas Highway and Transportation Department**

Date: June 6-8, 2017  
Location: Little Rock, AR

Hours of Instruction: 14.0

*Russell Bennett*  
Instructor

*Valerie Briggs*  
Local Coordinator

*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name: Public Address:  
 Volkert, Inc. P. O. Box 7434  
 Mobile, Alabama 36670

**License/Certificate Information w/  
Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002500	Active	03/28/2000	09/30/2024	Mr. Stephen Pence Heraty # PE.0031272 - Active ; Ms. Janet Leigh Evans # PE.0021307 - Active

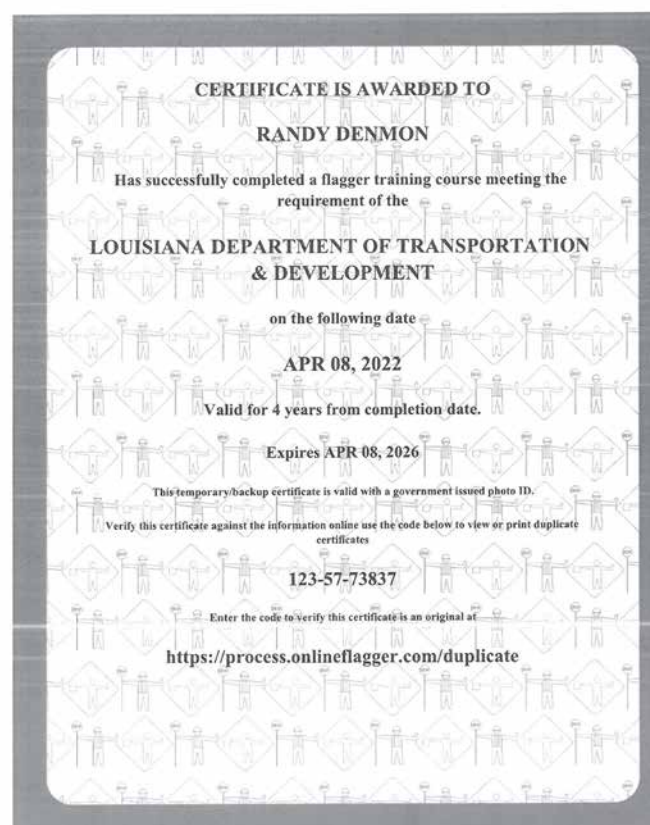
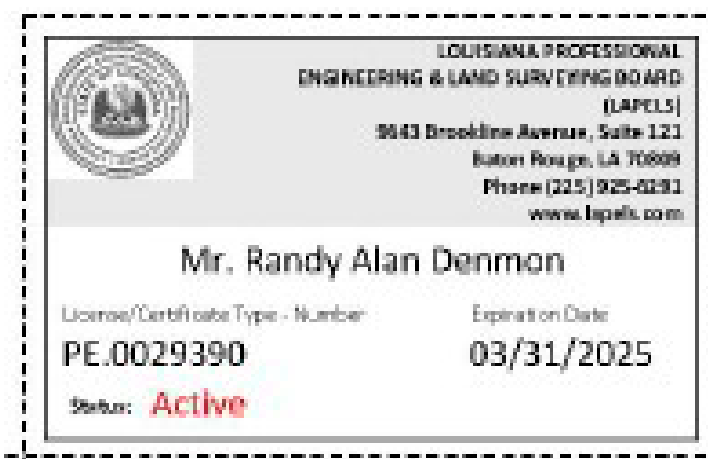
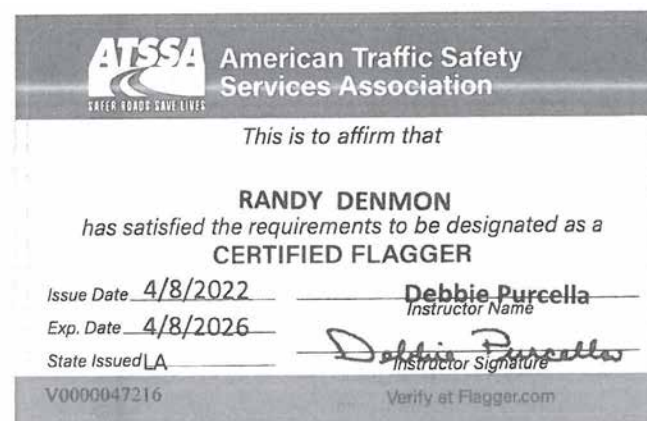
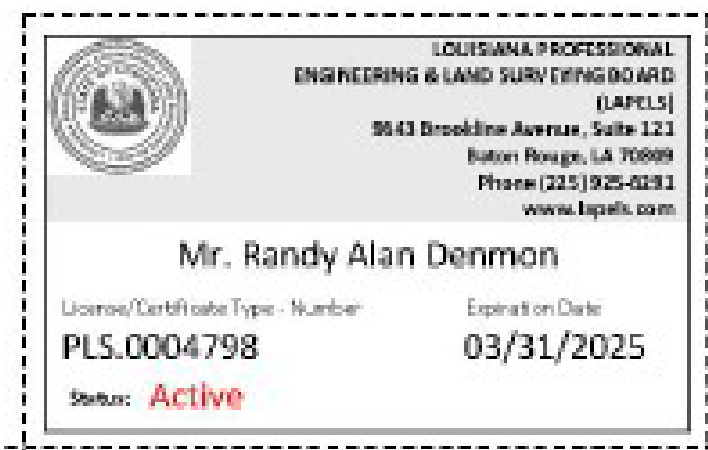
**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**


Name: Public Address:  
 Volkert, Inc. P. O. Box 7434  
 Mobile, Alabama 36670

**License/Certificate Information w/ Supervision**


License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000869	Active	12/13/2021	03/31/2024	Mr. Randy Alan Denmon # PLS.0004798 - Active








Entity Validation Tickets Show Details  
Sep 16, 2022



See All Alerts

Planned Maintenance Schedule Show Details  
Apr 3, 2022





Requests

Notifications

Workspace

Sign Out

Home

Search

Data Bank


Data Services

Help

&lt; Entity Information

Check Entity Status

This tool allows you to check the status of your entity.

 **Non-federal users:** You may only check the status of entities linked to your SAM.gov account.

Unique Entity ID

CAGE Code

DFBJTEJDY1C6

Reset

Search







Entity Information

CIVIL DESIGN & CONSTRUCTION INC.  Active Registration

Unique Entity ID  
DFBJTEJDY1C6

Your registration was activated on 2022-10-18. It expires on 2023-10-14 which is one year after you submitted it for processing.

More About the Entity Status Tracker

-  Getting Started with Registration
-  Entity Status Guide
-  Legend
-  What if my entity fails TIN validation?
-  What if my entity fails CAGE validation?
-  More Help

12/14/21, 10:20 AM

Print Lookup Details

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:Public Address:

Civil Design & Construction, Inc.Ms. Karla WestonP. O. Box 857

Port Allen, Louisiana 70767

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000555	Active	02/10/2006	09/30/2023	Mr. Ralph D. Burgess # PLS.0005040 - Active



## LOUISIANA UNIFIED CERTIFICATION PROGRAM

### Disadvantaged Business Enterprise Program (DBE)

### Small Business Element (SBE)

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

### **Civil Design & Construction, Inc.**

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

**NC541330, NC541340, NC541350, NC541370**

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

### **Certificate Eligibility: March 2023 to March 2024**

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

*Rhonda Wallace*

**Rhonda Wallace, DBE/SBE Programs Manager**

*Louisiana Department of Transportation & Development*



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

John Bel Edwards, Governor  
Eric Kalivoda, Secretary

April 14, 2023

**Civil Design & Construction, Inc.**

Attn: Karla Weston  
PO Box 857  
Port Allen, LA 70767

Dear Karla Weston,

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

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

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2024**. However, should you not receive notification from this office for your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Louisiana Department of Transportation and Development | 1201 Capitol Access Road | Baton Rouge, LA 70802 | 225-379-1200

An Equal Opportunity Employer | A Drug-Free Workplace | Agency of Louisiana.gov | dotd.la.gov

**Civil Design & Construction, Inc.**

April 14, 2023

Page 2

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

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

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

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

Respectfully,


*Rhonda Wallace*

Rhonda Wallace  
DBE/SBE Programs Manager

Enclosure (Certificate)







## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT



---

**Christopher Ballard**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course


---

5/10/2021 to 5/10/2025  
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 ATSSA.com



## AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

*This is to affirm that*  
**Christopher Ballard**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

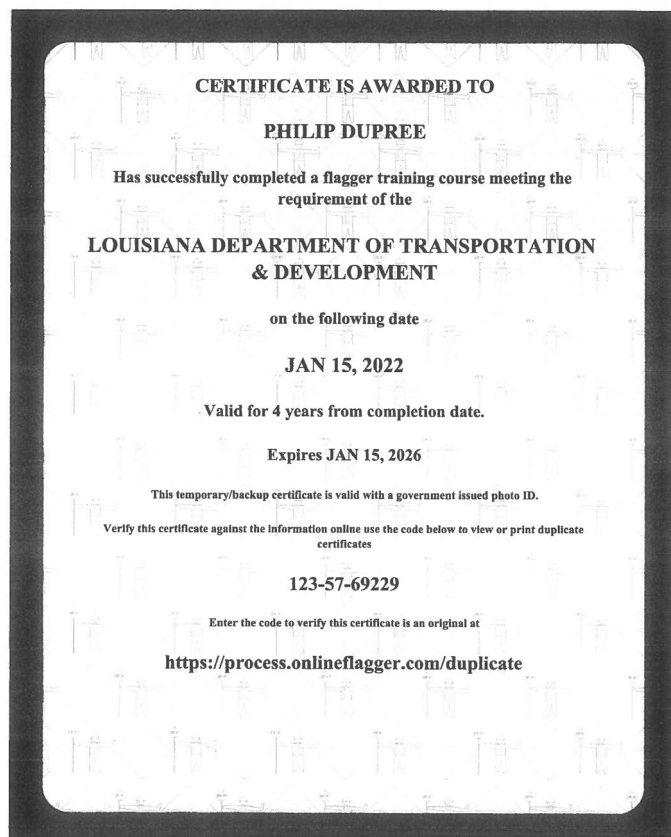
Expiration Date 3/17/2024 State Issued in LA

---

Instructor Signature 

Verification available by calling 1-877-642-4637 or at <http://www.flagger.com>







**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD**

**(LAPELS)**

**9643 Brookline Avenue, Suite 121**

**Baton Rouge, LA 70809**

**Phone (225) 925-6291**

**www.lapels.com**

**Mr. Madison Edward Mills**

License/Certificate Type - Number

**PLS.0005293**

Expiration Date

**03/31/2025**

Status: **Active**

**I UNITED STATES OF AMERICA XI**  
 DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION  
**IV NAME**  
 SCOTT RICHARD BENTON  
**V ADDRESS** 31050 LA HIGHWAY 16 APT 511  
 DENHAM SPRINGS LA 70726-8992

**VI NATIONALITY USA** **SEX** HEIGHT **WEIGHT** **HAIR** **EYES**  
 IVa D.O.B. 17 SEP 1983 M 74 220 BROWN BLUE  
 IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

**II REMOTE PILOT**  
**III CERTIFICATE NUMBER** 4644960  
**X DATE OF ISSUE** 31 MAR 2022

**XIV** *Billy Nolen*  
**VIII ACTING ADMINISTRATOR**

**U  
A  
S**

**ATSSA** AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION  
SAFER ROADS HAVE LIVES

This is to affirm that  
 Scott Benton

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

Expiration Date 3/1/2024 State Issued in LA

Instructor Signature *Scott Benton*  
 Verification available by calling 1-877-642-4637 or at <http://www.flagger.com>

**SCOTT RICHARD BENTON** **4644960**  
**REMOTE PILOT** **XII RATINGS**  
 SMALL UNMANNED AIRCRAFT SYSTEM  
**XIII LIMITATIONS**

**U  
A  
S**

**VII SIGNATURE OF HOLDER** *Scott Benton*

**ATSSA TRAINED**

**PROOF OF TRAINING**  
 THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Scott Benton**  
 has attended  
**Traffic Control Supervisor-LA State Specific**  
 Training Course

4/29/2020 to 4/30/2020  
 Date

LA  
 Location

*John F. Smith*  
 Vice President of Member Services  
*John F. Smith*  
 President, CEO

**ATSSA** American Traffic Safety Services Association ATSSA.com



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Scott Benton**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

4/28/2020 to 4/28/2020  
Date

Baton Rouge, LA  
Location

*[Signature]*  
Vice President of Member Services

*[Signature]*  
President, CEO



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)

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

Our team will provide a thorough QA/QC Plan upon contract award.

**22. Sub-consultant Information:**

<b>Firm Name (Name must match as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
<b>Volkert, Inc.</b>	7967 Office Park Blvd. Baton Rouge, LA 70809	Janet Evans, P.E. jan.evans@volkert.com	225.218.9440
<b>Civil Design &amp; Construction, Inc.</b>	PO Box 857, Port Allen, LA 70767/3251 Southern Pacific Rd.	Karla E. Weston, P.E. kweston@cdcbr.com	225.765.1802

(Add rows as needed)



23. Location:



# Gresham Smith

Genuine Ingenuity

Alpharetta, GA  
Atlanta, GA  
Baton Rouge, LA  
Birmingham, AL  
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  
Suwanee, GA  
Tallahassee, FL  
Tampa, FL

10000 Perkins Rowe  
Suite 280  
Baton Rouge, LA 70810  
225.757.5849  
[GreshamSmith.com](http://GreshamSmith.com)

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