

**Gresham Smith**



**LADOTD**

Entity Contract for Civic Center Blvd at Valhi Blvd | Contract No. 4400027210  
Terrebonne Parish, LA | July 13, 2023



## Genuine Ingenuity

10000 Perkins Rowe  
Suite 280  
Baton Rouge, LA 70810

225.757.5849  
GreshamSmith.com

July 13, 2023

Ms. Paulette Territo  
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  
Contract No. 4400027210  
Entity Contract for Civic Center Blvd at Valhi Blvd  
Terrebonne Parish

Dear Ms. Territo:

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

For the past 56 years Gresham Smith has partnered with our Transportation clients as a trusted advisor to help them deliver their transportation programs. Our local office is supported by key staff and national experts in our other 26 offices throughout the southeastern US. We deliver an unparalleled diversity and depth of RESOURCES rivaling those of much larger national firms, but we retain the dedicated, personalized service and RESPONSIVENESS of a local firm. Gresham Smith looks forward to continuing our great working relationship with DOTD staff on this program.

Since 2016, Gresham Smith has been performing the design of safety projects in accordance with LADOTD standards and guidelines. We have held the IDIQ contracts with various sections of LADOTD and have performed numerous task orders since we have established a presence in Louisiana over the past eight years. These task orders have included full intersection realignments, intersection improvements, signing and striping designs, guardrail designs, sidewalk and multi-use path designs, street and pedestrian lighting, traffic signal design and traffic and safety studies. Gresham Smith offers the LADOTD a partnership with both years of experience serving the department as employees and delivering successful projects, ahead of schedule, and in strict accordance with all LADOTD procedures and guidelines for several years.

Our primary proposed staff members for this program have been honored to build their careers with DOTD. Gaining experience with similar types of projects while instilling that required attitude that puts the needs of the communities and safety of the traveling public first. The following key staff members will be leading the effort on these projects and have their career foundation with DOTD.

**Gresham  
Smith**



- Richard Savoie, PE, Project Manager, will oversee day-to-day project tasks. Richard's 40-year career includes 34 years with the LADOTD in increasing roles culminating as the LADOTD Chief Engineer. In his four years as Chief Engineer, Richard provided guidance to staff, while promoting innovation, continuous improvement and efficient use of resources. He was responsible for establishing engineering standards, policies and procedures that guide program and project delivery, construction, and preservation of all transportation-related projects and systems. In addition, he was accountable for the on-time and on-budget delivery of the DOTD Highway Priority Program. Richard has served this same role on a number of our LADOTD projects.
- Brennon Hughes, P.E., Deputy Project Manager and Lead Design Engineer, will assist with the overall project management of this contract and 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. While at LADOTD, he worked on multi-million-dollar projects with multiple stakeholders including the design of the roundabout at the intersection of LA 22 at LA 70. Brennon has served this same role on a number of our LADOTD projects.
- Ronnie Robinson, P.E., Senior Transportation Engineer, will assist with development of the roadway design and construction cost estimates under this contract. Ronnie has 33 years of experience with Louisiana DOTD including 11 years in construction, 8 years as Manager of the Design & permits section, and 9 years as the ADA of Engineering, over the design of many similar projects that will be designed under this contract, water resources, permit, and materials testing sections. Ronnie has served this same role on a number of our LADOTD projects.
- Herbert "Bert" Moore II, P.E., PLS, PTOE, Project Executive and Gresham Smith's Louisiana Transportation Leader, is experienced with safety, traffic management, and maintaining the state's facilities. In his 24 years of experience as both as a consultant and as LADOTD's District Traffic Operations Engineer for District 61, Bert has demonstrated his knowledge of DOTD requirements and preferences, and proven adept at getting things done efficiently. As the Project Executive, Bert will ensure the team has the expertise and resources necessary for LADOTD's successful completion of this project and ensuring that it will be completed on-time and under budget.

The Gresham Smith team is eager, enthusiastic and available to start work immediately on this project. We respectfully ask for your consideration and appreciate the opportunity to present this proposal. Please feel free to contact me with any questions at 225.282.2101 or by email at [bert.moore@greshamsmith.com](mailto:bert.moore@greshamsmith.com) or our proposed project manager, Richard Savoie at 225.960.5483 or by email at [richard.savoie@greshamsmith.com](mailto:richard.savoie@greshamsmith.com)

Sincerely,

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


**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	Entity Contract for Civic Center Blvd at Valhi Blvd
2. Contract number(s) as shown in the advertisement	4400027210
3. State Project Number(s), if shown in the advertisement	H.012859.5
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):



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Date: July 13, 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): APS Firm(s)' %: 4%

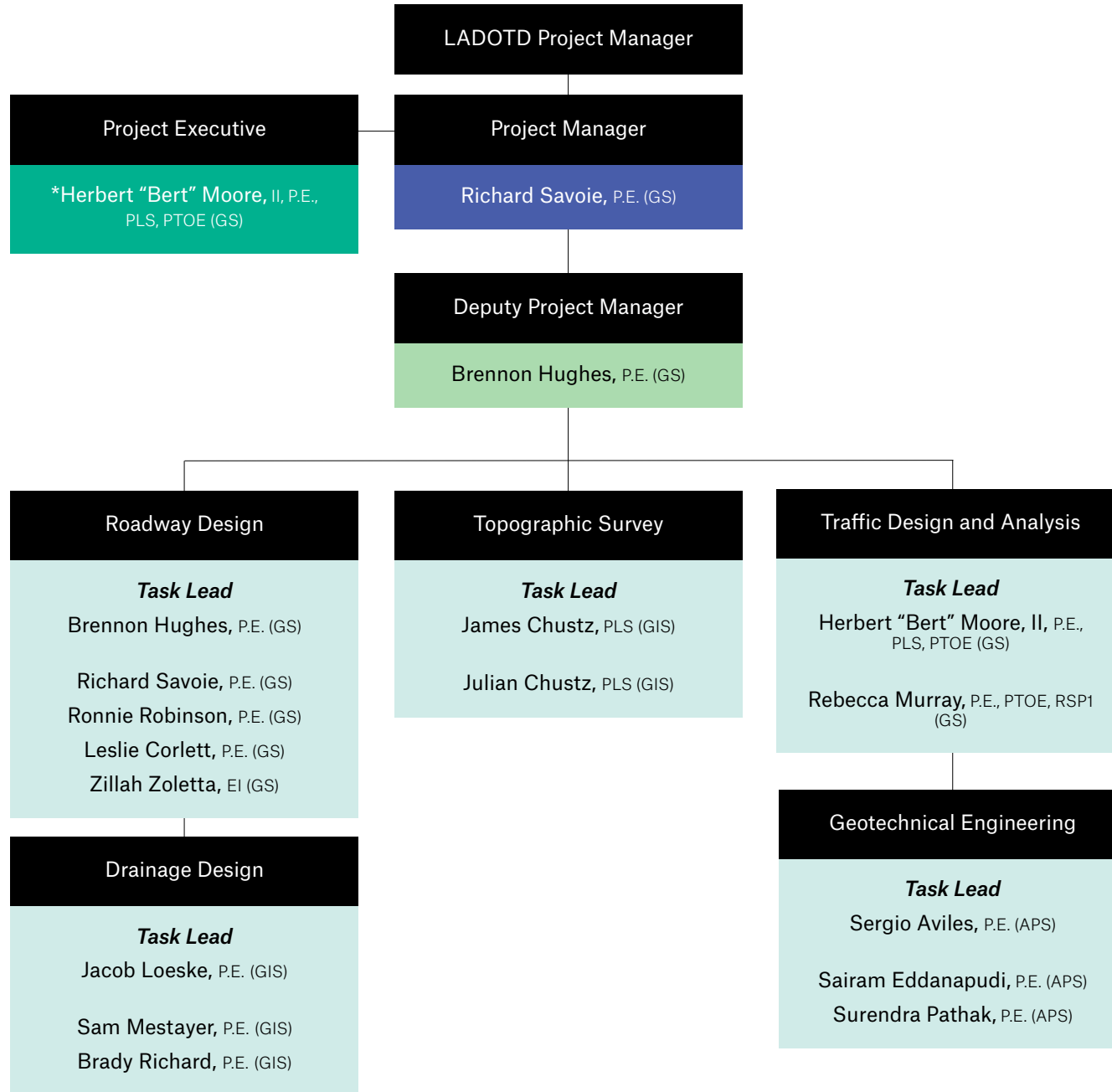
**12. Past Performance Evaluation Discipline Table:**

<b>Past Performance Evaluation Categories</b>	<b>% of Overall Contract</b>	<b>Gresham Smith (Prime)</b>	<b>GIS (Sub)</b>	<b>APS (DBE) (Sub)</b>	<b>Each Discipline must total to 100%</b>
<b>Road</b>	75%	80%	20%	0%	100%
<b>Survey</b>	15%	0%	100%	0%	100%
<b>Traffic</b>	6%	100%	0%	0%	100%
<b>Geotech</b>	4%	0%	0%	100%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
<b>Percent of Contract</b>	<b>100%</b>	<b>66%</b>	<b>30%</b>	<b>4%</b>	<b>100%</b>

**13. Firm Size:**

<b>Firm Name</b>	<b>DOTD Job Classification</b>	<b>Number of personnel committed to this contract</b>	<b>Total number of personnel available in this DOTD Job Classification (if needed)</b>
Gresham Smith	Principal	1	1
Gresham Smith	Supervisor-Engineer	2	6
Gresham Smith	Engineer	2	8
Gresham Smith	Engineer Intern	2	8
Gresham Smith	Senior Technician	2	6
Gresham Smith	Clerical	1	1
GIS Engineering, LLC	Supervisor-Engineer	1	2
GIS Engineering, LLC	Engineer	2	5
GIS Engineering, LLC	Surveyor	2	6
APS Engineering and Testing, LLC	Engineer	5	5
APS Engineering and Testing, LLC	Driller	7	7
APS Engineering and Testing, LLC	Technician	12	12

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</b> (Ex: PE # - Civil)	<b>State of license</b>	<b>License / certification expiration date</b>
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. 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.	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.	James Chustz, Jr., PLS	GIS	PLS LA 4657	Louisiana	PLS, LA 4657 Exp 3/31/2024
	Julian Alexander Chustz, PLS	GIS	PLS LA 5251	Louisiana	PLS, LA 5251 Exp. 9/30/2023

## 16. Staff Experience:


Gresham Smith


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

Project Executive

**Years of experience with this firm/employer** 9

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

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 1999 / Civil Engineering, Louisiana State University		
<b>Active registration number / state / expiration date</b>	P.E.0031065 / LA / Exp. 9/30/24   PTOE 2728 / Exp. 9/30/24   PLS 5043 / LA / Exp. 9/30/24		
<b>Year registered</b>	2004(PE); 2009(PTOE); 2010(PLS)	<b>Discipline</b>	P.E./Civil, PLS, PTOE
<b>Contract role(s) / brief description of responsibilities</b>	Project Executive / Bert will provide overall contract management and direction for our team and lead the team with traffic-related tasks as needed.		
<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	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 addressing bicycle and pedestrian needs within the roadway network. Bert has completed the LADOTD Traffic Analysis Process and Report Training.		
 04/20 – 12/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Senior Transportation Engineer.</b> Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Bert has assisted the team with roundabout analysis, temporary traffic control and sequencing of construction.		
07/18 – 12/21	<b>LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA   Project Executive.</b> 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. The reports were reviewed and evaluated using the safety triage safety tool box. Traffic analysis will be performed using HCS and Synchro and other software tools as needed. We reviewed historic traffic volume counts and TransCAD models and performed count analyses to develop regional growth rates for the study area. Bert was responsible for the review of traffic counts and traffic and safety analyses.		
04/18 – 05/19	<b>LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA   Project Executive.</b> Gresham Smith developed a TMP for the Rubbelization and Overlay on I-10 between I-210 and the LA 108 Interchange in Lake Charles, LA. This project included the mill and overlay of I-10, widening two flat deck bridges on I-10 to add a lane, and replacing all of the		

	concrete panels on I-10 through the LA 108 interchange. In order to replace the concrete panels on I-10, traffic was moved to a C/D road within the interchange and cloverleaf ramps were closed during construction. Two temporary traffic signals were designed to facilitate traffic at this interchange. This project included data collection and queue and safety analyses and traffic signal design. Bert was responsible for the overall study including overseeing the data collection review, conducting the queue and safety analysis, implementing the proper traffic control plans, development of the TMP report, the design of two temporary traffic signals and QA/QC.
07/19 – 12/21	<b>LADOTD, Lafayette Consolidate Government Adaptive Traffic Signals, Lafayette County, LA   Project Executive.</b> Gresham Smith was selected to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 76 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 76 adaptive signals, implementation of a new EVP system, integration support, and before and after travel studies. Bert was responsible for the project including overseeing data collection, traffic signal design, integration, before travel time studies and QA/QC of the preliminary and final plans.
10/17 – 04/18	<b>LADOTD, US 90 Bridge Maintenance over I-10 Ramps, Transportation Management Plan (TMP), Lake Charles, LA   Project Executive.</b> Gresham Smith was selected to develop a TMP for the replacement of the bridge deck of the US 90 overpass over I-10 in Lake Charles, LA. The project included working with the design engineers to determine the required lane closures for the construction, data collection and queue and safety analyses. Bert was responsible for the overall study including overseeing the data collection review, conducting the queue and safety analysis, implementing the proper traffic control plans and development of the TMP report.
05/17 – 03/19	<b>LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   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.
04/20 – 09/20	<b>LADOTD, Complex Bridge Inspections, Statewide, LA   Task Order 2 - Emergency Bridge Repairs, US 71 in Downtown Shreveport, LA   Project Executive.</b> In April 2020, a train derailment damaged Bent 3 of the Spring Street Bridge forcing the roadway closure. Gresham Smith was selected to perform the bridge repairs to open the bridge. Working with the selected contractor, helical piles were designed to support the new column foundations and crash wall. Bert served as Project Executive (Principal) and assisted with DOTD coordination.
11/08 – 11/14	<b>LADOTD, Baton Rouge, LA   District Traffic Operations Engineer.</b> While at LADOTD, Bert was responsible for reviewing, approving and developing plans for all signing, stripping and traffic signals as well as plans for all construction and maintenance work on the state highway system within District 61. Bert was also responsible for Transportation Management Plans (TMPs) for construction and maintenance activities.
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>






\*Icon represents key project highlighted in Section 17.

## 16. Staff Experience:

## Gresham Smith



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

 <b>Richard Savoie, P.E.</b> Project Manager		Years of experience with this firm/employer		5
		Years of experience with other firm(s)/employer(s)		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 manage the roadway design team, coordinate with the subconsultants and QC on all 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>			
 04/20 – 12/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Senior Engineer.</b> Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD’s Roadway Design Manual geometric requirements and LADOTD’s Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard is responsible for overall Quality Control on the project. He is mentoring the engineering staff on the field evaluation requirements, reviewing all potential improvements, and is responsible for QC reviews on the preliminary and final design plan submissions.			
 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 was responsible for Quality Control on the final design process.			
09/18 – 12/19	<b>LADOTD, SRTS/LRSP Task Order 14: Farmerville 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 LADOTD policy and procedure. Plans included installation of sidewalks along various local roadways, driveway adjustments to ensure ADA compliance and utility relocation avoidance.			
02/09 – 03/14	<b>LADOTD, Project and Program Delivery   Project Manager.</b> Richard was the Project Manager 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, Richard participated in many partnering sessions for the Huey P. Long Bridge widening, John James Audubon Bridge and the cable replacement for the I-310 Luling Bridge with contractors and designers. He was the first Director of <b>Value Engineering</b> when the department started their <b>Value Engineering</b> program in 1998. He participated in multiple <b>Value Engineering</b> sessions and led the <b>Value Engineering</b> study for the pavement replacement for I-10 thru Lake Charles.			




16. Staff Experience:

**Gresham Smith**



**Brennon Hughes, P.E.**  
Lead Roadway Design Engineer / Deputy Project Manager

<b>Years of experience with this firm/employer</b>	6
<b>Years of experience with other firm(s)/employer(s)</b>	6

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2011 / Civil Engineering, Louisiana State University		
<b>Active registration number / state / expiration date</b>	P.E.0039985 / LA / 3/31/24		
<b>Year registered</b>	2015	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>	Lead Roadway / Design Engineer / Brennon will lead the development of the roadway plans and development of bid packages.		
<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>		
 04/20 – 12/22	<b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   <i>Lead Roadway/Roundabout Design Engineer</i>.</b> Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Brennon led the design and preparation of preliminary plans and cost estimates. This project is currently undergoing scope adjustments for final design.		
 03/21 – Ongoing	<b>MSY Airport: Entrance Road Capacity Design   <i>Lead Roadway Design</i>.</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. He worked closely with Airport officials along with the consultant for the adjacent design-build project to coordinate the widening of the entrance road to the MSY Airport.		
 08/17 – 12/20	<b>LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   <i>Lead Roadway Design Engineer</i>.</b> Brennon led the design and the preparation of preliminary and final plans and cost estimates. This project involved safety and operations improvements for the intersection realignment, curb and gutter drainage design, sidewalks, truck islands and turnouts.		
10/15 – 08/17	<b>LADOTD, Multilane Roundabout LA 22 at LA 70 and LA 22 Geometric Improvements near I-10, Ascension Parish, LA   <i>Lead Roadway Design</i>.</b> This was a widening and intersection improvement project located at the intersection of LA 22 and LA 70 in Ascension Parish to north of I-10. This project included widening of LA 22, a double lane roundabout at LA 22 and LA 70 with a slip lane, along with two J-Turns north of I-10 and two J-Turns south of I-10 along LA 22. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates. He developed these plans from initial survey request up to 60% final plans.		
09/11 – 07/17	<b>LADOTD Roadway Group.   <i>Project Engineer</i>.</b> Prior to joining Gresham Smith, Brennon served with the LADOTD Roadway Group as a designer on various roadway projects including a new roundabout, widening projects, overlay projects, and intersection improvements.		
<b>Certifications (See section 20)</b>	<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

<p><b>Years of experience with this firm/employer</b></p>	6
	<p><b>Years of experience with other firm(s)/employer(s)</b></p>

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 1982 / Civil Engineering, Louisiana State University		
<b>Active registration number / state / expiration date</b>	P.E.0024040 / LA / 3/31/24		
<b>Year registered</b>	1988	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>	Senior Transportation Engineer / Ronnie will assist with the road design tasks for the preliminary and final plans.		

<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>
 04/20 – 12/22	<p><b>City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design   Senior Transportation Engineer.</b> Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Ronnie provided quality control for the preliminary design phase, participated in the plan-in-hand meeting, and will provide design assistance for the development of the final design plans.</p>
 02/17 – 12/20	<p><b>LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA   Senior Transportation Engineer.</b> Ronnie’s responsibilities included assisting in the development of 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.</p>
07/17 – 06/19	<p><b>LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Intersection Improvements 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.</p>
03/16 – 10/17	<p><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.</p>
Career	<p>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</p>

16. Staff Experience:

Gresham Smith



**Leslie Corlett, P.E.**  
Senior Roadway Engineer | Birmingham, AL

<b>Years of experience with this firm/employer</b>	18
<b>Years of experience with other firm(s)/employer(s)</b>	2

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 1996 / Civil Engineering, Auburn University		
<b>Active registration number / state / expiration date</b>	PE.25726 / AL / Exp. 12/31/23		
<b>Year registered</b>	2003 (AL PE)	<b>Discipline</b>	<b>Year registered</b>
<b>Contract role(s) / brief description of responsibilities</b>	Senior Transportation Engineer / Leslie will assist with the road design tasks for the preliminary and final plans.		
<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>		
7/15 – 12/15	<b>ALDOT, North Region Roundabout Feasibility Study, US 72 at SR 79, Scottsboro, AL   Project Professional.</b> Leslie supported the team to complete a roundabout feasibility study to determine the safety and operational benefits and feasibility of a roundabout at the intersection of US 72 at SR 79. This existing two way stop controlled intersection has seen 29 crashes in a five-year period, with 24 of these crashes being angle crashes, and 15 of the crashes being serious injury crashes.		
3/15 – 10/15	<b>ALDOT, Roundabout Design Support, Various Counties, AL   Transportation Engineer.</b> As a task order under Gresham Smith’s Transportation Support Services Contract with ALDOT, Leslie provided design support to ALDOT’s Roadway Design Section for the design of three roundabouts: US 231 at US 411/CR 33 in St. Clair County, SR 160 at SR 79 in Blount County, and SR 5 at CR 58 in Bibb County. Gresham assisted ALDOT’s designers with the initial horizontal and vertical geometry for the roundabouts.		
1/16 – 6/16	<b>ALDOT, 5th Street at the SR-13 Interchange from Main Avenue to Bridge Avenue, Roundabout Feasibility Study, HSIP-6315, Northport, AL   Transportation Engineer.</b> Leslie studied the existing and projected traffic volumes at four intersections along 5th Street within and adjacent to the SR 13 interchange to determine if the traffic operation would benefit by the construction of roundabouts at these intersections.		
2/16 – 6/16	<b>ALDOT, CR 13 at CR 30 Roundabout Peer Review, Baldwin County, AL   Supervisor.</b> Leslie assisted the team to complete a roundabout peer review of the proposed Alabama Transportation Rehabilitation and Improvement Program (ATRIP) roundabout project at CR 13 and CR 30 for the ALDOT Southwest Region, Mobile Area County Transportation Office.		
3/17 – 7/17	<b>McCollum Parkway and Big Shanty Road Intersection Improvements Concept Study, Cobb County, GA   Roadway &amp; Traffic Engineer.</b> Leslie provided design and engineering services for two new transportation projects. The team designed intersection and sidewalk improvements for McCollum Parkway at Big Shanty Road and Ben King Road and designed a bridge replacement for Willeo Road over Willeo Creek, as part of the county’s Bridge Replacement Program.		

## 16. Staff Experience:

## Gresham Smith





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

		<b>Years of experience with this employer</b>		8
		<b>Years of experience with other employer(s)</b>		0
<b>Degree(s) / Years / Specialization</b>		Bachelor of Science / 2015 / Civil Engineering, Louisiana State University		
<b>Active registration number / state / expiration date</b>		P.E.0043788 / LA / Exp. 3/31/24   PTOE 4861 / Exp. 3/26/23   RSP1 611 / Exp. 4/5/24		
<b>Year registered</b>		2019 (LA) 2020 (PTOE) 2021 (RSP1)	<b>Discipline</b>	P.E./Civil; PTOE; RSP1
<b>Contract role(s) / brief description of responsibilities</b>		Traffic Engineer / Rebecca will support the team with traffic related tasks.		
<b>Experience dates (mm/yy–mm/yy)</b>	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</b>			
10/16 – 03/17	<b>LADOTD, SRTS/LRSP Task Order 2: McMillan Street Traffic Study, Monroe, LA   Pre-Professional.</b> 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.			
05/21 – Ongoing	<b>MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA   Engineer.</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.			
10/28 – Ongoing	<b>LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA   Traffic Engineer.</b> Gresham Smith was selected to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of 190 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel studies. Rebecca is responsible for coordinating field data collection, travel time studies and developing design of traffic signals.			
04/18 – 05/19	<b>LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA   Pre-Professional.</b> Gresham Smith developed a TMP for the Rubbelization and Overlay on I-10 between I-210 and the LA 108 Interchange. Included the mill and overlay of I-10, widening two flat deck bridges on I-10 to add a lane, and replacing all of the concrete panels on I-10 through the LA 108 interchange. Traffic was moved to a C/D road within the interchange and cloverleaf ramps were closed during construction. Two temporary traffic signals were designed to facilitate traffic at this interchange, and this project included data collection and queue and safety analyses and traffic signal design. Rebecca assisted with traffic counts and queue analysis, safety analysis, alternate route/detour analysis, temporary traffic control, and development of the TMP report.			
08/22 – 12/23	<b>LADOTD, LRSP TO #6 LA 14 – US 90 to Power Center Parkway Traffic Report, Lake Charles, LA   Traffic Engineer.</b> Gresham Smith is analyzing no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 through the development of a traffic report. This report will also inform recommendations that improve safety/operation and access management.			



16. Staff Experience:

**Gresham Smith**

 <p><b>Zillah Zoleta, E.I.</b> Engineer Intern</p>	<p><b>Years of experience with this employer</b></p>		1
	<p><b>Years of experience with other employer(s)</b></p>		0
<p><b>Degree(s) / Years / Specialization</b></p>	<p>Bachelor of Science / 2022 / Civil Engineering / Louisiana State University</p>		
<p><b>Active registration number / state / expiration date</b></p>	<p>EI. 0035238 / LA / 3/31/2025</p>		
<p><b>Year registered</b></p>	2022	<p><b>Discipline</b></p>	Civil
<p><b>Contract role(s) / brief description of responsibilities</b></p>		<p>Engineer Intern / Zillah will support the Roadway team.</p>	
<p><b>Experience dates (mm/yy–mm/yy)</b></p>	<p><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></p>		
<p>09/21 – 03/22</p>	<p><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 two bridges. She captured and counted multi-directional data for each intersection.</p>		
<p>07/22 - Ongoing</p>	<p><b>LADOTD, 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.</p>		
 <p>08/22 – Ongoing</p>	<p><b>City of Gonzales, US 61 Superstreet (Lowe Ave to LA 44), Gonzales, LA   <i>Engineer Intern</i>.</b> Gresham Smith is currently performing the design to convert this section of US 61 to a Superstreet. This design will remove all of the uncontrolled median breaks and replace them with directional median U-Turn or J-Turn with exclusive turn lanes. These J-Turns will be controlled by a 2 phased traffic signal which will only stop one direction of US 61 so that the U-Turns can be made. Additionally, the existing signalized intersection of US 61 at Lowe and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). Zillah is supporting geometric design and developing typical sections and plan profile sheets.</p>		
<p>06/21 – Ongoing</p>	<p><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 LADOTD’s traffic control standards.</p>		
<p>06/21 – Ongoing</p>	<p><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.</p>		

16. Staff Experience:

**APS Engineering and Testing, LLC**



**Sergio Aviles, P.E.**  
President

	<b>Years of experience with this firm/employer</b>	11
	<b>Years of experience with other firm(s)/employer(s)</b>	10

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2001 / Geotechnical		
<b>Active registration number / state / expiration date</b>	P.E. 0033571 / LA / Exp. 3/31/24		
<b>Year registered</b>	2007	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>	Project Manager/Design guidance/Field Crew and lab management.		
<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>		
11/19 – Present	<b>Project No. H.001352 and H.002273 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> APS was selected with the winning team for the design of the diversion CMAR project. APS will be the Geotechnical designers for the project. Sergio is the project manager for the project design team CMAR project		
09/19 – 06/20	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils. A total of eight (8) over the waterborings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Sergio was the project manager for the Geotechnical Investigations associated with CMAR project.		
12/19 – 3/20	<b>Project No. H.010155 US 90 Railroad Overpass SE of LA 85-</b> APS was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. Sergio is the project manager for the project design team.		
03/19 – 05/19	<b>Project No. H.001344 US 190 over Bogue Falaya River-</b> APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Sergio is the project manager for the project design team.		
08/16 – 10/19	<b>Project No. H.012422: I-10/I-110 Interchange Modification at Terrace Ave-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by APS Laboratory. Sergio was the project manager for the Geotechnical Investigations.		
11/17 – 2/18	<b>Project No. H.013193 US 61 Thompson Creek Bridge Replacement-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Sergio was the project manager for the Geotechnical Investigations.		

<p>07/14 – 08/14</p>	<p><b>Project No. 700-51-0110: US 90 elevated portion for the future I-49 corridor.</b> APS performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 boring and 11 CPT along with all the testing required by LADOTD. Sergio was the project manager for the Geotechnical investigations and analysis as assigned for roads and bridges design.</p>
<p>2001 – 2005</p>	<p>The following lists consist of projects that Sergio did the design or assisted on the design while at LADOTD. These projects included pile design, slope stability, settlement analysis, and construction services (PDA, CAPWAP, and WEAP).</p> <p><b>ONSYSTEM PROJECTS LIST:</b></p> <p>Sergio served as the staff geotechnical engineer while with the Pavement and Geotechnical Section for the following projects below: Below projects varies from Embankment Design, Pile Design, Drilled Shaft design, MSE wall design, and construction supervision.</p> <p>Major projects cost estimated over one million dollars:</p> <p>015-04-0037 LA524-LA123 Route US165, 015-05-0035 LaSalle, 015-07-0044 (Route 165 Cadwell, 276-03-0016 Tangipahoa River Bridge, 3132 Innerloop 427-01-0029, 362-01-0009 Rat Bois, 452-01-0039 I-55 CrossOvers, 742-07-0098 Susek Drive, Bayou Perrie and Sand Beach Bayou 103-01-0025, Broadway Ave.700-40-0127, Cameron Route La. 27 193-02-0042, Causeway Boulevard interchange Route I-10 450-15-0098, Clayton-Greenville 026-03-0025, Crescent City Connection 283-08-0143(46), Cross Bayou Bridge 090-01-0020, Flannery at Florida 742-17-0008.</p>

## 16. Staff Experience:

## APS Engineering and Testing, LLC

**Sairam Eddanapudi, P.E.**

Chief Engineer

		<b>Years of experience with this firm/employer</b>		11
		<b>Years of experience with other firm(s)/employer(s)</b>		9
<b>Degree(s) / Years / Specialization</b>		Master of Science / 2002 / Civil Engineering / Lamar University Bachelor of Science / 1999 / Civil Engineering, Sri Venkateswara University, India		
<b>Active registration number / state / expiration date</b>		P.E. 0035129 / LA / Exp. 3/31/24		
<b>Year registered</b>		2008	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>		Laboratory QA Manager- Will be in charge of all daily operation of the project/QA/Design Engineer.		
<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>			
11/19 – Present	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> APS was selected with the winning team for the design of the diversion CMAR project. APS will be the Geotechnical designers for the project. Sairam is the Senior Design Engineer for the project design team.			
09/19 – Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils. A total of eight (8) over the waterborings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Sairam was the project QA for the Geotechnical Investigations for the CMAR project.			
03/19 – 05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Sairam is the Senior Design Engineer for the project design.			
08/16 – 10/19	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by APS Laboratory. Sairam was QA for the Geotechnical Investigations.			
11/17 – 2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Sairam was QA for the Geotechnical Investigations.			

## 16. Staff Experience:

## APS Engineering and Testing, LLC


**Surendra Raj Pathak, P.E.**

Staff Engineer

		<b>Years of experience with this firm/employer</b>		9
		<b>Years of experience with other firm(s)/employer(s)</b>		10
<b>Degree(s) / Years / Specialization</b>		Master of Science / Civil Engineering / 2013 / Mississippi State University Master of Science / Civil Engineering / 2007 / Norwegian University of Science and Technology Bachelor of Science / Civil Engineering / 1998 / Madan Mohan Malaviya University of Technology		
<b>Active registration number / state / expiration date</b>		P.E. 0043487 / LA / Exp. 9/31/23		
<b>Year registered</b>		2019	<b>Discipline</b>	P.E./Civil
<b>Contract role(s) / brief description of responsibilities</b>		Staff Engineer-Review field logs, lab data, and Design Engineer.		
<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>			
11/19 – Present	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> APS was selected with the winning team for the design of the diversion CMAR project. APS will be the Geotechnical designers for the project. Surendra is a design Engineer for the project design team.			
09/19 – Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils. A total of eight (8) over the waterborings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Surendra was the project QC for the Geotechnical Investigations.			
03/19 – 05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> APS was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Surendra was a Design Engineer for the project design team.			
08/16 – 10/19	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU)and Atterberg Limits by APS Laboratory. Surendra was QC for the Geotechnical Investigations.			
11/17 – 2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> APS was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Surendra was QC for the Geotechnical Investigations.			

16. Staff Experience:

GIS Engineering, LLC

 <b>Jacob Loeske, P.E. LSI</b> Civil Engineer	<b>Years of experience with this employer</b>	3
	<b>Years of experience with other employer(s)</b>	18

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2002 / Environmental Engineering
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<b>Active registration number / state / expiration date</b>	PE. 33285 / LA / 9/30/2023
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<b>Year registered</b>	2007	<b>Discipline</b>	Civil
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<b>Contract role(s) / brief description of responsibilities</b>	Civil Engineer / Jacob will lead the drainage design tasks.
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
05/17 - 03/21	<b>LA 30 Roundabouts at Tanger I-10, LADOTD, Ascension Parish, LA   <i>Project Manager, serving as Engineer of Record.</i></b> Jacob was responsible for providing oversight for all necessary engineering and related services required for the design of four multi-lane roundabouts along LA 30 using best access management practices creating a roundabout corridor for a heavily traversed commercial interchange at I-10 in Gonzales, LA. Jacob also provided QA of typical sections, pedestrian and bicycle design, roadway geometrics, roundabout geometrics, drainage design, and driveway details for this LADOTD Project.
05/17 – 03/21	<b>US 171 at Boone St. Roundabout, LADOTD, Vernon Parish, LA   <i>Project Manager, serving as Engineer of Record.</i></b> Jacob was responsible for providing oversight for all necessary engineering and related services required for the design of a three-legged multi-lane roundabout and multiple intersection improvements using best access management practices with directional left turns, median closures, and bulb outs. Jacob also provided QA of typical sections, drainage design, roadway geometrics, roundabout design, and driveway details for this LADOTD Project.
09/12 – 05/15	<b>LA 59 at Lonesome Road Roundabout, St. Tammany Parish Government, Mandeville, LA   <i>Lead Civil Engineer.</i></b> Jacob was responsible for assisting with roundabout design, including drainage; typical sections; summary of quantities; coordination of public outreach/involvement, and quality assurance of milestone deliverables. Design of a roundabout at the intersection of LA 59 and Lonesome Road.
04/13 – 05/15	<b>US 84 Widening Environmental Assessment, LADOTD, Winnfield, LA   <i>Engineer.</i></b> Environmental assessment for US 84 on the west and east sides of the City of Winnfield, including line and grade studies, alignment alternates, environmental impacts, and traffic and bridge studies. Deputy Project Manager responsible for assisting with coordination, open-house format public meetings/hearings per the NEPA guidelines, evaluating alternative developments, assisting in environmental inventory of the study corridor, and QC submittals.
02/12 – 05/15	<b>US 425 Roundabout Design, LADOTD, Rayville, LA   <i>Engineer.</i></b> Design of a roundabout at the intersection of US 425 and Grimshaw Street and Christian Drive and relocation of an existing frontage road, including construction phasing, cost estimates, and drainage design. Regional Operations Manager/Sr Engineer responsible for assisting with roundabout design, including drainage; typical sections; summary of quantities; and quality assurance of milestone deliverables.

<p>07/09 – 03/12</p>	<p><b>US 61 Intersection Improvements, Belle Terre Blvd at US 61, LADOTD, LaPlace, LA   Engineer.</b> Preliminary and final plans, and special provisions for double left turning movement along US 61 to allow additional storage and improve functionality through the LA 3088 (Belle Terre) intersection. Project Manager responsible for coordinating of topographic surveying, geotechnical investigations and reports, LADOTD Urban Systems, LADOTD District 62, RPC, and Parish officials. Also assisted in preliminary and final roadway and signal design and opinions of probable costs.</p>
<p>03/08 – 03/09</p>	<p><b>LA 59/I-12 Interchange Improvements, LADOTD, Slidell, LA   Engineer.</b> Provided preliminary plans, final plans, geotechnical services, traffic analysis, signal design, and environmental services for improvements to the interchange of LA 59 at I-12 in an expedited fashion to qualify as a shovel-ready project for the ARRA Program. Senior Staff Engineer responsible for processing survey data, assisting in design of ramp widening and multiple impacted intersections on the north and south sides of I-12, coordinating between LADOTD and the Parish, verifying project quantities, and completing the opinion of probable cost.</p>

16. Staff Experience:

GIS Engineering, LLC

 <b>Sam Mestayer, P.E.</b> Transportation Engineer	<b>Years of experience with this employer</b>	1
	<b>Years of experience with other employer(s)</b>	5

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2016 / Environmental Engineering
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<b>Active registration number / state / expiration date</b>	PE. 45933 / LA / 3/31/2024
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<b>Year registered</b>	2021	<b>Discipline</b>	Civil
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<b>Contract role(s) / brief description of responsibilities</b>	Civil Engineer / Sam will support the drainage design tasks.
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<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>
01/22 – 03/22	<b>S.P. NO. H. 014407, RODDY RD. @ LA 621 ROUNDABOUT – LADOTD, Ascension Parish, LA   <i>Project Manager and Engineer of Record.</i></b> Sam was responsible for the design and plan development of a single lane roundabout, including right turn slip lanes in the northbound and southbound directions, in Ascension Parish. Sam is responsible for the development of all project design criteria and report forms, horizontal and vertical alignments, right-of-way taking determination, construction phasing, cross sectional pavement design, striping/signing, and storm sewer network design and calculations. He was responsible for coordinating property surveys and right-of-way maps with the survey team. He is also responsible for the coordination with traffic engineers in determining the proper intersection improvements at this location.
07/19 – 07/20	<b>S.P. NO. H.001344 - US 190: LA 437 TO US 190 BUS. PH. 1 – LADOTD, Covington, LA   <i>Engineering Support.</i></b> This project consists of the asymmetrical widening of the existing US 190 into a four-lane divided roadway with J-Turns through a series of intersections, including the construction of a new bridge over the Bogue Falaya River in Covington, LA. Sam designed and detailed several unique aspects of the project including a sheet pile wall and non-standard pier protection units. He also designed the 36” median barrier which ties into the existing bridge railing. In addition to these unique elements, he also supported our engineering team by developing typical sections, plan/profiles, geometric layouts, graphical grades, and quantities. Also, I was responsible for identifying all utility conflicts, providing a utility conflict matrix, and providing utility companies with a plan set with all conflicts explained and identified.
05/19 – 10/20	<b>S.P. NO. H. 011152, I-12 WIDENING (US 190 TO LA 59) – LADOTD, St. Tammany Parish, LA   <i>Engineering Support.</i></b> Sam provided engineering support and assisted with roadway vertical and horizontal alignment development, roadway cross sectional element design, drainage analysis and design, intersection geometric design and roadway plan production, median barrier design, pier protection design, guardrail design, and temporary interstate ramp sequencing of construction for the widening and reconstruction of four miles of Interstate 12 in Mandeville, LA.



<p>07/19 – 07/20</p>	<p><b>Degravelle Rd. Improvements – St. Mary Parish Government, St. Mary Parish, LA   <i>Engineering Support.</i></b> Sam provided engineering support for the widening, reconstruction, and overlay of a 1.5 mile, 2-lane roadway in Amelia, LA. He was responsible for the design of the roadway pavement section, horizontal and vertical alignments, subsurface drainage, and intersection geometry improvements. Sam also led the preparation of preliminary and final plan sets, cost estimates and project specifications. He provided Construction Support by coordinating with Project Inspectors, Contractor and Owner, reviewing pay applications, and reviewing and responding to all RFI's and Submittals.</p>
<p>05/19 – 10/20</p>	<p><b>S.P. No. H. 011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA   <i>Engineering Support.</i></b> Sam provided engineering support and assisted with roadway vertical and horizontal alignment development, roadway cross sectional element design, drainage analysis and design, intersection geometric design and roadway plan production, median barrier design, pier protection design, guardrail design, and temporary interstate ramp sequencing of construction for the widening and reconstruction of four miles of Interstate 12 in Mandeville, LA.</p>

16. Staff Experience:

GIS Engineering, LLC



**Brady Richard, P.E.**  
Civil Engineer

<b>Years of experience with this employer</b>	2
<b>Years of experience with other employer(s)</b>	15

<b>Degree(s) / Years / Specialization</b>	Bachelor of Science / 2002 / Civil Engineering		
<b>Active registration number / state / expiration date</b>	PE. 35600 / LA / 9/30/2024		
<b>Year registered</b>	2010	<b>Discipline</b>	Civil
<b>Contract role(s) / brief description of responsibilities</b>		Civil Engineer / Brady will support the drainage 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>		
10/20 - 03/21	<b>Highland Road Improvements, Baton Rouge, East Baton Rouge Parish, LA   <i>Drainage Design Lead</i>.</b> Brady was responsible for the development of existing and proposed subsurface drainage maps, proposed subsurface drainage layout using HYDRWIN, and verbiage for the Drainage Analysis section of the City of Baton Rouge’s report submittal.		
03/18 - 03/21	<b>LA 30 Roundabouts at Tanger I-10, LADOTD, Ascension Parish, LA   <i>Drainage Design Lead</i>.</b> Brady was responsible for providing complex drainage design of a roundabout corridor located along LA 30 in Gonzales, LA. Utilized HYDRWIN and Storm CADD to perform the drainage analyses, determine the proposed drainage design structures and sizes, and completed the project Hydraulics Report.		
03/18 - 03/21	<b>US 171 at Boone St. Roundabout, LADOTD, Vernon Parish, LA   <i>Drainage Design Lead</i>.</b> Brady was responsible for providing drainage design of a three-legged multi-lane roundabout and multiple intersection improvements using HYDRWIN and Storm CADD. Brady drainage design encompasses hydraulic analyses, design drainage map, summary of structures, and hydraulic calculations in accordance with the LADOTD Hydraulics Manual.		
02/19 – 06/20	<b>LA 675 &amp; LA 87 Improvements, LADOTD, New Iberia, LA   <i>Drainage Design Lead</i>.</b> Brady served was responsible for drainage design of a parallel storm sewer trunk line. Utilized HYDRWIN and worked on the hydraulics report in accordance with LADOTD Hydraulics Manual.		
02/17 – 06/19	<b>Recovery Roads Program – Village De L’est Neighborhood, New Orleans, Orleans Parish, LA   <i>Civil Engineer</i>.</b> Brady was responsible for assisting in roadway scoping, pavement rehabilitation design, plan preparation, construction administration, and construction resident inspection for 7.5 miles of urban local roadway. Scope included milling and asphaltic concrete (AC) overlay, AC patching, Portland Cement Concrete patching, composite pavement patching, driveway repairs, sidewalk repairs, waterline repairs, utility adjustments, and sewer repairs.		

16. Staff Experience:

GIS Engineering, LLC



**James Chustz, Jr., PLS**  
Survey Project Manager

<b>Years of experience with this employer</b>	2
<b>Years of experience with other employer(s)</b>	46

<b>Degree(s) / Years / Specialization</b>	Boundary Survey Classes / 1983 / Louisiana State University		
<b>Active registration number / state / expiration date</b>	PLS 4657 / LA / 3/31/2024		
<b>Year registered</b>	1992	<b>Discipline</b>	Professional Land Surveyor
<b>Contract role(s) / brief description of responsibilities</b>	Professional Land Surveyor / James is registered in the state of Louisiana with 5 years minimum experience in responsible charge of performing topographic surveys. Meets MPR 4.		
<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>		
03/22-08/22	<b>LA 20: LA 304 – LA 307, Chackbay, LADOTD, H.014728.5.   Project Manager.</b> James was responsible for the overall management of this job. The types of surveys that were provided were Topographic, Hydrographic, Aerial LiDAR and Photogrammetry, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.		
11/21-02/22	<b>LA 73 Bayou Manchac Bridge, LADOTD, H.012563.5.   Project Manager.</b> James was responsible for the overall management of this job. The types of surveys that were provided were Topographic, Aerial LiDAR, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.		
08/21-12/21	<b>LA 301 Priest Cana Bridge, Crown Point, LADOTD, H.014284.5.   Project Manager.</b> James was responsible for the overall management of this job. The types of surveys that were provided were Topographic, Hydrographic, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.		
07/21-10/21	<b>LA 29 Bayou Cocodrie Bridge Scour Repair, LADOTD, H.014633.5.   Project Manager.</b> James was responsible for the overall management of this job. The types of surveys that were provided were Topographic, Aerial LiDAR and Photogrammetry, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files Repositioned.		
09/16-01/17	<b>I-10 Cable Barrier, Lafayette to Jennings, DOTD, H.010962.   Project Manager.</b> James was responsible for overall management of this job. The types of surveys that were provided were Aerial LiDAR, RTK Control and Ground Truthing, and Static GPS. Deliverables included ASCII and LAS Files.		

16. Staff Experience:

GIS Engineering, LLC



**Julian Chustz, PLS**  
Data Supervisor

**Years of experience with this employer** 2

**Years of experience with other employer(s)** 13

**Degree(s) / Years / Specialization** Bachelor of Science / 2012 / Geomatics / NSU

**Active registration number / state / expiration date** PLS 4657 / LA / 9/30/2023

**Year registered** 2021 **Discipline** Professional Land Surveyor

**Contract role(s) / brief description of responsibilities** Professional Land Surveyor / Julian is registered in the state of Louisiana with 5 years minimum experience in responsible charge of performing topographic surveys. Meets MPR 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 years of experience specified in the applicable MPR(s).**

11/21-02/22 **LA 73 Bayou Manchac Bridge, LADOTD, H.012563.5. | Data Supervisor.** Julian was responsible for data coordination and deliverables. The types of surveys that were provided were Topographic, Aerial LiDAR, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.

03/22-08/22 **LA 20: LA 304 – LA 307, Chackbay, LADOTD H.014728.5. | Data Supervisor.** Julian was responsible for data coordination and deliverables. The types of surveys that were provided were Topographic, Hydrographic, Aerial LiDAR and Photogrammetry, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.

07/21-10/21 **LA 29 Bayou Cocodrie Bridge Scour Repair, LADOTD, H.014633.5. | Data Supervisor.** Julian was responsible for data coordination and deliverables. The types of surveys that were provided were Topographic, Aerial LiDAR and Photogrammetry, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files. repositioned.

08/21-12/21 **LA 301 Priest Cana Bridge, Crown Point, LADOTD, H.014284.5. | Data Supervisor.** Julian was responsible for data coordination and deliverables. The types of surveys that were provided were Topographic, Hydrographic, Static GPS, and RTK. Deliverables included Microstation InRoads DGN, DTM, and ALG files, Utility Forms, GPS Photos, and ASCII Files.

09/16-01/17 **I-10 Cable Barrier, Lafayette to Jennings, DOTD, H.010962. | Data Supervisor.** Julian was responsible for data coordination and deliverables. The types of surveys that were provided were Aerial LiDAR, RTK Control and Ground Truthing, and Static GPS. Deliverables included ASCII and LAS Files.

17. Firm Experience:

<b>Gresham Smith</b>		<b>Past Performance Evaluation Discipline(s)*</b>   Road	
<b>Hooper Road at Sullivan Road Roundabout Design</b>			<b>Firm responsibility (prime or sub?)</b> Sub
<b>Project number</b>	H.002320	<b>Owner's name</b>	City of Central (LA)
<b>Project location</b>	Central, Louisiana	<b>Owner's Project Manager</b>	Toby Picard, P.E.
<b>Owner's address, phone, email</b>	13421 Hooper Road, Suite 8, Central, LA / 225.379.1302 / toby.picard@la.gov		
<b>Services commenced by this firm (mm/yy)</b>	04/20	<b>Total consultant contract cost (\$1,000's)</b>	\$195
<b>Services completed by this firm (mm/yy)</b>	12/22	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$195

**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.**

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



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

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

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

**Nature of firm's responsibility:** Sub Consultant; Responsible for Developing Preliminary and Final Roundabout Design Plans.

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

17. Firm Experience:

<b>Gresham Smith</b>		<b>Past Performance Evaluation Discipline(s)*</b>   Road	
<b>SRTS/LRSP Task Order #6 and #21: Endom Bridge</b>			<b>Firm responsibility (prime or sub?)</b> Prime
<b>Project number</b>	H.012279; H.012279.5	<b>Owner's name</b>	Louisiana Department of Transportation and Development
<b>Project location</b>	West Monroe, Louisiana	<b>Owner's Project Manager</b>	Laura Riggs, P.E.
<b>Owner's address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / laura.riggs@la.gov		
<b>Services commenced by this firm (mm/yy)</b>	12/17	<b>Total consultant contract cost (\$1,000's)</b>	\$251
<b>Services completed by this firm (mm/yy)</b>	12/20	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$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 is to realign the Coleman Avenue approach to the Endom Bridge to improve intersection sight distance and safety for pedestrians and vehicles. This project will include pedestrian facilities including walking paths long Endom Bridge and the Ouachita River.

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

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



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

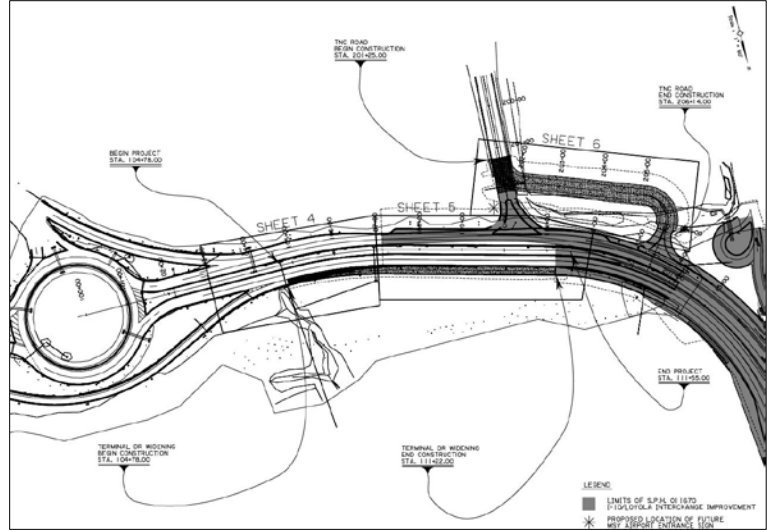
17. Firm Experience:

<b>Gresham Smith</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Road
<b>MSY - Task 4: Entrance Road Capacity</b>			<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	N/A	<b>Owner's name</b>	New Orleans Airport (MSY)	
<b>Project location</b>	Kenner, LA	<b>Owner's Project Manager</b>	Kenny Boyd	
<b>Owner's address, phone, email</b>	1 Terminal Dr, Kenner, LA 70062 / 303.641.9729 / ksboyd@burnsmcd.com			
<b>Services commenced by this firm (mm/yy)</b>	03/21	<b>Total consultant contract cost (\$1,000's)</b>	\$180.5	
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$180.5	

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

Executed under a general engineering contract, 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 I-10 at Loyola Interchange Design-Build project that is currently under construction for LADOTD, improving the flow of traffic from MSY.

Additionally, Gresham Smith is tasked with the design of the new Transportation Network Companies (TNC) Uber lane roadway. This is a new alignment design which will realign the existing TNC Lane to a tie in point west of the existing location, tying into a turnout being constructed under the I-10 at Loyola Interchange Design-Build project. The completed new alignment roadway will provide access to a dedicated parking lot for ride-share vehicles approaching the airport and awaiting arrivals.



From the start, this project involved constant communication with both MSY Airport representatives along with coordination with the consultant for the I-10 at Loyola Interchange Design-Build project. A key aspect of this project was coordinating with the I-10 at Loyola Interchange Design-Build project which is currently under construction in order to facilitate a smooth transition for the widening of the roadway. This project was signed and sealed recently and is currently under construction.

**Nature of firm's responsibility:** Prime  
**Firm members involved include:** Bert Moore, Brennon Hughes, Ronnie Robinson and Richard Savoie.

17. Firm Experience:

<b>Gresham Smith</b>		<b>Past Performance Evaluation Discipline(s)*</b>   Road / Traffic	
<b>US 61 Superstreet: Lowes Ave to Malco Theater</b>			<b>Firm responsibility (prime or sub?)</b>   Prime
<b>Project number</b>	H.015097	<b>Owner's name</b>	City of Gonzales
<b>Project location</b>	Gonzales, LA	<b>Owner's Project Manager</b>	Jackie Baumann, P.E.
<b>Owner's address, phone, email</b>	120 South Irma Boulevard, Gonzales, LA 70737 / 225.647.9589 / jackie@gonzalesla.com		
<b>Services commenced by this firm (mm/yy)</b>	08/22	<b>Total consultant contract cost (\$1,000's)</b>	\$435
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$320

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



Gresham Smith was selected by the City of Gonzales to provide the engineering design for the US 61 (Airline Highway) Superstreet segment from Lowes Avenue to just east of the MALCO Driveway. This section includes the intersection of US 61 at LA 44. Gresham Smith is the prime consultant for this contract which includes survey, geotechnical, preliminary design, right-of-way maps, final design, traffic signal design, and construction administration. These services listed will be performed in accordance with LADOTD specifications and guidelines.

The US 61 within the city limits of Gonzales consists of dense commercial development and has experienced significant growth related to the commercial development. Currently US 61 consists of a 4-lane divided roadway with dense driveway spacing, uncontrolled median breaks and a number of signalized intersections. These characteristics combined with increasing volumes result in an increase of crashes. Due to the safety concerns, improvements to convert US 61 into a Superstreet through this area was initiated. The traffic study performed by LADOTD compared the existing conventional design to various alternatives and the Superstreet configuration was selected.

Gresham Smith is currently performing the design to convert this section of US 61 to a Superstreet. This design will remove all of the uncontrolled median breaks and replace them with directional median U-Turn or J-Turn with exclusive turn lanes. These J-Turns will be controlled by a 2 phased traffic signal which will only stop one direction of US 61 so that the U-Turns can be made. Additionally, the existing signalized intersection of US 61 at Lowes and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). This will allow left turns from US 61 but restrict the side streets to right turn only movements. These right turners will be directed to a J-Turn to travel in the opposite direction on US 61. This intersection alternative improves safety and operation, while maintaining continuity and traffic flow along the corridor.

As the prime consultant Gresham Smith is responsible for the entirety of the project and will provide the geometric design for all of the turn lanes, median breaks, bulb outs, driveway modifications, pedestrian improvements and other necessary intersection improvements as well as the drainage, traffic signal and street lighting designs.

**Nature of firm's responsibility:** Prime  
**Firm members involved include:** Brennon Hughes, Ronnie Robinson, Richard Savoie, Bert Moore, Rebecca Murray, Zillah Zoletta



17. Firm Experience

<b>Gresham Smith</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Traffic	
<b>Task Order #2 - LA 73 at LA 621 Realignment</b>				<b>Firm responsibility (prime or sub?)</b>	
<b>Project number</b>		N/A		<b>Owner's name</b>	
<b>Project location</b>		Prairieville, LA		<b>Owner's Project Manager</b>	
<b>Owner's address, phone, email</b>		P.O. Box 1659, Gonzales, LA 70737 / 225.450.1320 / joey.tureau@apgov.us			
<b>Services commenced by this firm (mm/yy)</b>		10/20		<b>Total consultant contract cost (\$1,000's)</b>	
<b>Services completed by this firm (mm/yy)</b>		Ongoing		<b>Cost of consultant services provided by this firm (\$1,000's)</b>	

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

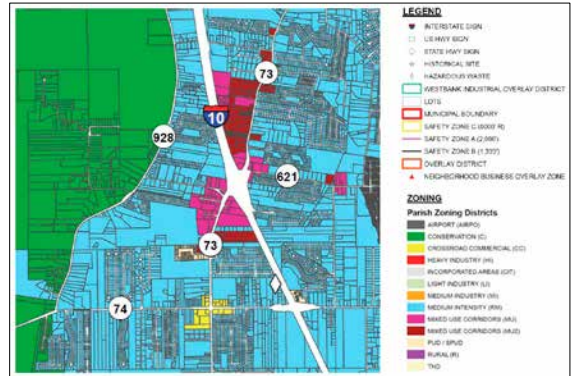
Ascension Parish selected Gresham Smith to assist them with traffic engineering expertise through a master contract. Task Order 2 under this contract was to performing a traffic study to meet LADOTD's Traffic Engineering Process and Report (TEPR) requirements for the relocation of the LA 73 at LA 621 intersection north of its current location. LADOTD provided the existing VISSIM model for the project area which included the recently completed widening of I-10. Gresham Smith was responsible for updating the VISSIM model provided by LADOTD to reflect current conditions which included additional developments, such as the LA 73 Baton Rouge General Hospital - Ascension and the Hallows of Dutchtown Subdivision, and calibrating the model to current conditions which were impacted by COVID.

Once the model was calibrated to LADOTD's requirements, the model was modified to include the proposed alternative which will relocate the intersection of LA 73 at LA 621 1,200 feet north of its current location. This also required some access management to be implemented and some trips to be rerouted to the relocated LA 621.

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

**Firm members involved include:** Bert Moore, Brennon Hughes, Rebecca Murray and Zillah Zoletta

- Project Highlights**
- Data collection
  - Field observations
  - Trip generation
  - Trip distribution
  - VISSIM model
  - Signalized analysis
  - Unsignalized analysis
  - Roundabout analysis
  - LADOTD HQ, District 61 and Ascension Parish coordination
  - HCS analysis
  - Sidra analysis
  - Conceptual design plans
  - Traffic Report



**17. Firm Experience:**

<b>APS Engineering and Testing, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Geotech	
<b>I-10 Widening LA 415 to Essen LN</b>				<b>Firm responsibility (prime or sub?)</b>	
				Sub	
<b>Project number</b>	H.004100	<b>Owner's name</b>	Louisiana Department of Transportation		
<b>Project location</b>	Baton Rouge, LA		<b>Owner's Project Manager</b>	Kristy Smith, P.E.	
<b>Owner's address, phone, email</b>	1201 Capitol Access Rd., Baton Rouge, La. 70802-4438 / 225.379.1016 / Kristy.Smith2@la.gov				
<b>Services commenced by this firm (mm/yy)</b>	09/19	<b>Total consultant contract cost (\$1,000's)</b>			N/A
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>			\$400

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

Geotechnical investigation to provide client with the necessary information for planning and design of the I-10 widening. APS was tasked through our LADOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils. A total of eight (8) over the water borings and 44 land borings with approximate 1000 triaxial compression, unconsolidated drained or undrained and atterberg limits.



**Members involved:**

**Engineering**

- Sergio Aviles, P.E., Project Manager
- Sairam Eddanapudi, P.E., Project Engineer
- Surendra Raj Pathak, P.E., Staff Engineer

**Laboratory testing**

- Sergio Aviles, P.E., QA/QC
- Sairam Eddanapudi, P.E., QA/QC

**Drilling**

- Melvin Vasquez, Driller Tech
- Van George, Driller
- Eric Bateaste, Driller

**17. Firm Experience:**

<b>APS Engineering and Testing, LLC</b>	<b>Past Performance Evaluation Discipline(s)*</b>	Geotech
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<b>Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge</b>	<b>Firm responsibility (prime or sub?)</b>	Sub
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<b>Project number</b>	H.001352 and H.002273	<b>Owner's name</b>	Huval & Associates, Inc.	
<b>Project location</b>	East Baton Rouge Parish, LA	<b>Owner's Project Manager</b>	Thomas M. Gattle, III, P.E.	
<b>Owner's address, phone, email</b>	Huval & Associates, Inc. / 922 West Pont Des Mouton Road Lafayette, LA 70507 / 337.234.3798 / tgattle@huvalassoc.com			
<b>Services commenced by this firm (mm/yy)</b>	05/20	<b>Total consultant contract cost (\$1,000's)</b>	N/A	
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$115	

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

Geotechnical engineering to provide client with the necessary information for planning and build of LA 19 Railroad bridge - slope stability (embankment), LA 19 Railroad bridge - embankment/ mse wall settlement/ retaining wall, LA 19 twin bridges - ppc piles, LA 67 bridge - drilled shafts. All the necessary design will be done by APS. No issue as of today. APS also drilled and sampled all the borings for LADOTD thru the geotechnical retainer and tested in house by APS laboratory.



**Members involved:**

**Engineering**

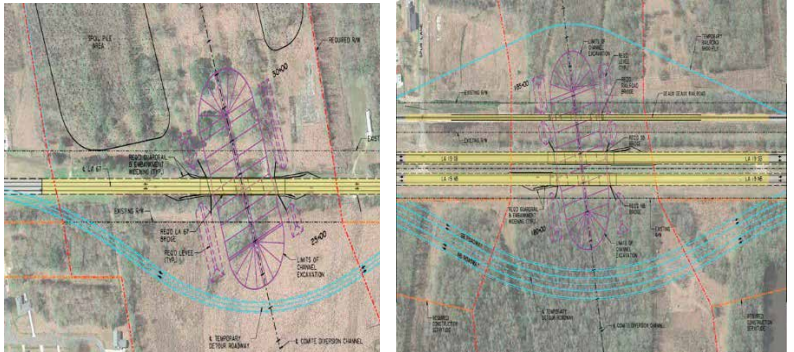
- Sergio Aviles, P.E., Project Manager
- Sairam Eddanapudi, P.E., Project Engineer
- Surendra Raj Pathak, P.E., Staff Engineer

**Laboratory testing**

- Sergio Aviles, P.E., QA/QC
- Sairam Eddanapudi, P.E., QA/QC
- Donna Easterly, Lab Manager
- Cindy Falks, Lab Tech

**Drilling**

- Melvin Vasquez, Driller Tech
- Van George, Driller
- Eric Bateaste, Driller
- Oscar Johnson, Driller Tech
- Trenton Anderson, Driller Tech



**17. Firm Experience:**

<b>APS Engineering and Testing, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Geotech	
<b>US-90 Railroad Overpass (S. East of LA-85)</b>				<b>Firm responsibility (prime or sub?)</b>	
Sub					
<b>Project number</b>	H.010155	<b>Owner's name</b>	Shread-Kurykendall & Associates, Inc.		
<b>Project location</b>	Iberia Parish, LA	<b>Owner's Project Manager</b>	Nicci Gill		
<b>Owner's address, phone, email</b>	1201 Capitol Access Rd., Baton Rouge, La. 70802-4438 / 225.379.1016 / Kristy.Smith2@la.gov				
<b>Services commenced by this firm (mm/yy)</b>	11/19	<b>Total consultant contract cost (\$1,000's)</b>	N/A		
<b>Services completed by this firm (mm/yy)</b>	03/20	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$105		

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

Geotechnical investigation to provide client with the necessary information for planning and design of a 12 ft. X 10 ft. RCB, 412 ft. In length. A total of six (6) deep borings were completed by APS. Over 60 atterbergs and uus were tested by APS with 18 consolidation tests. All the necessary testing was performed in house by APS laboratory.

**Members involved:**

**Engineering**

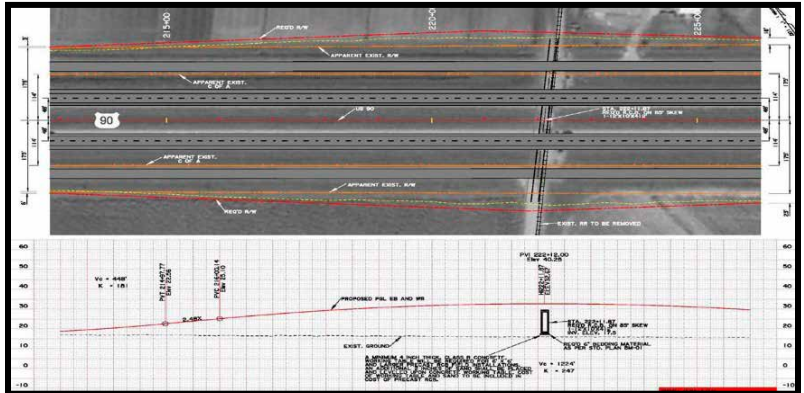
- Sergio Aviles, P.E., Project Manager
- Sairam Eddanapudi, P.E., Project Engineer
- Surendra Raj Pathak, P.E., Staff Engineer

**Laboratory testing**

- Sergio Aviles, P.E., QA/QC
- Sairam Eddanapudi, P.E., QA/QC

**Drilling**

- Melvin Vasquez, Driller Tech
- Van George, Driller
- Eric Bateaste, Driller



**17. Firm Experience:**

<b>GIS Engineering, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Survey
<b>Ashland Landfill Road</b>			<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	N/A	<b>Owner's name</b>	Terrebonne Parish Consolidated Government	
<b>Project location</b>	Terrebonne Parish, LA	<b>Owner's Project Manager</b>	Clay Naquin, Director of Solid Waste	
<b>Owner's address, phone, email</b>	337 Ashland Landfill Road, Houma, LA 70363 / 985.873.6739 / cnaquin@tpcg.org			
<b>Services commenced by this firm (mm/yy)</b>	8/19	<b>Total consultant contract cost (\$1,000's)</b>	\$315	
<b>Services completed by this firm (mm/yy)</b>	10/20	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$280	

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

This project consists of improving approximately 4500 linear feet of an existing gravel-surface access road at the Ashland Landfill in Terrebonne Parish, Louisiana. The existing roadway comprises of a rigid pavement section and provides access to retention ponds at the landfill facility. The proposed improvements consisted of upgrading the existing gravel-surface road to a new 2-lane undivided portland cement concrete pavement (PCCP) roadway. This project also consisted of improvements to the existing roadway including pavement patching, panel replacement, drainage improvements, utility relocations, access improvements into the landfill facilities, and upgrading the public boat launch along the corridor.



**GIS Engineering managed or performed the following:**

- Geotechnical Services
- Surveys
- Bidding Services
- Construction Administration and Inspection
- Preliminary and Final Design, Specifications and Cost Estimate
- Project Closeout

**Relevance to Project:**

- Roadway design
- Geometric improvements
- PCCP Joint layout
- LADOTD / FHWA Standards
- Environmental Permitting
- Utility Coordination

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

**Firm members involved include:** Jacob Loeske, PE, LSI; Mohan Menon, Ph.D.

**17. Firm Experience:**

<b>GIS Engineering, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Survey
<b>Falgout Canal Road</b>			<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	N/A	<b>Owner's name</b>	Terrebonne Parish Consolidated Government	
<b>Project location</b>	Terrebonne Parish, LA	<b>Owner's Project Manager</b>	Gordon Dove, Executive Director	
<b>Owner's address, phone, email</b>	8026 W Main St #101 Houma, LA 70360 / 985.873.6735 / gdove@tpcg.org			
<b>Services commenced by this firm (mm/yy)</b>	5/18	<b>Total consultant contract cost (\$1,000's)</b>		\$600
<b>Services completed by this firm (mm/yy)</b>	8/19	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$574

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

Falgout Canal Road has experienced extensive settling and pavement deterioration due to construction activities over recent years stemming from heavy construction equipment and large-scale coastal projects in the area. For this project, GIS provided professional engineering services inclusive of surveying, preliminary design, final plan development, bidding, and construction administration for the improvement recommendations of Falgout Canal Road in Terrebonne Parish. GIS developed alternatives for safety and roadway rehabilitation improvements, including a benefit-cost analysis. For the recommended alternative GIS provided detailed roadway construction documents.



**GIS Engineering managed or performed the following:**

- Geotechnical Services
- Surveys
- Preliminary and Final Design & Specifications and Cost Estimate
- Bidding Services
- Construction Administration and Inspection

**Relevance to Project:**

- Roadway design
- Geometric improvements
- LADOTD / FHWA Standards
- Environmental Permitting
- Utility Coordination

**Nature of firm's responsibility:** Prime Consultant; Overall responsibility for entire contract.  
**Firm members involved include:** Jacob Loeske, PE, LSI

**17. Firm Experience:**

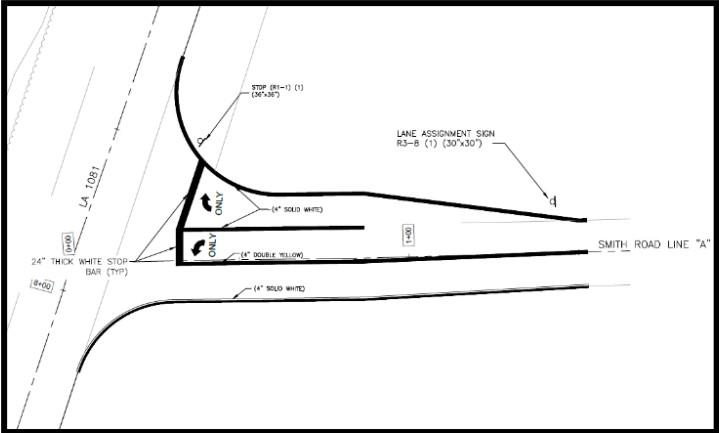
<b>GIS Engineering, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>		Survey	
<b>Smith Road Bridge Replacement</b>				<b>Firm responsibility (prime or sub?)</b>	
				Prime	
<b>Project number</b>	N/A	<b>Owner's name</b>	St. Tammany Parish Government		
<b>Project location</b>	Baton Rouge, LA	<b>Owner's Project Manager</b>	Chris Corvers		
<b>Owner's address, phone, email</b>	21490 Koop Drive, Mandeville, LA 70471 / 985.898.2700 / ccorvers@stpgov.org				
<b>Services commenced by this firm (mm/yy)</b>	7/21	<b>Total consultant contract cost (\$1,000's)</b>		\$121	
<b>Services completed by this firm (mm/yy)</b>	N/A	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$79	

**Describe the project including the firm's role and members involved.**

**(Highlight staff to be used in this proposal.)**

Smith Road connects Louisiana State Highways 1081 and 1082 and provides access for the residences along its route. The existing intersections at each end of Smith Road in St. Tammany Parish consists of 1 travel lane in each direction. The skewed intersections at each of the State Highways provide a safety risk for drivers. The current intersections with LA 1081 and LA 1082 are inadequate for the traffic volume and delay times associated with the area. St. Tammany Parish contracted GIS Engineering to complete the design and plan production for adding a designated left turn lane at each of the intersections.

These improvements to the intersections of Smith Rd with LA 1081 and LA 1082 allow for increased capacity and provide safer ingress and egress to Smith Road. The design improvements for both intersections (Smith Road at Stafford Road/LA 1081, Smith Road at Old Military Road/LA 1082) will modify a skewed intersection at a state route by adding a designated turning lane and changing the roadway geometry to a 90-degree angle approach. The design includes a Corridor Survey, ROW Mapping, Permitting, Geotechnical Investigation, Drainage Analysis, Horizontal and Vertical Geometry, Utility Coordination, and Final Construction Documents.



**Relevance to Project:**

- Intersection Tie to DOTD route
- LADOTD Project Permit
- Roadway design
- Capacity and Safety improvement
- Utility Coordination

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

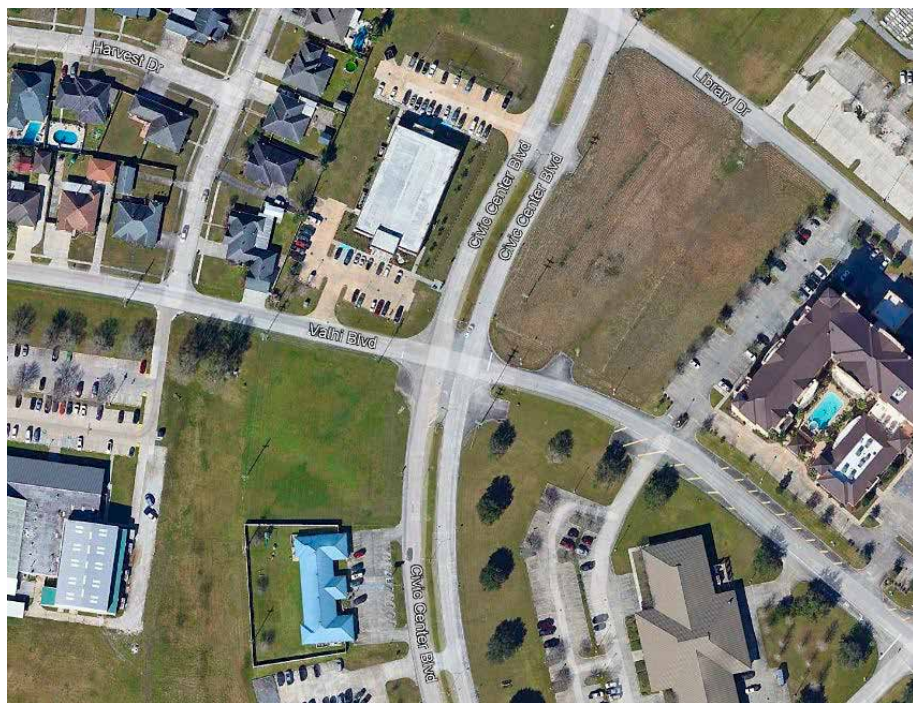
**Firm members involved include:** Jacob Loeske, PE, LSI, Brady Richard, PE, Mohan Menon, PhD, James Chustz, PLS

## 18. Approach and Methodology:

### Project Background

The intersection of Civic Center Boulevard at Valhi Boulevard is located in Houma, Louisiana, just west of the Barry P. Bonvillain Civic Center. The existing intersection is a standard 4-legged intersection, controlled by stop signs on Valhi Boulevard. Civic Center Boulevard, adjacency to this intersection, consists of a 4-lane divided roadway with a posted speed limit of 35mph. The roadway was constructed with a curb and gutter, subsurface drainage and sidewalks along both sides of the roadway. Valhi Boulevard consists of a 2-lane curb and gutter roadway. This intersection falls within a horizontal curve of Civic Center Boulevard.

The northwest corner of this intersection is occupied by the Social Security Administration and the northeast corner is occupied by the South Louisiana Wetlands Discovery Center. The southwest and southeast corners are currently vacant. Also, southbound approach of Civic Center Boulevard and the westbound departing lane of Valhi Boulevard are designated bike routes with signs and markings indicating share the road uses for bicycle traffic.



### Kickoff Meeting

Due to the complexity of this project, we will hold a pre-design kickoff meeting to discuss project scope and major discussion points. This meeting will consist of members of Gresham Smith's design team, along with representatives from both LADOTD and Terrebonne Parish.

### Survey

The first step in the design process will be the initial topographic and property survey. With the restrictions to the positioning of the roundabout, it is apparent that the roundabout will be shifted to the south and east of the current intersection. The topographic survey limits will be set based on this recommended positioning. The two existing driveways in the southwest and southeast quadrants will have to be shifted to the south due to the roundabout shifting to the south. GIS will perform the surveying for our team on this project and will gather all of the existing topographic information to accommodate the shift of the intersection to accommodate the roundabout. The survey will include a 400'x400' "box" area at the intersection to ensure that we have adequately collected all the data for any potential limits of construction to be generated by the future location of the roundabout.

In addition to providing the surveying on our team, GIS will also develop the Existing Drainage Map, the future drainage design as well as providing support to Gresham Smith on the other aspects of the intersection design.

### Roundabout Design

The Gresham Smith Team is familiar with the intersection of Civic Center Boulevard at Valhi Boulevard as we currently have a Task Order within our Local Road Safety / Safe Routes to Public Places Program IDIQ with the LADOTD Safety section to develop plans for a multi-use path along Valhi Boulevard from Bayou Country Parkway to Ravensside Drive. This section of Valhi is approximately 3 miles west of this intersection.

This roundabout project has many similarities to other roundabouts that our lead design engineer, Brennon Hughes, has designed in the past. One example is when Gresham Smith was contracted by the prime consultant, working directly for the City of Central, to provide design plans to DOTD for a roundabout at LA 408 (Hooper Road) at LA 3034 (Sullivan Road) in Central, Louisiana. Brennon Hughes served as the engineer of record for this roundabout design and was supported by our local roadway staff of Richard Savoie, PE and Ronnie Robinson, PE.



Brennon and his team have completed this design using the same tools that will be used within this project: MicroStation, Inroads, and DOTD's Road Design Manual and Design Guidelines.

Senior Engineers Richard Savoie and Ronnie Robinson will provide design support, guidance and help with decision making. They will also provide on team QA/QC and have a depth of experience in both the design and construction of roadway projects throughout the state of Louisiana. Engineer Intern Zillah Zoleta will assist with plan development throughout the entirety of the preliminary and final plans. The team will also be supported by Leslie Corlett who brings over a decade of experience in designing roundabouts in the state of Alabama.

Some of the similarities that we recognize between our recent roundabout design project in Central, LA and this project are that both of these intersections are 4-legged intersections with multilane approaches. Additionally, the two projects are similar in that there are design constraints to 2 quadrants of the intersection. These constraints must be taken into consideration when determining the best location for the roundabout. This project contains a Social Security Administration building in the northwest corner of the intersection, with entrances on both Civic Center Blvd. and Valhi Blvd. The newly constructed South Louisiana Wetlands Discovery Center also has driveway access to both roadways. Pedestrian sidewalks are also located along Civic Center Blvd and should be accommodated in the roundabout design. There are existing sidewalks on the north side of Valhi Blvd. that terminate at Hawthorne Dr. that provides access to a large number of residences. DOTD's Complete Streets Policy is likely to apply for this project, and both bicycles and pedestrians will need to be accommodated in our design.

These constraints will play a key role as we look to reduce impacts to the existing businesses, while balancing that with the best possible geometric design, adhering to all DOTD Road Design Manual standards and guidelines. It is very reminiscent of the Hooper Road at Sullivan Road roundabout, where we also had constraints which needed to be considered: Central Automotive and Tire, the historic building in the northeast quadrant, along with pedestrian and bicycle accommodations in the design. Brennon's experience in developing the design and location for the multilane roundabout, with pedestrian and bicycle accommodations will play a valuable role in the design of this project.

### **The Design Process**

The Gresham Smith design team plans to use the same approach

implemented on our LA 408 at LA 3034 Roundabout project, discussed above. We will ensure that all design services meet standard requirements of the many reference documents listed in this advertisement. Most notably, we will ensure that we are meeting DOTD's 2017 Minimum Design Guidelines while utilizing the Roundabout section in Chapter 6 of the DOTD Road Design Manual.

In our experience, the design of a roundabout is an iterative process. We will use MicroStation and Inroads to create a working design. We will generate alignments, linework, profiles, and cross sections which will be modified and adjusted throughout the process to provide the best possible design for this roundabout. A number of design considerations must be evaluated at the beginning of this design process. Both approaches currently have a posted speed of 35 MPH. The design speeds of these approaches will affect the horizontal and vertical geometry of the roadway approaches to the roundabout. The vertical geometry will affect the drainage design, using curb and gutter with sub-surface drainage, we must ensure that we maintain longitudinal grade requirements and/or ensure our vertical curves meet K-Value requirements as per the AASHTO Green Book. The horizontal alignment of Civic Center Blvd. and Right of Way constraints will present a challenge with the design. Our design will place the high points and low points along the roundabout exterior at logical locations in order to facilitate our drainage design and pedestrian crossing locations, while maintaining a smooth circulating lane with no more than a 1.5% cross slope for the circulating lanes (as required by Ch. 6.9 of DOTD Road Design Manual).

The suggested sequence of construction for the roundabout will be another challenge due to maintaining traffic. Also, since the approach roadways are both concrete, it is safe to assume that the roundabout will also be concrete. Depending on the existing traffic volumes, there is the possibility that we suggest closing the Civic Center Blvd Northbound approach lanes, and fully closing the Valhi Blvd east side approach leg in order to expedite construction. In this scenario, Choctaw Drive, Library Drive, LA 182, and LA 311 could all serve as local detour routes.

The initial design we envision to incorporate all of these items will be perfected through the iterative design process, resulting in the best possible design for Houma and Terrebonne Parish that will minimize construction and maintenance costs and benefit the traveling public.

### **Preliminary Design**

The Preliminary Plan Design process is expected to be comprised of a

30%, 60%, 95%, and 100% submittal. Additionally, a Plan-in-Hand meeting will be held following the 95% Preliminary Plan submittal.

The 30% submittal will consist of the Title Sheet, Proposed Typical Section, and Plan Profile Sheets. Subgrade Soil survey information will need to be requested at this point. We have included APS Engineering and Testing on our team and a supplemental agreement can be executed to include their geotechnical engineering services, including providing shallow soil borings. The plans will undergo a geometric review at this submittal.

The 60% submittal will consist of updated Typical Section and Plan Profile sheets, Drainage Plan Profile sheets along with hydraulic calculations. A design drainage map will be developed and included at this time. The plans will also include geometric details, cross sections, and summary tables. The plans will undergo a hydraulics review.

The 95% submittal will add suggested sequence of construction sheets and suggested temporary erosion control sheets to the plans. This is the first major plan submittal. A Plan-in-Hand meeting and site visit will be scheduled at least three weeks following the submittal. This meeting will be attended by the Gresham Smith Design Team, along with representatives from both LADOTD and Terrebonne Parish. Any design waivers or design exceptions needed for the project will be submitted at this time.

The 100% Preliminary Plan submittal will have addressed all Plan-in-Hand comments and consist of the Final ROW taking lines in order to initiate the ROW Map development and utility relocation agreements. GIS Engineering is a member of our team and by supplemental agreement can perform the property survey and subsequent development of the Right of Way maps as we are anticipating ROW acquisition as a part of this project. A Joint Plan Review Meeting will be held at this time to discuss the Base ROW Maps and utility relocations.

### **Final Design**

The Final Design process is expected to be comprised of a 60%, 95%, 98%, and 100% submittal. All Final Plan submissions will consist of the full plan set. The Final Plan Development cannot proceed until the environmental clearance has been received.

The 60% Final Plans will undergo a final geometric and drainage review.

The 95% Final Plans are the second major plan submittal of the design process. Gresham Smith will submit a completed Constructability Biddability Review form at this time. Also included is an updated Cost

Estimate, Design Report Form, Storm Water Pollution Prevention Plan (SWPPP form), utility conflicts list, completed Contract Time Worksheet and responses to all comments received on previous plan submissions.

The 98% Final Plans will go to the DOTD Contracts & Specifications section for review. The Construction Proposal will be developed at this time. Included with this plan submittal is the updated cost estimate, any needed Design Waiver request form (signed and sealed) and the Final QA/QC Form. Also, the plans will be sent to the DOTD Plan Quality Unit for a QA/QC Check. The Engineer's Construction Cost Estimate will be finalized at this point.

The 100% Final Plans submittal will consist of furnishing the Full-Size Plan Set. The Plans will be signed, sealed, and dated by the Engineer of Record.

### **Quality Program**

Gresham Smith fully recognizes that providing a complete, accurate and quality product is our responsibility. Our Five-Step Quality Control Plan identifies the process to ensure the professional quality and technical accuracy of all documentation and calculations provided under this contract. The plan will also address the details of our review process. QC backup will also be provided for each submittal. Our team will coordinate the QC process with each of our subconsultants and lead the review process for each submission, preliminary and final. We work extremely hard to stay on the cutting edge of transportation planning and design, and we constantly train and challenge our engineers to not just follow routine approaches, but rather to think "outside of the box" to explore a broader range of solutions for our clients. Our engineers understand as well as anyone that the "best" solution is not necessarily the most elaborate design, but one that makes the most cost-effective use of limited resources.

### **Demonstrated Ability to Meet Schedules**

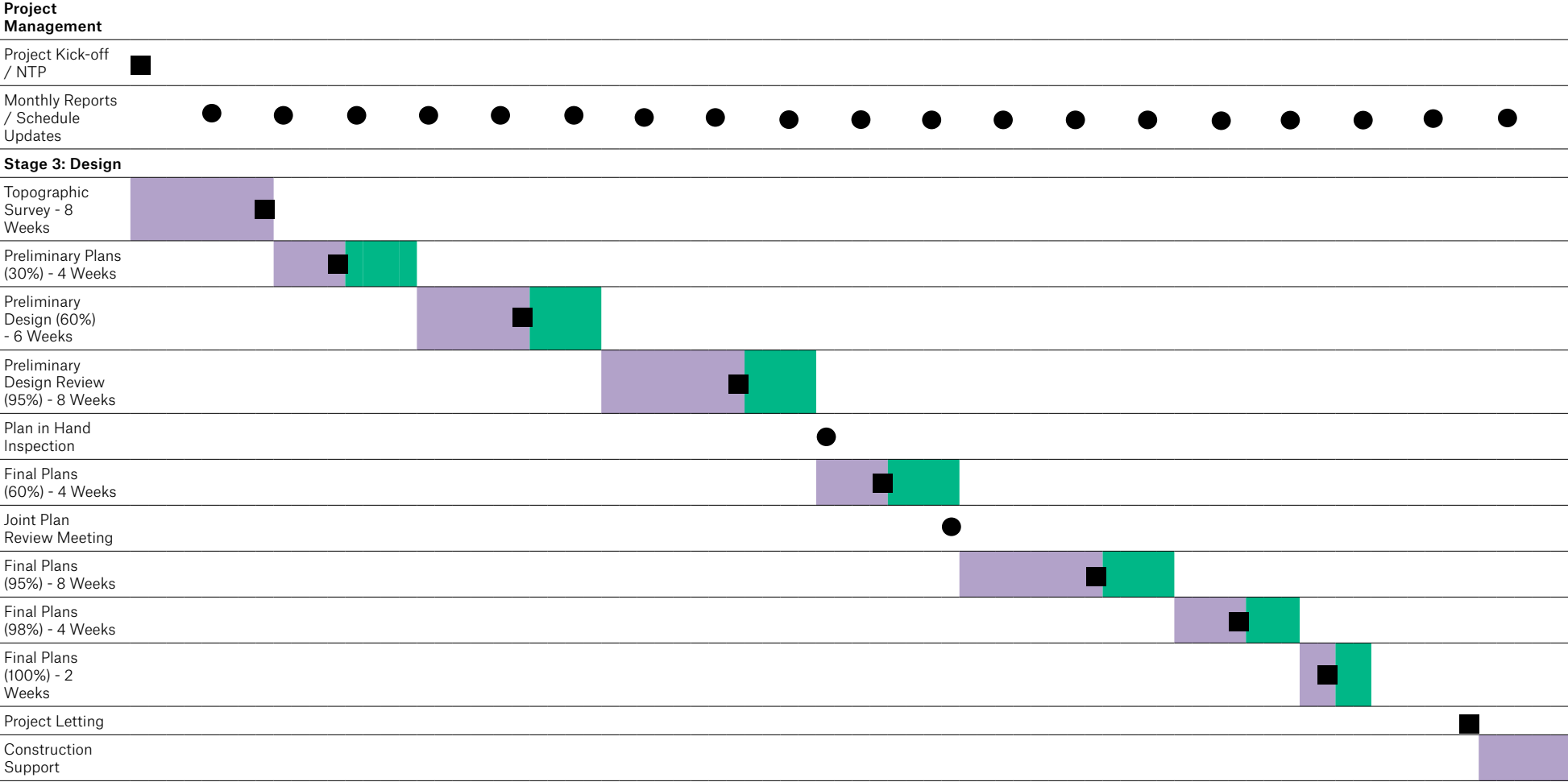
Gresham Smith's reputation has been built on a foundation of successful, long-term relationships with repeat clients. This foundation of repeat business is founded on our ability to share our clients' goals, and often enhance those visions by providing innovative, yet practical, solutions fitted within their budgets and timelines. The confirmation of our ability to perform highly professional work on the agreed-upon schedule and efficiently within budget is best validated through the clients we have worked for in the past, and in many cases, are working for today.

The Gresham Smith team looks forward to your consideration for this project, and we are eager to make it a success for LADOTD.

# Example Schedule

<b>Termini</b>	Intersection of Civic Center Blvd and Valhi Blvd.
<b>Location</b>	Houma, Louisiana
<b>Scope</b>	Roundabout Design
<b>Kick-off Meeting</b>	October 13, 2023
<b>Notice to Proceed</b>	October 13, 2023
<b>Due Date</b>	October 13, 2025

<b>Months</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19-21	22-42
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Consultant
  LADOTD Review
  Milestone
  Meeting

## 19. Workload:




Firm All firms must be represented in this table	Past Performance Evaluation Disciplines(s) *	Contract Number & State Project Number	Project Name	Remaining unpaid balance**
Gresham Smith	Traffic	H.12018.5	Lafayette Adaptive Traffic Signals	\$111,054
Gresham Smith	CE&I/OV/ITS	H.011500.6	Lake Charles ITS Phase 3	\$39,874
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO #4	\$14,755
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO #5	\$3,177
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO #6	\$23,960
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#7	\$23,960
Gresham Smith	Road	H.013720	LRSP/STRPPP Bonner Street Bridge Pedestrian Improvements	\$3,089
Gresham Smith	Road	H.013767.5	LRSP/STRPPP Signs and Striping - St. Landry and St. Martin Parishes	\$4,223
Gresham Smith	Road	H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	\$54,578
Gresham Smith	Traffic	H.015086.5	LRSP/STRPPP LA 14	\$146,128
Gresham Smith	Road	H.014629.5	LRSP/STRPPP Lafourche Signing and Striping	\$4,759
Gresham Smith	Road	H.015202.5	LRSP/STRPPP Donaldsonville Signing and Striping	\$6,087
Gresham Smith	Road	H.015200.5	LRSP/STRPPP East Street and Parkview, Monroe, LA Signing and Striping	\$6,488
Gresham Smith	CE&I/OV	H.009308.6	TO #1 New Orleans DPW SRTS Sidewalk Project	\$2,937
Gresham Smith	CE&I/OV/ITS	H. 013256.6	I-10 Scott to Lake Charles ITS CEI	\$151,452
GIS Engineering, LLC	CE&I	S.P. H.008145.6	LA 1: Leeville to Golden Meadow Phase 2	\$3,989,034.23
GIS Engineering, LLC	Planning	S.P. H.013284	MRB South GBR: LA 1 to LA 30 Connector	\$75,599.00
GIS Engineering, LLC	Survey	S.P. H.015568.5	IDIQ Topo Contract #4400017712	\$95,612.00
GIS Engineering, LLC	Survey	S.P. H.015569.5	IDIQ Topo Contract #4400017712	\$144,681.20
GIS Engineering, LLC	Survey	S.P. H.012040.5	IDIQ ROW/Boundary Contract #4400021531	\$36,877.00
GIS Engineering, LLC	Survey	S.P. H.013872.5	IDIQ ROW/Boundary Contract #4400021531	\$31,317.00
APS Engineering and Testing, LLC.	Geotech	H.013127	Retainer Contract for Geotechnical Services	\$216,934


20. Certifications/Licenses:

*Certificate of Completion*  
presented to  
*Bert Moore*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 4




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Bert Moore*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 4




  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor


  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Bert Moore*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3

  
 Authorized Instructor
   
 Authorized Instructor
   
 Authorized instructor

  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT




*Certificate of Completion*  
**BERT MOORE**  
has successfully completed the course entitled:  
**Designing Pedestrian Facilities for Accessibility (DPFA)**

Date: May 08-09, 2017  
Location: Baton Rouge, Louisiana

Hours of Instruction enhancing  
Professional Development: 12 hrs

  
 Patrick E. Gomez  
Civil Rights Specialist  
Federal Highway Administration
   
 Ted Green  
Professional Engineer  
New Jersey LTAP

*Certificate of Training*

PRESENTED BY  
The National Cooperative Research Program

TO CERTIFY THAT


*Herbert Moore*

HAS SATISFACTORILY COMPLETED 20 HOURS OF TRAINING IN:

**Highway Safety Manual Workshop  
NCHRP 17-38**

December 1-3, 2010  
Date

Baton Rouge, Louisiana  
Location



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

*Certificate of Training*

PRESENTED BY  
Louisiana Local Technical Assistance Program

TO CERTIFY THAT

*Bert Moore*

HAS SATISFACTORILY COMPLETED 3 PROFESSIONAL DEVELOPMENT HOURS IN:

**Regional Crash Data Workshop**

February 23, 2017  
Date

Baton Rouge, Louisiana  
Location



*Maud B. Walsh*  
Director of Louisiana LTAP Center



**PROOF OF TRAINING**

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA  
Location

*Donna M. Clark*  
Vice President of Education and Technical Services

*Alan Teresian*  
President, CEO

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




This is to affirm that

**Herbert Moore**

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

ATSSA

Issue Date 5/9/2023

Exp. Date 5/8/2027

State Issued LA

*Donna M. Clark*  
Instructor Signature

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

A1000126198



**National Highway Institute**

# Certificate of Training

**BRENNON HUGHES**

*has participated in*  
**FHWA-NHI-380096V Modern Roundabouts: Intersections  
 Designed for Safety**

*hosted by*  
**LA DOTD/LTRC**

Date: September 8 and 9, 2020      Hours of Instruction: 6  
 Location: Virtual Delivery

*[Signature]*  
 Instructor

*[Signature]*  
 Allison H. Landry  
 Local Coordinator

*[Signature]*  
 Thomas Harman  
 Thomas Harman, Director  
 National Highway Institute



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA  
 Location

*[Signature]*  
 Director of Training

*[Signature]*  
 President, CEO

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




**National Highway Institute**

# Certificate of Training

**Brennon Hughes**

*has participated in*  
**FHWA NHI #380091V  
 Planning and Designing for Pedestrian Safety**

*hosted by*  
**Louisiana DOTD**

Date: October 25 thru 28, 2021      Hours of Instruction: 18  
 Location: Online Virtual Delivery

*[Signature]*  
 Instructor

*[Signature]*  
 Allison H. Landry, CGMP  
 Local Coordinator

*[Signature]*  
 Thomas Harman  
 Thomas Harman, Director  
 National Highway Institute

# Certificate of Attendance

presented to

*Brennon Hughes*

for attending

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

16 Professional Development Hours

June 5-6, 2018

Baton Rouge, Louisiana

Authorized Instructor *[Signature]* *[Signature]*



**ATSSA** American Traffic Safety Services Association  
SAFER ROADS. SAVE LIVES.

*This is to affirm that*

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

Issue Date 5/26/2023      ATSSA  
Exp. Date 5/25/2027      Instructor Name  
State Issued LA      *Donna H. Clark*  
Instructor Signature

A1000127001      Verify at [Flagger.com](http://Flagger.com)



# 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

*Judy Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Bunnell*  
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

*Judy Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Bunnell*  
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

*Judy Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Bunnell*  
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

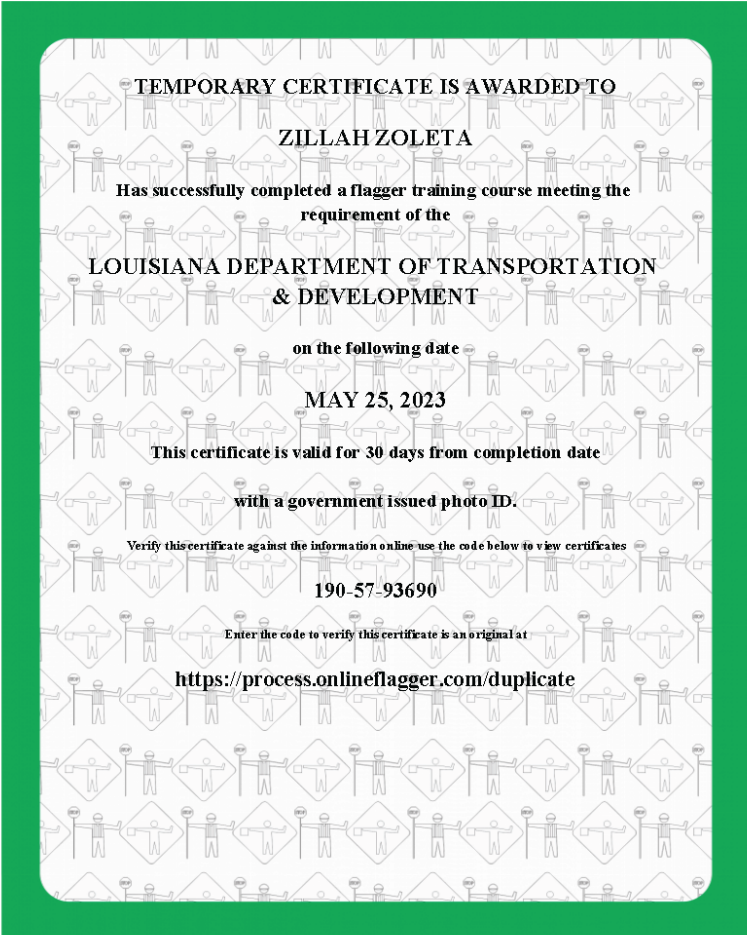
Authorized Instructor

*Ed Anderson*

*Tim Hume*









GORDON E. DOVE  
PARISH PRESIDENT

OFFICE OF THE PARISH PRESIDENT  
TERREBONNE PARISH CONSOLIDATED GOVERNMENT  
P.O. Box 6097  
HOUMA, LOUISIANA 70361-6097



(985) 873-6401  
FAX: (985) 873-6409  
E-MAIL: gdove@tpcg.org

July 6, 2023

REF: Letter of Reference for GIS Engineering  
LADOTD Contract No. 4400027210  
State Project No. H.012859.5  
FAP No. H012859  
Entity Contract for Civic Center Blvd @ Valhi Blvd  
Terbonne Parish

To Whom it May Concern:

Terbonne Parish Consolidated Government has had Engineering Support Services from GIS Engineering on a multitude of infrastructure projects throughout the parish. I believe that the GIS Team has the engineering and surveying experience built into their management structure to deliver the expertise, skill and insight required to move programs/projects successfully. GIS Engineering has proven to have the manpower necessary to successfully complete a multitude of projects on time and successfully.

Their locally based office, with a staff of more than 40 employees, located in Houma provides LADOTD a team of professionals that are passionate about improving our community. Terbonne Parish Consolidated Government looks forward to this transportation improvement project that will increase capacity and safety at this intersection during events at the Civic Center.

Respectfully,

Gordon E. Dove  
Parish President

**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>GIS Engineering</b>	197 Elysian Drive Houma, LA 70363	Jacob M. Loeske, P.E., L.S.I. jloeske@gisy.com	985.665.2262
<b>APS Engineering and Testing</b>	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles, P.E., M. ASCE sergio@aps-testing.com	225.456.5714

(Add rows as needed)

**23. Location:**

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



# Gresham Smith

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