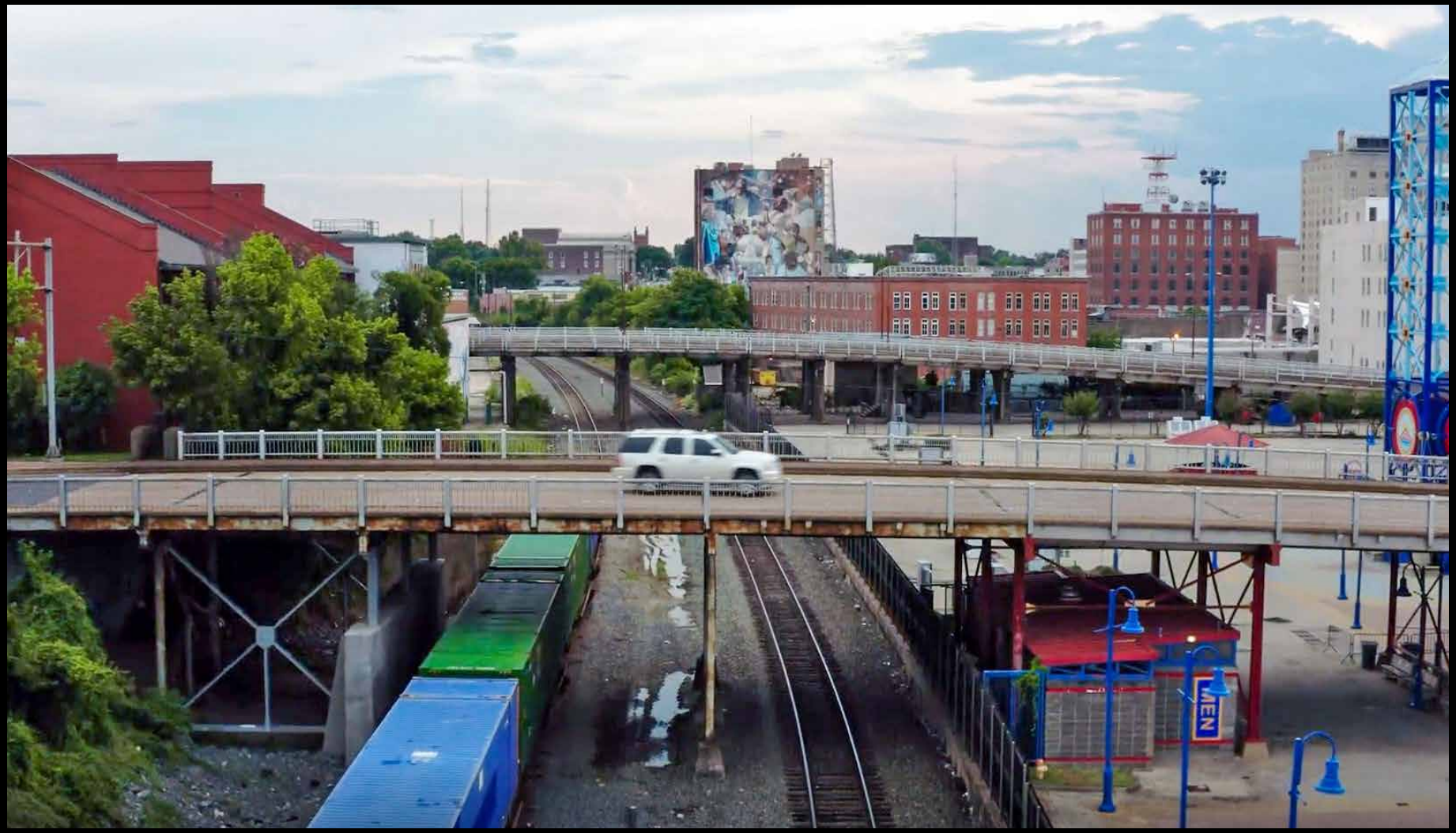
Gresham Smith



LADOTD

Entity Contract for Cong Relief Winfield Road
Contract No. 2025-118

Bossier Parish, LA | June 25, 2025

Genuine Ingenuity

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

225.757.5849
GreshamSmith.com

Gresham
Smith

June 25, 2025

Bossier Parish Police Jury
VIA Louisiana Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA 70802

Re: Advertisement for Engineering and Related Services
Parish Contract No. 2025-118
Federal Aid / State Project No. H.003855
Entity Contract for Congestion Relief Winfield Road - Bossier Parish

To the Members of the Bossier Parish Police Jury:

Gresham Smith has had the distinct honor of providing a wide range of quality design services for LADOTD through numerous IDIQ contracts. Over the past five years, we have completed numerous quality projects under various LADOTD contracts:

- ITS Design and Integration
- Complex Bridge Inspections
- Road Design
- Traffic Engineering
- Stage Zero Studies
- Local Road Safety/Safe Routes to Public Places

We look forward to blending this range of quality experience into a major new transportation project, utilizing many of the skills and experiences our team has refined on these IDIQ contracts and individual task orders. Our team provides the maximum qualifications and proven experience for:

Team and Staff Qualifications - Our team is lead by Project Manager Brennon Hughes, P.E. Brennon was a former LADOTD Road Design Engineer who has led the design numerous project for both LADOTD and for Gresham Smith throughout the state. John Weres, P.E., our Deputy PM and Bridge Team Lead has over 40 years of experience, all involving bridges, including working in Louisiana for the past 10 years. Our roadway design team includes former LADOTD engineers Richard Savoie, P.E. and Ronnie Robinson, P.E. Richard has 40 years of experience, primarily in LADOTD roadway design projects. Richard previously served as LADOTD Roadway Unit Supervisor and eventually LADOTD Chief Engineer. Ronnie has over 40 years of Roadway experience as both the Assistant District Administrator of District 61, which over saw design and engineering, the district design engineer and as a construction engineer all for LADOTD. Our traffic team is led by Herbert "Bert" Moore, II, PE, PLS, PTOE, a former District 61 Traffic Operations Engineer. Our team is supported by our talented subs Michael Baker International, who performed the Environmental Impact Study for this project and will support the roadway, bridge, and hydraulics designs, Raley and Associates, who have already surveyed large tracts of property along the project alignment and will perform the topographic and ROW surveying for this project will result in a costs savings for the parish, and APS Engineering and Testing, who has performed geotechnical engineering duties for a number of similar projects in the past.

Local Knowledge and Experience - Our team provides the local knowledge and experience required to successfully completed this project. Through our various IDIQ contracts and utilization of key teaming partners, our team has successfully completed the following projects in northern Louisiana.

- US 71, Spring Street Bridge, Emergency Repairs - Shreveport, LA
- State and Local Road Traffic Study, Farmerville, LA
- Barksdale AFB Entrance Roads, Bossier Parish, LA (MBI)
- US 371 KCS RR Overpass, Webster Parish, LA (MBI)
- Innovation Drive Extension and Benoit Bayou Lateral Improvements, Bossier City, LA (Raley)
- Rosedale Subdivision design, Bossier Parish, LA *Raley)

Solid Project Approach - Gresham Smith has detailed a sound project approach in this proposal. Our team will effectively utilize the past designs and environmental approvals; and efficiently transform the design to meet the current scope and design requirements. We have not only identified a few potential issues with the previous design; but have recommended potential solutions that improve on the original design while providing cost-effective solutions. Our team fully understands the LADOTD submittal and review process for both preliminary and final design. One of our goals is to always provide thorough and quality interim and final submissions, freeing the DOTD staff to concentrate on other key roles, rather than performing their own quality checks.

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 or our proposed Project Manager, Brennon Hughes at 225.960.5484 or by email at brennon.hughes@greshamsmith. com.

Sincerely,

Herbert "Bert" Moore II, P.E., PLS, PTOE
Regional Transportation Leader - Gulf

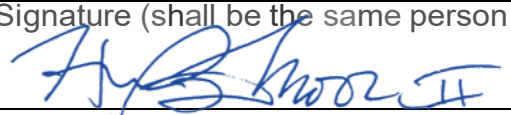
Gresham
Smith

BPPJ Standard Submittal Form

(May 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

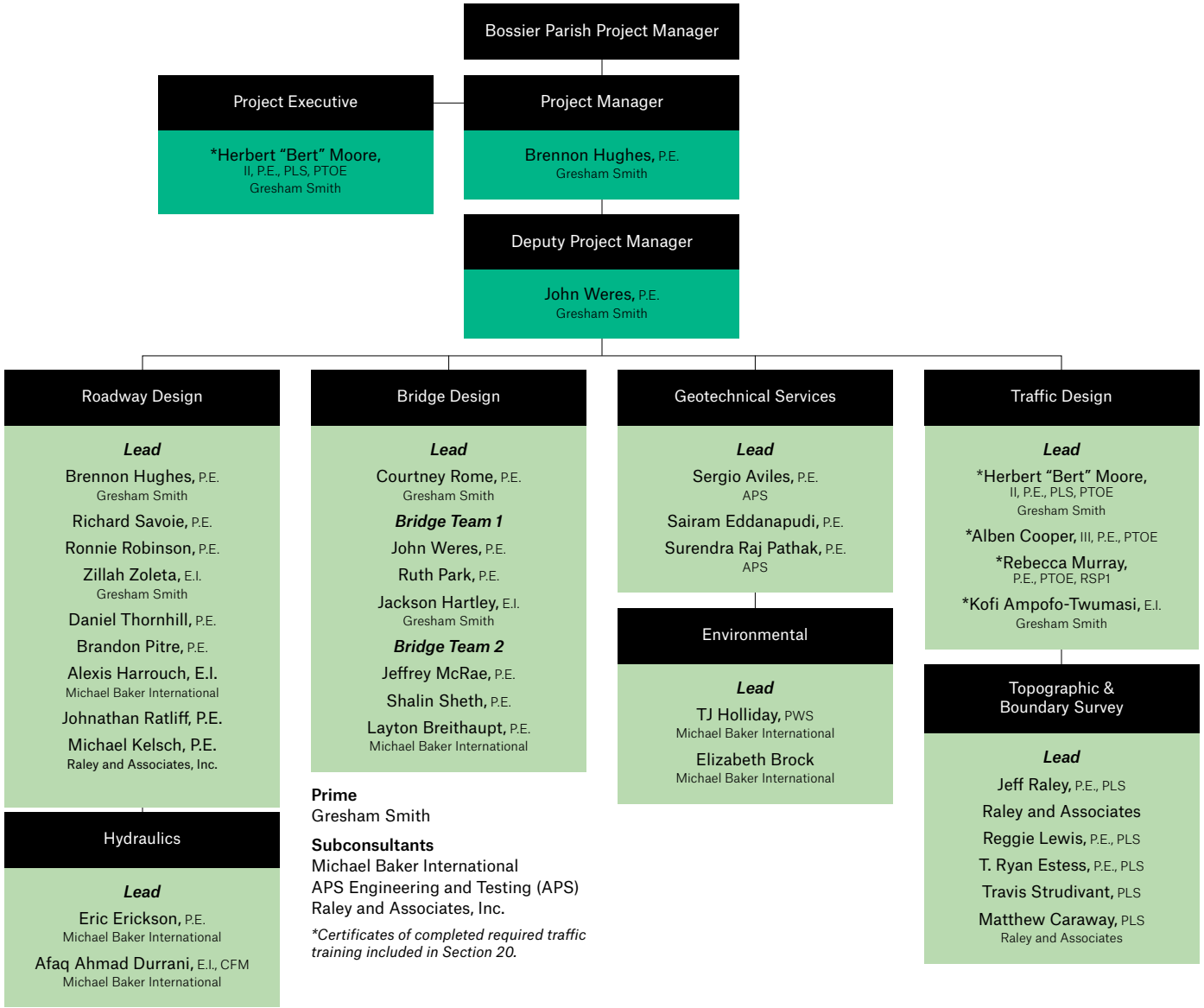
Firm should fill in the BPPJ Standard Submittal Form provided without altering the text provided in the form. Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	Entity Contract for Cong Relief Winfield Road – Bossier Parish
2. Contract number(s) if shown in the advertisement	2025-118
3. State Project Number(s), if shown in the advertisement	H.003855
4. Firm name (as registered with the Louisiana Secretary of State where such registration is required by law)	Gresham Smith
5. Firm license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS or American Institute of Certified Planners (AICP or other professional regulatory board, as applicable) if registration is required under Louisiana law)	EF .0003429 DUNS Number: 059153676
6. Mailing address	10000 Perkins Rowe, Suite G520, Baton Rouge, LA 70810
7. Name, title, phone number, and email address of firm's Contract Point of Contact	Herbert "Bert" Moore, II, P.E., PLS, PTOE State Transportation Leader - Louisiana 225.757.5849 / bert.moore@greshamsmith.com
8. 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
9. This is to certify that all information contained herein is accurate and true, and that I presently have sufficient staff to perform these services within the designated time frame.	Signature (shall be the same person as #8):  Date: June 25,2025

In accordance with LA R.S. 39:1602.1, this is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition,**	

proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.	
I0. 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.	APS Engineering and Testing, LLC 5%

11. *Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to each task of the contract, specific duties for each, and reporting lines for the purposes of this contract. (Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used.)*



12. *Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. The consultant should fill in the "Requirement" column with the MPRs given in the advertisement. Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime consultant and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used. Add or remove rows as needed.*

Requirement (as stated in advertisement)	Personnel being used to meet the requirement	Firm employed by	Type of license / certification required	License/ certification expiration date
1	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 – Civil	P.E., LA 31065 Exp. 9/30/2026
			PLS LA 5043	PLS, LA 5043 Exp. 9/30/2026
			PTOE 2728	PTOE, 2728 Exp. 9/30/2026
2	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 – Civil	P.E., LA 31065 Exp. 9/30/2026
			PLS LA 5043	PLS, LA 5043 Exp. 9/30/2026
			PTOE 2728	PTOE, 2728 Exp. 9/30/2026
3	Richard Savoie, P.E.	Gresham Smith	P.E. LA 20936 – Civil	P.E., LA 20936 Exp 9/30/2026
4	John Weres, P.E.	Gresham Smith	P.E. LA 36429 – Civil	P.E., LA 36429 Exp 9/30/2025
5	John Weres, P.E.	Gresham Smith	P.E. LA 36429 – Civil	P.E., LA 36429 Exp 9/30/2025
6	Sergio Aviles, P.E.	APS Engineering and Testing, LLC	P.E. LA 33571 - Civil	P.E., LA 33571 Exp 3/31/2026
7	Jeff Raley, P.E., PLS	Raley and Associates, Inc.	P.E. LA 22831 – Civil	P.E., LA 22831 Exp 9/30/2025
			PLS LA 4630	PLS, LA 4630 Exp 9/30/2025
	Ryan Estes, P.E., PLS	Raley and Associates, Inc.	P.E. LA 39022 – Civil	P.E., LA 39033 Exp 9/30/2026
			PLS LA 5074	PLS, LA 5074 Exp 9/30/2026

13. Short resumes shall be provided for all of the personnel from your firm listed in Section 13 of the prime consultant's proposal. Add or remove rows as needed.

Name	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Years of experience with this firm/employer	10
Title	Project Executive	Years of experience with other firm(s)/employer(s)	16
Degree(s) /Years/ Specialization		Bachelor of Science / 1999 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		P.E.0031065 / LA / Exp. 09/30/26 | PTOE 2728 / Exp. 09/30/26 | PLS 5043	
Year registered	2004 (P.E.); 2009 (PTOE); 2010 (PLS) Discipline	P.E. / Civil, PLS, PTOE	
Contract role(s) / brief description of responsibilities		Project Executive / Bert will provide overall contract management and direction for our team, and assist with traffic related tasks as needed.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
Career	Bert is a professional engineer with more than 26 years of experience designing and managing projects in the fields of traffic and transportation engineering. He previously spent six years as the district traffic operations engineer for LADOTD where he was responsible for the daily maintenance and operation of signs, striping and traffic equipment for 2,000 miles of roadway and over 600 traffic signals in the Department's Baton Rouge district. His experience is in traffic operations, traffic control, signal warrants, traffic signal timing and design, safety studies, the implementation of access management principles, temporary traffic control for work zones, Transportation Management Plans (TMP), and bicycle and pedestrian accommodations the roadway network. Bert has been the Project Executive and led the traffic efforts of this contract over the past 8 years.		
2/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 & 21: Endom Bridge, West Monroe, LA | *Project Executive.*** Bert was responsible for overseeing the data collection, analyzing the traffic counts to determine appropriate lane configuration and geometry, and support and coordination of overall design.		
03/21–Ongoing	**MSY, Task 4: Entrance Road Capacity, Kenner, LA | *Senior Transportation Engineer.*** Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.		
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design | *Project Executive.*** Gresham Smith was tasked with the full roundabout design which will be in accordance with LADOTD's		

	Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Bert has assisted the team with roundabout analysis, temporary traffic control and sequencing of construction.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA	*Project Executive*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users.
02/22–Ongoing	**City of Dallas, Vernon/ Tyler Gap from Polk Street to DART Tracks, Dallas, TX.** Gresham Smith was selected to provide planning and engineering services to the City of Dallas to update their Bicycle Master Plan, prepare feasibility studies for specific high priority bicycle facilities, and develop final design plans for specific high priority bicycle facilities. The scope of this project includes updating the City-Wide Bicycle Network to reflect existing conditions, priority destinations or connections, and desired facility types comfortable for a wide range of ages and abilities; ensuring bicycle route feasibility based on City traffic engineering standards and specifications, safety and public input; updating design standards for bicycle facilities based upon identified national, state and local best practices; creating a prioritized and phased implementation plan; and setting a path for incorporating the Dallas Bike Plan in the Thoroughfare Plan, City Code, etc.
04/18–05/19	**LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA	*Project Executive.*** 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.
10/17–04/18	**LADOTD, US 90 Bridge Maintenance over I-10 Ramps, Transportation Management Plan (TMP), Lake Charles, LA	*Project Executive.*** 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.

Name	Brennon Hughes, P.E.	Years of experience with this firm/employer	8
Title	Project Manager	Years of experience with other firm(s)/employer(s)	6
Degree(s) /Years/ Specialization		Bachelor of Science / 2011 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		P.E.0039985 / LA / Exp. 03/31/26	
Year registered	2015 Discipline	P.E. / Civil	
Contract role(s) / brief description of responsibilities		Project Manager / Brennon will lead all project management tasks as well as lead the Roadway Design tasks.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
03/21–Ongoing	**MSY, Task 4: Entrance Road Capacity, Kenner, LA	*Lead Roadway Design Engineer*.** Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY.		
08/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA	*Lead Roadway Design Engineer.*** Brennon led the design and the preparation of preliminary and final plans and cost estimates. This project involves safety and operations improvements for the intersection realignment, curb and gutter drainage design, sidewalks, and turnouts. The project is currently under construction.		
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design	*Lead Roadway/Roundabout Design Engineer.*** Gresham Smith was tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Brennon is leading the design and the preparation of preliminary and final plans and cost estimates.		
08/22–Ongoing	**City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA	*Lead Roadway Engineer.*** 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). Brennon is the lead engineer on this project, providing roadway design and signal design oversight.		

06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA	*Lead Roadway Design Engineer*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users.
09/17–06/19	**LADOTD, SRTS/LRSP Task Order 7: McMillan Street at Blanchard Street Design, West Monroe, LA	*Lead Roadway Design Engineer.*** This was a striping and intersection improvement project in West Monroe, LA. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates. The scope included the design and installation of an ADA ramp and a new crosswalk for pedestrian safety.
11/19–06/21	**LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades (West Feliciana)	*Lead Roadway Design Engineer.*** Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He also led the design and the installation and preparation of preliminary and final plans which includes new signing, striping along 10 local routes within the parish and guardrail replacement at 12 bridge and cross drain locations along with cost estimates. The project is currently under construction.
11/17–06/19	**LADOTD, SRTS/LRSP Task Order 11: Ouachita Sidewalks, Monroe, LA	*Lead Roadway Design Engineer.*** This was a sidewalks and drainage with cross sections project in Ouachita Parish, Louisiana, to enhance pedestrian safety. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates.
02/22--Ongoing	**City of Dallas, Vernon/ Tyler Gap from Polk Street to DART Tracks, Dallas, TX – *Design Engineer.*** Brennon was the design engineer of record for the Vernon/Tyler Gap (from Polk St to Dart Tracks) Project. This project consisted of converting an existing 6-lane corridor to a 4-lane corridor with buffered bike lanes. Additionally, existing 3- and 4-lane sections of the corridor were modified to accommodate bicycles within the existing roadway footprint. Brennon developed plans of a proposed striping layout on aerial background images, including quantities.
10/18–04/21	**LADOTD, SRTS/LRSP Task Order 16: Tangipahoa Striping Design, Tangipahoa Parish, LA	*Lead Roadway Design Engineer*.** Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He is also leading the design and the preparation of preliminary and final plans and cost estimates. Brennon led the plan-in-hand meeting with local officials for the preliminary design review and served as the engineer of record for the design development. The project is currently under construction.

Name	Richard Savoie, P.E.	Years of experience with this firm/employer	6
Title	Senior Roadway Engineer	Years of experience with other firm(s)/employer(s)	40
Degree(s) /Years/ Specialization		Bachelor of Science / 1978 / Civil Engineering, McNeese State University	
Active registration number/ state/ expiration date		P.E.0020936 / LA / Exp. 09/30/26	
Year registered	1983 Discipline	P.E. / Civil	
Contract role(s) / brief description of responsibilities		Senior Roadway Engineer / Richard will assist with roadway design tasks.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
03/21–Ongoing	**MSY, Task 4: Entrance Road Capacity, Kenner, LA | *Senior Engineer.*** Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes the widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the design-build freeway operated by LADOTD to the existing roundabout on the airport property, improving the flow of traffic from MSY. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.		
09/18–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | *Senior Engineer.*** The project consisted of roadway realignment at the bridge approach to improve roadway geometry and safety. Right-of-way is being acquired at one quadrant of the intersection and Richard is assisting with the coordination between the right-of-way plans and the roadway requirements. Richard performed Quality Control reviews on the final preliminary design submission and is overseeing Quality Control on the final design process.		
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design | *Senior Engineer.*** Gresham Smith was tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewing all potential improvements, and performed QC reviews on the preliminary and final design plan submissions.		
08/22–Ongoing	**City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA | *Project Manager.*** 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).
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA | *Project Manager*.** Gresham Smith was selected to perform the corridor enhancement of Plank Road between Dawson Drive to Harding Boulevard. This project will include a topographic survey, a design study for bicycle and pedestrian facilities, improved drainage, transit facilities, new traffic signals and street lighting. Once the design study is complete the project will move into the development of design plans. The project will result in a revitalized corridor with improvements for all users. Richard is managing the project on a day-to-day basis and leading the coordination with our sub-consultants.
09/18–01/20	**LADOTD, SRTS/LRSP Task Order 18: Denham Springs Striping Design, Livingston Parish, LA | *Senior Engineer.*** This project includes the site evaluation of 9 local roadways with the highest accident rate history in the City of Denham Springs. Gresham Smith performed ball bank evaluations for every curve on the 9 routes and evaluated driveway locations, intersection geometry and signing issues. Richard was responsible for overall Quality Control on the project. He mentored the engineering staff on the field evaluation requirements, reviewed all potential improvements, and performed QC review on the preliminary and final design plan submissions.
02/90–03/14	**LADOTD, Project and Program Delivery.** Richard was the PM for the I-49 North project in Caddo Parish, from I-220 to the Arkansas State Line. The project started with the Corridor Selection Study and progressed to the Environmental Impact Study. Once the alignment was selected plan development began and thence project delivery for this $670 million project. As the Deputy Chief and Chief Engineer, he met with program managers in the Engineering Division and approved and recommended changes to their budget partitions and project schedules. Worked with District Administrators to exchange mileage with local entities when new roadways were being added to the department's roadway mileage. Was the Engineering Division's voting member on the LADOTD's Project Delivery Steering committee responsible for the department's different programs budget partition approval and overall project delivery. Richard was the LADOTD's 1st Value Engineering Director beginning in 1998 when the department was recognized by FHWA with the "Big Kahuna Award" for an outstanding program.
05/80–02/06	**LADOTD, Road Design | *Design Engineer/Project Manager*.** Richard spent 26 of his 34-year LADOTD career in Road Design. Starting as an EIT 1 progressing to Asst. Road Design Engineer responsible for project management of roadway design by staff and design consultants preparing roadway plans and developing roadway design projects.

Name	Ronnie Robinson, P.E.	Years of experience with this firm/employer	9
Title	Senior Transportation Engineer	Years of experience with other firm(s)/employer(s)	33
Degree(s) /Years/ Specialization		Bachelor of Science / 1982 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		P.E.0024040 / LA / Exp. 03/31/26	
Year registered	1988 Discipline	P.E. / Civil	
Contract role(s) / brief description of responsibilities		Senior Transportation Engineer / Ronnie will assist on the roadway design teams.	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
02/17–12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA	*Senior Engineer.*** Ronnie's responsibilities included developing preliminary and final plans and construction cost estimates. His efforts included coordination of the contaminated waste investigation, drainage layout and quality control for the preliminary design.
04/20–11/22	**City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design	*Senior Engineer.*** Gresham Smith was tasked with the full roundabout design which will be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Ronnie provided quality control for the preliminary design phase, participated in the plan-in-hand meeting, and provided design assistance for the development of the final design plans.
07/17–06/19	**LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Design, West Monroe, LA	*Senior Engineer.*** Ronnie's responsibilities included conducting field traffic observations and collecting field data for the study portion. For the design portion, his responsibilities included developing conceptual designs, preliminary and final plans and construction cost estimates.
04/18–12/19	**LADOTD, SRTS/LRSP Task Order 14: Farmerville Sidewalks Design, Farmerville, LA	*Senior Engineer.*** Ronnie was responsible for coordination with State and Local officials on the location of the proposed improvements and developing the Project Report which included defining project scope and preparing construction cost estimates to determine the feasibility of the project.
11/19–06/21	**LADOTD, SRTS/LRSP Task Order 22: Local Road Safety Upgrades, West Feliciana Parish, LA	*Senior Engineer.*** Ronnie was responsible for the development of the guardrail design (preliminary and final plans) for the 12 bridge and cross drain sites along 10 local routes within the parish.
12/16–06/19	**LADOTD, SRTS/LRSP Task Order 5 & 11: Ouachita Parish Schools Report and Design, Monroe, LA	*Senior Engineer.*** Ronnie's responsibilities included coordination with State and Local officials on the location of the

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

Name	Zillah Zoleta, E.I.	Years of experience with this firm/employer	3
Title	Engineer Intern	Years of experience with other firm(s)/employer(s)	0
Degree(s) /Years/ Specialization		Bachelor of Science / 2022 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		EI. 0035238 / LA / 3/31/2027	
Year registered	2022 Discipline	Civil	
Contract role(s) / brief description of responsibilities		Engineer Intern / Zillah will support the Roadway team.	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
08/22–Ongoing	**City of Gonzales, US 61 Superstreet (Lowes Ave to LA 44), Gonzales, LA | *Engineer Intern.*** Gresham Smith is currently performing the design to convert this section of US 61 to a Superstreet. This design will remove all of the uncontrolled median breaks and replace them with directional median U-Turn or J-Turn with exclusive turn lanes. These J-Turns will be controlled by a 2 phased traffic signal which will only stop one direction of US 61 so that the U-Turns can be made. Additionally, the existing signalized intersection of US 61 at Lowes and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). Zillah is supporting geometric design and developing typical sections and plan profile sheets.
09/21–03/22	**LADOTD, LRSP TO#2 - Bonner Street Pedestrian Improvements, Ruston, LA | *Engineer Intern.*** Gresham Smith provided design services in connection with the installation of lighting, pedestrian signals, signs, striping, and pavement markings. Zillah served as the transportation engineer intern for this project. She was responsible for pedestrian crossing data collection at two bridges. She captured and counted multi-directional data for each intersection.
07/22–Ongoing	**LADOTD, Greenwell Springs & Wooddale Sidewalks, Baton Rouge, LA | *Engineer Intern.*** Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Greenwell Springs and Wooddale Dr in Baton Rouge, LA. Zillah is responsible for development of typical section and plan profile sheets.
06/21–Ongoing	**EBR DTD, MovEBR-Plank Road Corridor Enhancement, Baton Rouge, LA | *Engineer Intern.*** This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah's responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.

Name	John Weres, P.E.	Years of experience with this firm/employer	8
Title	Deputy Project Manager	Years of experience with other firm(s)/employer(s)	36
Degree(s) /Years/ Specialization		Bachelor of Science / 1980 / Civil Engineering, University of Pittsburgh	
Active registration number/ state/ expiration date		P.E.0036429 / LA / 09/30/25	
Year registered	2011 Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities		Deputy Project Manager / John will lead a bridge design design team and support with project management tasks.	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
12/24–Ongoing	**LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA | *Project Manager.*** The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou.
8/15–11/18	**LADOTD, ITS Design & Implementation WO# 4: H.011503 – I-10 Twin Span ITS, Slidell, LA | *Lead Structural Engineer*.** Gresham Smith was selected to develop design plans along with specifications and cost estimates for the eight-mile I-10 Twin Span ITS project. Involves ITS equipment retro-fit along the corridor utilizing existing fiber, electrical systems, cabinets, camera poles, a Digital Message Sign (DMS) pole, a communications hut and a bridge health system. John was responsible for the structural analysis required for the new 60' camera poles to be places along existing foundations on the bridge, design of the platforms and handrails, and for the foundation, support pole and butterfly truss, the 1st of its kind in Louisiana, to support the Dynamic Message Sign that was placed on the bridge crossover.
05/19–04/22	**LADOTD, Local Road Safety Program, West Feliciana Parish, LA | *Lead Structure Engineer*.** John provided recommendations for standard plans and details to be incorporated for the proposed bridge railing replacements. He performed preliminary site inspection and ball bank testing. John coordinated RFI and standard drawing modifications and LADOTD Complex Bridge Inspection tasks.
07/18–06/21	**MDOT, SR 149 Simpson County Bridge Replacements, MS | *Lead Structure Engineer.*** Gresham Smith is partnering with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. Gresham Smith is designing the two longer structures (Bridge 128.2 and Bridge 128.6). This is the first instance of partial depth deck panels utilized for MDOT as a pilot to verify the ease of construction and as an accelerated (ABC) time condition.

Name	Courtney Rome, P.E.	Years of experience with this firm/employer	7
Title	Bridge Engineer	Years of experience with other firm(s)/employer(s)	8
Degree(s) /Years/ Specialization		Bachelor of Science / 2009 / Civil Engineering, Southern University and A&M College	
Active registration number/ state/ expiration date		P.E.0043355 / LA / 09/30/25	
Year registered	2019 Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities		Bridge Engineer / Courtney will lead the structural design related tasks.	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
12/24–Ongoing	**LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA | *Project Manager.*** The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.
06/19–10/23	**LADOTD, Complex Bridge Inspections, Statewide, LA | *Engineer.*** As an NHI Certified Bridge Inspector, Courtney performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and moveable bridges.
07/19–Ongoing	**TDOT, Complex Bridge Load Ratings, Statewide, TN | *Project Engineer.*** Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. Courtney performed QC reviews on the load rating analysis and reports.
06/21–08/21	**FLDOT, Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL | *QA/QC.*** Florida DEP selected Gresham Smith to inspect and evaluate two historic bridges, the Seven Mile Bridge and the Bahia-Honda Historic Truss. Both structures are closed to traffic.
11/17–01/18	**TDOT, Off-System Underwater Bridge Inspections, Statewide, TN | *QC Reviewer.*** Courtney provided quality control reviews for the inspection reports and graphics. The project included over 50 bridges throughout Tennessee

Name	Jackson Hartley, E.I.	Years of experience with this firm/employer	3
Title	Bridge Engineer Intern	Years of experience with other firm(s)/employer(s)	0
Degree(s) /Years/ Specialization		Bachelor of Science / 2021 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		EI. 35058 9/30/2026	
Year registered	2022 Discipline	Civil	
Contract role(s) / brief description of responsibilities		Bridge Engineer Intern / Jackson will support the bridge design.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
12/24–Ongoing	**LADOTD, Lafourche Bayou Bridge Stage 0 Study, Raceland, LA | *Project Manager.*** The purpose of the project is to improve traffic safety, and navigation operations of Willow Street (Old La 182) and Lafourche Bayou. For this Stage 0 study we are developing two (2) alternates that will propose removal of the existing bridge and replacing it with either a vertical lift or swing span bridge, while improving the traffic safety, and navigational operations of this roadway over Lafourche Bayou. The need for this project is to replace the existing geometrically and structural deficient vertical lift bridge over Lafourche Bayou.		
06/21–10/22	**LADOTD, Complex Bridge Inspections, Statewide, LA | *Bridge Engineer Intern*.** Task Order 6 - Retainer project for various movable bridge inspections. Jackson assisted with site inspections of movable bridges including Bridge 009130, Charington Swing Bridge, Bridge 005860 Jeanerette Swing Bridge, and Bridge 003450 Boudreaux Canal. Jackson has performed photo log preparation and stream bed analysis for the Boudreaux Canal Bridge. Jackson participated in the site inspections and photo documentation as a summer intern and has progressed.		
11/22–10/23	**LADOTD, Complex Bridge Inspections, Statewide, LA | *Bridge Engineer Intern*. Task Order 6** - Retainer project for various movable bridge inspections. Jackson provided support and performs site assessments for the partial re-inspection of bridges throughout LADOTD District 62.		
06/21–08/21	**Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL | *Bridge Engineer Intern.*** Florida DEP selected Gresham Smith to inspect and evaluate two historic bridges, the Seven Mile Bridge and the Bahia-Honda Historic Truss. Both structures are closed to traffic. Jackson assisted with cataloging the drone videos and photographs and also assisted with the report formatting.		

Name	Ruth Park, P.E.	Years of experience with this firm/employer	6
Title	Bridge Engineer	Years of experience with other firm(s)/employer(s)	0
Degree(s) /Years/ Specialization		Bachelor of Science / 2018 / Civil Engineering / Lipscomb University	
Active registration number/ state/ expiration date		126968 / TN / 10/31/2026	
Year registered	2022 Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities		Bridge Design / Ruth will support the bridge related tasks.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
04/22–06/22	**LADOTD, Complex Bridge Inspections, Statewide, LA | *Engineer Intern*.** Retainer project for various bridge inspections of major river crossings. Ruth assisted with the bridge inspection of the I-10 Vicksburg Bridge for DOTD. Task included field inspection of the mile-long approach spans utilizing boat as access in the flooded areas inside the levee.		
07/19–Ongoing	**TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineer Intern.*** Ruth provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.		
06/17–Ongoing	**TDOT, SR 171 over I-40 Bridge Widening, Wilson County, TN | *Engineer Intern*.** Engineer Intern. Gresham Smith was hired by the City to widen SR 171 to add an additional lane across the bridge and carry the project through the TDOT Local Programs process. The project widened the roadway for 0.70 miles to add another lane, bike lanes and sidewalks through the interchange with landscaping features to create an entrance into the City. The design consisted of revised drainage systems, decorative lighting and decorative bridge rails, retaining walls to minimize impacts to the property owners, signal design, bridge design and signing. Ruth's role on this projected included drawing the approach slab and prestressed box beams as well as calculating quantities for the box beams, superstructure, abutments, excavation, backfill, and pipe underdrain.		

Name	Alben Cooper, III, P.E., PTOE	Years of experience with this firm/employer	1
Title	Senior Traffic Engineer	Years of experience with other firm(s)/employer(s)	17
Degree(s) /Years/ Specialization		Bachelor of Science / 2006 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		PE.0036291 / LA / Exp. 9/30/25 | PTOE 3206 / Exp. 5/2/27	
Year registered	2011(P.E.; Discipline 2012 (PTOE)	P.E./Civil; PTOE	
Contract role(s) / brief description of responsibilities		Senior Traffic Engineer / Alben will assist with traffic related tasks.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
01/24–Ongoing	**LADOTD, LA 14 – US 90 to Power Centre Pkwy, Lake Charles, LA | *Senior Transportation Engineer (QA/QC)*.** A traffic study was performed by Gresham Smith to identify potential mitigations for pedestrian deficiencies along the subject corridor including, but not limited to, improve signal operation, access management and sidewalks. The study included data collection, tiered evaluation of improvements, Synchro analysis and safety analysis. Mr. Cooper was responsible for technical assistance and performed QA/QC for the traffic study.		
01/24–05/24	**LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA | *Senior Transportation Engineer/QA/QC*.** 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 and after travel studies. Mr. Cooper was responsible for the QA/QC of the "before study".		
10/23–03/25	**Ascension Parish, Traffic Impact Analysis IDIQ, Ascension Parish, LA | *Senior Transportation Engineer/Project Manager.*** Gresham Smith was selected for on-call services to perform traffic impact analyses (TIA) for proposed developments in Ascencion Parish. The projected trips generated by proposed developments are analyzed to determine the effect the development will have on the surrounding road network and mitigating improvements are identified, if needed. Gresham Smith has performed multiple TIAs under this contract with additional studies expected to begin in the near future. Alben has been a project manager on multiple TIAs and has also performed QA/QC on various other studies performed under the contract.		

Name	Rebecca Murray, P.E., PTOE, RSP1	Years of experience with this firm/employer	10
Title	Traffic Engineer	Years of experience with other firm(s)/employer(s)	0
Degree(s) /Years/ Specialization		Bachelor of Science / 2015 / Civil Engineering, Louisiana State University	
Active registration number/ state/ expiration date		P.E.0043788 / LA / Exp. 3/31/26 | PTOE 4861 / Exp. 3/26/26 | RSP1 611 / Exp. 4/5/27	
Year registered	2019 (PE); 2020 (PTOE; 2021 RSP 1 Discipline	P.E./Civil; PTOE; RSP1	
Contract role(s) / brief description of responsibilities		Traffic Engineer / Rebecca will assist with traffic related tasks.	

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
07/18–12/21	**LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA | *Engineer.*** Gresham Smith collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety toolbox. Traffic analysis was performed using mainly HCS and Synchro and other software tools as needed. We reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analysis to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), and we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed. Rebecca assisted with review of the count data, development of growth rates, crash data analysis, performed the existing and future traffic analysis, performed the safety effectiveness evaluation, and developed the benefit-cost ratios for the alternatives.
10/23–03/25	**Ascension Parish, LA 3127 Extension Environmental Assessment, Donaldsonville, LA | *Traffic Engineer.*** Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.
04/18–05/19	**LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA | *Pre-Professional.*** Gresham Smith developed a TMP for the Rubbelization and Overlay on I-10 between I-210 and the LA 108 Interchange. Included the mill and overlay of I-10, widening two flat deck bridges on I-10 to add a lane, and replacing all of the concrete panels on I-10 through the LA 108 interchange. Traffic was moved to a C/D road within the interchange and cloverleaf ramps were closed during construction. Two temporary traffic signals were designed to facilitate traffic at this interchange, and this project included data collection and queue and safety analyses and traffic signal design. Rebecca assisted with

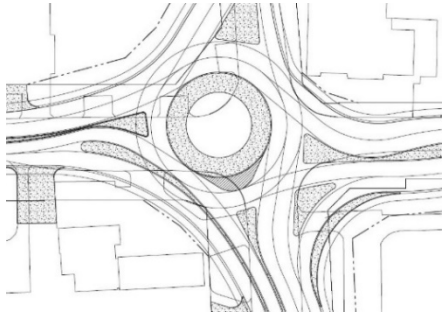
	traffic counts and queue analysis, safety analysis, alternate route/detour analysis, temporary traffic control, and development of the TMP report.
05/17–03/19	**LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA	*Pre-Professional.*** Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, conduct a Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives, and development of the report.
10/17–04/18	**LADOTD, US 90 Bridge Maintenance over I-10 Ramps, Transportation Management Plan (TMP), Lake Charles, LA	*Project Executive.*** Gresham Smith was selected to develop a TMP for the replacement of the bridge deck of the US 90 overpass over I-10 in Lake Charles, LA. The project included working with the design engineers to determine the required lane closures for the construction, data collection and queue and safety analyses. Rebecca's role was to review traffic and crash data and assist with development of the TMP report.
05/17–01/19	**LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA	*Pre-Professional.*** Rebecca's role was to oversee data collection, develop a data collection report, perform the safety analysis, develop VISSIM models for 6 alternatives and calibrate the models, develop presentation material for the public meeting and development of the final report.
03/21–Ongoing	**MovEBR, Bluebonnet Boulevard Sidewalks (North Mall Dr. to Bluebonnet Centre Blvd.) City-Parish Project No. 20-EN-HC-0029, East Baton Rouge, LA	*Engineer.*** Gresham Smith was selected to perform a pedestrian operations study of the intersection of Bluebonnet Boulevard at Bluebonnet Centre/Blue Cross and to develop design plans to add pedestrian signals to the existing traffic signal in Baton Rouge, Louisiana. The goal of this project will be this project will bring this existing intersection up to current ADA requirements for pedestrians. Rebecca is leading the efforts for the traffic design report including traffic and pedestrian data collection, existing and future analysis using Synchro, existing safety analysis, and developing proposed pedestrian accommodations at signalized intersections using LADOTD and Baton Rouge City-Parish standards.
05/21–Ongoing	**MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA	*Engineer.*** Rebecca's role on the project was to oversee data collection, develop a data collection report, perform peak hour traffic observations, determine a growth rate, perform the safety analysis/crash review, perform existing and proposed traffic analysis, develop Synchro models for Existing, Future No Build and Build alternatives, prepare the project report, and participate in the public meeting.

Name	Kofi Ampofo-Twumasi, E.I.	Years of experience with this firm/employer	3
Title	Engineer Intern	Years of experience with other firm(s)/employer(s)	0
Degree(s) /Years/ Specialization		Master of Science / 2022 / Civil Engineering / University of Louisiana	
Active registration number/ state/ expiration date		E.I. 0035386 / LA / 9/30/2025	
Year registered	2022 Discipline	Civil	
Contract role(s) / brief description of responsibilities		Engineer Intern / Kofi will support the traffic related tasks.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract		
08/21–Ongoing	**LADOTD, LRSP TO #6 (LA-14: US 90 to Power Center Pkwy) Traffic Report, Lake Charles, LA | *Engineer Intern*.** Gresham Smith is preparing and coordinating a traffic report to analyze no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 from US 90 (Fruge Street) to Power Centre Pkwy. This traffic report is being prepared in conjunction with the DOTD Engineering Directives and Standards Manual (EDSM).		
11/22–Ongoing	**MovEBR, Airline Hwy, North (Florida Blvd - Interstate I-110)(HUVAL) | *Engineer Intern*.** Gresham Smith is preparing a traffic study which includes US 61 (Airline Highway) from the Interstate-110 interchange to the Florida Boulevard interchange. The traffic study is evaluating the widening of US 61 from 2-lanes to 3-lanes in each direction in addition to other capacity, safety, and access management improvements that aim to maximize project benefits.		
10/20–08/23	**Ascension Parish, TO #2-LA 621 Realignment Mitigation, Gonzales, LA | *Engineer Intern*.** Gresham Smith is preparing and coordinating a traffic study to analyze existing and future conditions along LA 73 from the I-10 westbound terminal to near Norris Trail and LA 621 corridor from LA 73 to east of L Landy Rd to ensure that the mitigation of the realignment of LA 621 will cause no adverse effects to the study area.		
04/22–Ongoing	**MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA | *Engineer Intern*.** Gresham Smith is providing services through a Master Contract: 43075.00 LADOTD-Retainer-ITS CE&I Services-Statewide (Contract 44-11253, T.O. #011513) to Implement the Fiber Optic Mapping & Management system in Lake Charles, New Orleans and Monroe. Our team is providing management throughout the duration of the project for all tasks.		

14. *List firm's project experience **most relevant** to the scope in the advertisement. The firm should list **no more than 10 projects** and should include **no more than one page per project.** If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects.*

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

This project was originally designed as an intersection improvement project to add left and right turn lanes at the intersection of Hooper Road (LA 408) at Sullivan Road (LA 3034). 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 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. Determining the location of the roundabout is critical in balancing a good geometric design with minimal right-of-way impacts and utility conflicts. This project included 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. The project let in December 2022, and the design of the future roundabout is now being considered in a separate CMAR project.

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

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.

Project Highlights

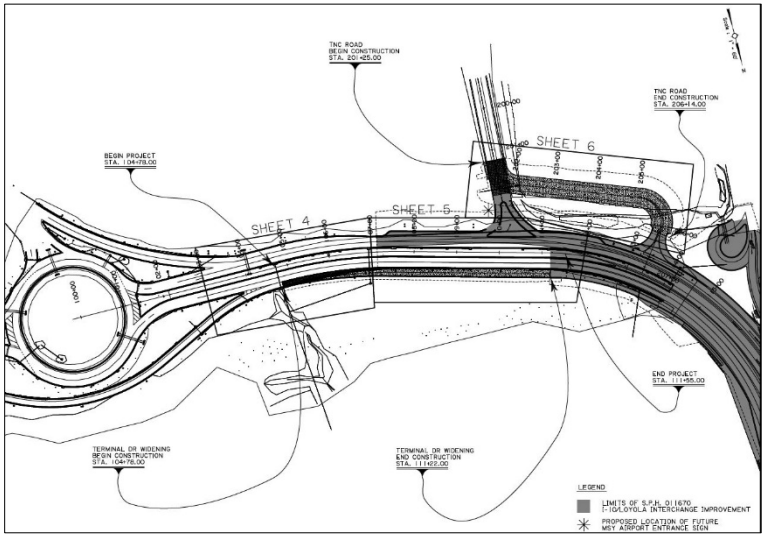
- Milling Asphalt Pavement
- Traffic Maintenance
- Intersection Realignment
- Subsurface Drainage Design
- Truck Island Design
- Improved sight distance and safety
- Construction sequencing and detours

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.

Project name	MSY – Task 4: Entrance Road Capacity	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	New Orleans Airport (MSY)
Project location	Kenner, Louisiana	Owner's Project Manager	Kenny Boyd
Owner's address, phone, email		1 Terminal Dr, Kenner, LA 70062 / 303.641.9729 / ksboyd@burnsmcd.com	
Services commenced by this firm (mm/yy)	03/21	Total consultant contract cost ($1,000's)	$180.5
Services completed by this firm (mm/yy)	04/24	Cost of consultant services provided by this firm ($1,000's)	$180.5

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 under construction.

Project name	SR 178 Benton County – Replacement of 2 Bridges	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Mississippi Department of Transportation
Project location	Benton County, MS	Owner's Project Manager	Scott Westerfield, P.E.
Owner's address, phone, email		401 North West Street, Jackson, MS / 601.359.7200 / swesterfield@mdot.ms.gov	
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost ($1,000's)	$417
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$417

Gresham Smith holds a 3-year IDIQ Bridge Retainer with MDOT. Under Work Assignment 1, Gresham Smith was tasked for completing Phase B (Final Design) for the reconstruction of two bridges and associated roadway. A third bridge was replaced with a twin-cell box culvert. To reduce the overall construction costs, Gresham Smith was requested to re-design the previously prepared (by others) Phase A roadway design for Bridge 47.1 to utilize the existing alignment, rather than an off-line alternative designed by others.

Previous Benton County Bridge

To reduce the total structure depth and improve the bridge hydraulics, the superstructures were designed with Florida I-Beam (FIB) shaped prestressed concrete girders. As one of the longer spans in Mississippi to utilize the FIB shapes, Gresham Smith also performed a haul analysis and constructability review to verify that the 135' long, 70-ton girders could be delivered and erected at this rural location. For the multi-span structure, the bridge spans were designed as simply supported beams with a "link-slab" detail utilized to eliminate the deck joints. The span arrangements are as follows:

- Bridge 51.3 (Bridge A) – FIB-45; 3 spans = 80' – 100' – 80' = 260'
- Bridge 47.1 (Bridge B) – FIB 54; 1 span = 135'

New 3-Span Bridge with FIB Girders

New 2-Span Culvert

Project name	SR 149 Simpson County – Replacement of 4 Bridges	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Mississippi Department of Transportation
Project location	Simpson County, MS	Owner's Project Manager	Scott Westerfield, P.E.
Owner's address, phone, email		401 North West Street, Jackson, MS / 601.359.7200 / swesterfield@mdot.ms.gov	
Services commenced by this firm (mm/yy)	05/19	Total consultant contract cost ($1,000's)	$500
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$500

Gresham Smith holds a three-year IDIQ Bridge Retainer with MDOT. Under Work Assignment 3, Gresham Smith is partnered with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. Gresham Smith initially designed the two longer structures (Bridge 128.2 and Bridge 128.6) while MDOT was designing the remaining two structures. Gresham Smith is also designing the roadway for the entire project. To support MDOT's workload, Gresham Smith performed final design and plan development for the two bridges preliminarily designed by MDOT.

In order to reduce the total structure depth and improve the bridge hydraulics, the superstructures are being designed with Florida I-Beam (FIB) shaped prestressed concrete girders. MDOT has utilized the FIB shapes on a few smaller structures; however, this 150' span will be the longest FIB girder design completed in Mississippi. The bridge spans are designed as simply supported beams with a "link-slab" detail used to eliminate the deck joints.

The span arrangements for the two larger bridges designed by our Baton Rouge staff are as follows:

- Bridge 128.2 Sellers Creek – 40' clear roadway;

5 spans = 110' – 130' – 3 @ 110' = 570'

- Bridge 128.6 Strong River – 40' clear roadway; 10 spans = 7 @ 110' – 150' –

2 @ 110' = 1140'

In May 2020, MDOT notified Gresham Smith that the two bridges scheduled to be designed by MDOT staff would be assigned to Gresham Smith in a future task order due to staffing conflicts at MDOT, in order to complete the design packages more timely. Our Baton Rouge staff designed the two larger bridges while our Jackson MS staff designed the two smaller bridges.

15. Provide any additional information or description of resources supporting your firm's qualifications for the proposed contract including information that your firm has adequate staffing to complete the contract and a description of how your firm intends to meet any specialized requirements as may be provided in the advertisement for the contract. This section should be limited to four pages. If more than four pages are included, all pages after the fourth page may be discarded prior to providing the proposals to the Project Evaluation Team for grading.

This project will consist of the design of a new two-lane roadway with 12' travel lanes and 8' shoulders located in Bossier Parish, LA. Several corridors were analyzed as a part of the Environmental Assessment (EA) completed in 2010. Based on the selected alignment, 3R, from this E.A., the new roadway will begin at LA 3 (Benton Rd) just north of Mondello Way and just south of Chinaberry Drive. It will extend to the east approximately eight miles and tie into Bellevue Road at the Winfield Road intersection. Additionally, five bridges are to be constructed along the route. These will consist of two cast-in-place slab spans and three precast prestressed (LG type) girder bridges. Finally, Right-of-Way (ROW) clearance will be provided for the future widening to a four-lane divided highway.

Roadway Design Process

1. Establishing Control for the Project – LADOTD Location & Survey Section must first provide survey control for the project so that our Team Member Raley and Associates may initiate the topographic survey.
2. Topographic and Property Survey – Raley and Associates will complete the topographic survey. As this is a new alignment roadway, we know that ROW will need to be acquired throughout the length of the project limits. Therefore, Raley, who already have vast property records in the area having subdivided many parcels along the route, will be able to pick up any additional information needed for the property survey while mobilized for the topographic survey.

30% Preliminary Plans	60% Preliminary Plans	90% Preliminary Plans	100% Preliminary Plans
Survey of existing conditions	Hydraulics/Drainage Calculations	Plan-in-Hand Meeting	ROW Maps (if necessary)
Title Sheet, Proposed Typical Section, Plan Profile Sheets	Drainage Plan Profile Sheets, Drainage Maps, Geometric Details, Cross Sections	List of potential items, Summary Sheets with tables set up, sequence of construction	Joint Plan Review Meeting
Establish Design Criteria	Preliminary Design Report	Final Design Report	Revised Final Design Report (if necessary)
Geometric Review	Preliminary Hydraulics Review	Initial Design Exception or Waiver request (if necessary)	Final Hydraulics Review

3. Preliminary Design
4. Final Design – if requested, Final Plan services will be provided by supplemental agreement after environmental has been cleared.

Project Obstacles and Solutions

1. Providing ROW Clearance for Future Construction

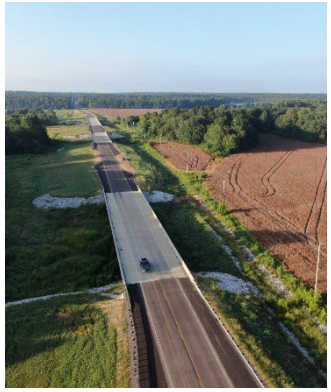
- ***Problem****:* The Environmental Assessment for this project was completed in 2010. This EA was based on the future roadway consisting of a 5-lane urban collector with a 16' wide two way left turn lane. However, this project is scoped for future widening to a four-lane divided highway. Current LADOTD Minimum Design Guidelines developed in 2017 call for a preferred at grade median width of 50' for urban roadways. Therefore, in order to meet preferred minimum design guidelines, our required ROW width/footprint will be larger than anticipated in the EA. A wider ROW footprint likely means more impacts to property owners. For example, the EA shows the selected alignment corridor directly over Bayou Crossing Dr at Old Brownlee Rd (approximately as shown by red lines in the photo below). A wider footprint here may lead to the acquisition of the business to the north and/or the residence to the south.

- ***Solution:*** One solution to consider will be utilizing a median less than the 50' preferred to develop ROW taking lines. For example, a 30' raised median would save 20' of critical ROW. Additionally, this median would still be wide enough to provide opposing offset left turn lanes, where required, allowing for sight distance to safely negotiate the left turns. While a 30' median would require a design waiver to be documented on the project design report form, this solution would be well above the minimum "accepted" value of 6' raised median.

2. Recent Development Since Completion of Environmental Assessment

- ***Problem***: Since the completion of the EA, there has been some residential development along the selected alignment which was not originally accounted for. For example, just east of Swan Lake Road, a new subdivision road (Caledonia Drive) has been developed along with several residences. The EA shows the selected alignment corridor potentially impacting these homes (approximately as shown by red lines in the photo below).
- ***Solution*:** Careful consideration must be given to developing our proposed horizontal alignment to minimize impacts as much as feasibly possible. A potential solution will be to slightly modify the alignment to the north at this location.

3. Selected Alignment falls on Property Lines



- ***Problem****:* According to the EA, there are several locations where the proposed corridor appears to fall along the property line of two adjacent properties. For example, from Old Brownlee Road to the east for about 4,500', the selected alignment corridor straddles the property lines (approximately as shown by the red lines in the photo below). This can add unnecessary ROW acquisition work by increasing the number of affected property owners, adding to project costs and lengthening the schedule.
- ***Solution:*** We will look to mitigate this by adjusting the alignment in these locations in order to minimize the number of property owners affected. In just the photo above, shifting the alignment slightly north can potentially reduce the number of affected properties from 9 to 4. We will consider how these alignment adjustments will affect our roadway geometry, and ensure that we are not incorporating unnecessary curves just to reduce the impacts to a property owner. We will take a holistic look at the corridor and implement these adjustments after thorough analysis.

Project Features

- A review of Google indicates there are 2 existing traffic signals south and north of the planned intersection at Benton Road (LA 3). One on the south end at Brownlee Road (2400'+/-) and one on the north end at Wemple Road (2300'+/-). This new intersection with LA 3 is likely to require a signal also and it will be midway between the existing signals. These signals will be less than the ½ mile spacing requirement of the LADOTD. A similar scenario exists on Airline Drive (LA 3105) adjacent to the proposed intersection. Our traffic engineers will evaluate these proposed intersections and make recommendations in accordance with the Traffic Engineering Process and Report that could include relocating existing traffic signals, implementing roundabouts, a super street or another solution.

- There is a sidewalk along Swan Lake Road on the East side. There will be a need to accommodate pedestrians at the intersections with the new roadway. Additionally, the multi-use path on the west side of Brownlee Road will need to be accommodated within the project and will require signage and perhaps control, at the new intersection.
- The existing Two Way Left Turn Lane (TWLTL) on Bellevue Road ends about 275' south of the intersection of Winfield Road, where this new alignment will connect. Widening Bellevue on the west side would eliminate the relocation of Over Head Electrical (OHE) that exists on the east side.
- The levee adjacent to Red Chute Bayou will require a permit from the levee district for the crossing.
- The new intersection with Airline Drive is adjacent to where the existing roadway changes from subsurface drainage to open ditch. This will affect the design improvements for Airline Drive.

Bridge Approach

Gresham Smith's bridge design team is highly experienced in designing projects with multiple bridges within the same project. The skills required include coordinating of multiple design teams with concurrent design, incorporating repetitive details to minimize both design and construction costs, and a solid QC/QA plan. For the Mississippi Department of Transportation (MDOT), Gresham Smith designed a reconstruction project on SR 178 in Simpson County that included two new bridge structures and replaced a third existing bridge with a twin cell box culvert. In 2019, Gresham Smith designed a 5-span and a 10-span bridge to replace deteriorating timber bridges. During the design process, MDOT added two additional bridges to Gresham Smith's task – bridges that were originally to be designed in-house by MDOT. The Simpson County project is currently under construction.

Gresham Smith also designed two off-line projects for MDOT in Marshall County. In 2017, Gresham Smith designed five bridges on SR 309 and in 2022, we completed the designs for four bridges and a box culvert on SR 178. Both of these Marshall County projects utilized two bridge design teams.

In 2021, Gresham Smith's bridge team designed emergency bridge repairs, including a crash wall supported by helical piles on Spring Street (US71) in downtown Shreveport. Our Baton Rouge staff is experienced with DOTD design manuals as well as geotechnical issues in NW Louisiana.

For this Bossier Parish project, Gresham Smith is proposing utilizing two bridge design teams. John Weres, P.E. will serve as the overall bridge lead and oversee Bridge Team 1 (Gresham Smith). Jeffrey McRae, P.E. will lead Bridge Team 2 (MBI). Combined, John and Jeffrey have over 70 years of bridge design experience. The MBI team will design the culverts and two western bridge structures while Gresham Smith team will design the three eastern bridges. The designs will be based on the currently scoped two-lane urban cross-section. However, the hydraulic evaluation, alignment, and bent locations will consider the future expansion of the corridor so that the newly constructed structures can easily be modified for a future, wider corridor, considering skew alignment and streambank issues. Both bridge teams will follow the same QA/QC process.

Project Team

Gresham Smith has established a core management team specific for this project that will include the major efforts for topographic and boundary surveying, roadway design and bridge design. Each of our Task Leaders has proven expertise, relevant experience, and required communication and leadership skills to effectively build a blended and unified team.

Gresham Smith will manage all facets of the project and will be supported by our subconsultants Michael Baker International (MBI), Raley and

Associates, Inc. and APS Engineering and Testing (APS). The project will be managed by **Brennon Hughes, P.E.** and Gresham Smith will lead the Roadway, Bridge, and Traffic related design tasks. MBI, is very familiar with the project having completed the FONSI for the NLCOG MPO previously, which adds value to our team. MBI will support the Roadway and Bridge design efforts by providing a design team for those tasks, led by **Daniel Thornhill, P.E.** and **Jeffrey McRae, P.E.** respectively. MBI will also lead any necessary environmental and hydraulics work that will be necessary for the project. Raley and Associates is an engineering and surveying firm located in Bossier City. They have performed topographic and boundary surveys and site designs for several large residential and commercial developments that border the selected alignment for this project, as shown in the graphic below. The experience from performing topographic surveys, the subdivision of properties and boundary work and the site development and knowledge of the existing drainage for the areas that Raley and Associates have, adds value to our team. APS completes our team by providing geotechnical expertise. Gresham Smith has worked will all of these subconsultants in the past and we are all very familiar with each other's business practices.

Gresham Smith's Project Executive (Principal), **Herbert "Bert" Moore II, P.E., PLS, PTOE** has over 24 years of experience in traffic engineering and operations and has served as both a consultant and as LADOTD's District 61 Traffic Operations Engineer (DTOE) for six years. As project executive, Bert will provide overall management and direction for our team, ensuring that LADOTD's and the Entity's visions for the project are achieved.

Our Project Manager, **Brennon Hughes, P.E.,** will coordinate the day-to-day efforts between all the tasks and subconsultants and ensure that the project stays on schedule and that all pertinent information is to our LADOTD PM through regular correspondence. Brennon will also assist with the roadway design as a part of our road design team.

Brennon will be supported by **John Weres, P.E.** who will act as our Assistant Project Manager. Due to the five bridges included within this project, we will have two bridge teams. Gresham Smith will design three of the bridges and MBI will design the other two.

Bert Moore, P.E., PLS, PTOE will lead the traffic engineering design for this project. Bert and his team have performed a number of traffic studies in this area for many of the developments Raley and Associates have designed, which is another added value to our team. Based on existing volumes and our knowledge of the traffic patterns and volumes in the area, it is anticipated that there will be traffic signals, or some other type of control or improvements, required at the intersections of this proposed roadway at LA 3 (Benton Road), LA 3105 (Airline Drive), Swan Lake Road, and Winfield at Bellevue Road.

16. *For all contracts on which your firm is a prime consultant or sub-consultant and where a) the consultant selection was made by the BPPJ and DOTD, and b) a contract was executed by the prime consultant with the BPPJ or DOTD by the date the advertisement for this proposal was posted, list all work meeting the following criteria:*
    - *1) your firm is responsible for the performance of the work;*
    - *2) authorization to perform the work has been provided, as provided in the contract between the prime consultant and the BPPJ or DOTD;*
    - *3) the work has not yet been performed, invoiced, and paid; and*
    - *4) the work is not currently suspended for an indefinite period of time.*

List only the portion of the fees attributable to your firm. Add or remove rows as needed.

All dollar amounts shall be shown in thousands of dollars, rounded to the nearest thousand.

State Project Number	Project name and location	Remaining unpaid balance ($1,000's)
H.013256.6	I-10 Scott to Lake Charles ITS CEI	2,197
H.014088.6	US 61 Intersection Improvements @ LA 427 (MBI)	173,764
H.015959.1	Discretionary Grant Administration	1,406,760
H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	2,411
H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping	1,382
H.010074.1	Stage 0 Lafourche Bayou Bridge (HBI)	37,597
H.016080.5	LRSP/STRPPP TO #6 US 190	4,000
H.016089	LRSP/STRPPP TO #7 Orice, Sandra & Darby	11,500
H.016078.5	LRSP/STRPPP TO #8 Highland / Dalrymp	6,500
H.016083.5	LRSP/STRPPP TO #9 W. Worthey	4,000
H.015202.5	LRSP/STRPPP TO #10 Donaldsville	138,572
H.012859.5	Roundabout at Valhi Blvd	245,640
H.016012	Transportation Alternative Program TO #1	1,763
H.014640	LRSP/STRPPP TO #1 St. Mary Parish	1,374
H.015203.5	LRSP/STRPPP TO #2 Pinhook	53,344
H.013720.5	LRSP/STRPPP TO #5 Bonner Construction	12,849
H.016007.5	LRSP/STRPPP TO #6 Date St	5,200
H.016189.5	LRSP/STRPPP TO #7 LA 31	6,500

H.016191.5	LRSP/STRPPP TO #8 W Sale @ Lake	6,500
H.016193.5	LRSP/STRPPP TO #9 W. Hutchinson	5,200
H.016205.5	LRSP/STRPPP TO #10 LA-383 Sidewalks	6,500
H.016188.5	LRSP/STRPPP TO #11 N Lyman	4,000
H.015580.5	Natchitoches Safe Streets	95,776
H.015201	LRSP/STRPPP Richwood Traffic Study	52,616
H.015086.5	LRSP/STRPPP LA 14	626
H.013388.5	Lafourche Flashing Yellow Arrow Traffic Signal Upgrade	215,906
H.016007.1	Traffic Signal Comm SEA	90,581
H.016039.5	LA 47: LA46 - Virtue St	210,698
N/A	LA 24: Downtown Houma Study	114,251
H.014629.5	LRSP/STRPPP TO #1 Lafourche Design	42,802
H.013718.5	LRSP/STRPPP TO #3 LA 23 Gretna	167,856
H.013713.5	LRSP/STRPPP TO #4 LA 60 Bogalusa	82,307
H.015198.5	LRSP/STRPPP TO #5 S. Carrollton)	18,661
	Total	3,229,633

17. Past Performance Evaluation Discipline Table:

Discipline(s)	% of Overall Contract	Gresham Smith (Prime)	Michael Baker International (Sub)	Raley and Associates, Inc. (Sub)	APS Engineering (Sub) (DBE)	Each Discipline must total to 100%
Bridge	25%	65%	35%	0%	0%	100%
Environmental	5%	0%	100%	0%	0%	100%
Geotech	5%	0%	0%	0%	100%	100%
Right-of-Way	5%	0%	0%	100%	0%	100%
Roadway	45%	70%	30%	0%	0%	100%
Survey	10%	0%	0%	100%	0%	100%
Traffic	5%	100%	0%	0%	0%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	**100%**	**53%**	**27%**	**15%**	**5%**	**100%**

APS Engineering and Testing, LLC

BPPJ Standard Submittal Form

(May 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Firm should fill in the BPPJ Standard Submittal Form provided without altering the text provided in the form. Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	**ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD**
2. Contract number(s) if shown in the advertisement	
3. State Project Number(s), if shown in the advertisement	H.003855
4. Firm name (as registered with the Louisiana Secretary of State where such registration is required by law)	A P S Engineering and Testing, LLC
5. Firm license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS or American Institute of Certified Planners (AICP or other professional regulatory board, as applicable) if registration is required under Louisiana law)	5198
6. Mailing address	5261 Highland Rd #320, BR, LA 70808
7. Name, title, phone number, and email address of firm's Contract Point of Contact	Sergio Aviles, P.E./ President/225.456.5714sergio@aps-testing.com
8. Name, title, phone number, and email address of the official with signing authority for this proposal	Sergio Aviles, P.E./ President/225.456.5714sergio@aps-testing.com
9. This is to certify that all information contained herein is accurate and true, and that I presently have sufficient staff to perform these services within the designated time frame. **In accordance with LA R.S. 39:1602.1**, 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,	Signature (shall be the same person as #8):  Date:6/20/25

proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	

I0. 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.	A P S Engineering and Testing, LLC

11. *Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to each task of the contract, specific duties for each, and reporting lines for the purposes of this contract. (Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used.)* **SEE PRIME**
A P S Engineering and Testing, LLC has not conflicting information, the information given in the prime consultant's BPPJ Standard Submittal

12. Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. The consultant should fill in the "Requirement" column with the MPRs given in the advertisement. Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime consultant and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used. Add or remove rows as needed.

Requirement (as stated in advertisement)	Personnel being used to meet the requirement	Firm employed by	Type of license / certification required	License/ certification expiration date
Sergio Aviles, P.E.	Geotechnical	A P S	CE/33571	3/31/2026

13. Short resumes shall be provided for all of the personnel from your firm listed in Section 13 of the prime consultant's proposal. Add or remove rows as needed.

Firm employed by A P S Engineering and Testing, LLC					
Name	Sergio Aviles, P.E., M.ASCE			Years of relevant experience with this employer	12
Title	President			Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			BS Civil Engineering/ 2001/ Geotechnical		
Active registration number / state / expiration date			0033571/ LA / 03-31-2026		
Year registered	2007	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager/Designer/Field Crew and Lab Management		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/20–Present	**Rural Bridge Replacement Initiative:** The scope includes **geotechnical investigation and design** for the **replacement of 60 structures** on the LA state highway system. Geotechnical investigation consists of **drilling, laboratory testing, soil classification and site characterization**. Engineering analysis includes **slope stability** analysis (when applicable) and **pile capacity** analysis for foundations to support new bridge structures. Mr. Aviles is the Supervisor-Engineer to the Geotechnical Investigations.
09/19–10/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included **drilling and sampling** a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S **tested for strength and engineering characteristics of the soils** with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Aviles is the Project Manager to the Design Team.
11/22–05/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S 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 **foundation recommendations**. The scope also includes conducting **testing on the subsurface, base and concrete placement at the site** to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Aviles was the Project Manager for the Project Design Team.
01/22–05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the **Geotechnical Design** for the project. The scope also included conducting **testing on the subsurface, base and concrete** placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Aviles was the Project Manager for the Project Design team.
09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)-** The scope included **geotechnical investigation** to enable an **evaluation of an acceptable foundation** for the proposed **pavement rehabilitation and new bridge**. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Manager to Design Team.
11/19–12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85-** A P S 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 recommendations. Mr. Aviles was the Manager to Geotechnical Design Team.
12/21–09/22	**Ward Creek at Seigan Ln-** The scope services for this project included **subsurface investigation** to enable an **evaluation of an acceptable foundation** for the proposed Ward Creek Channel Improvements. A P S **drilled two (2) deep borings** and **tested recovered soils for strength and**

	engineering characteristics. **Geotechnical reporting** included **slope stability analysis** of the proposed channel, as well as **general construction and erosion recommendations**. Mr. Aviles was the Manager to the Geotechnical Team.
03/21–11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** The scope of services for this project included **subsurface exploration** of conditions at the site to enable an **evaluation of an acceptable foundation for the proposed pavement and the new bridge**. A P S **drilled (2) soil borings to 110 feet deep** each at Elbow Bayou Crossing, three **(3) soil borings to 80 feet deep each at highest fill placement locations**, one **(1) soil boring to 20 feet deep at traffic light intersection** and **32 soil borings to six (6) feet deep each for pavement at 700 feet intervals** at selected boring locations. A P S **tested recovered soils for strength and engineering characteristics**. The **geotechnical report** contained **pavement and deep foundation recommendations**, **fill area settlement recommendations**, and general **construction recommendations**. Mr. Aviles was the Manager to the Geotechnical Team.
01/21–04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Avenue)-** The purpose of the project was **widening of Bluebonnet Boulevard** at selected locations, **addition of pedestrian walkways**, **replacement of existing bridge** over Dawson Creek and **addition of green infrastructure**. The scope of services included **subsurface exploration of conditions at the site** to enable an **evaluation for the proposed pavement**. A P S **drilled nine (9) pavement borings to six (6) feet deep** from the top of existing subgrade material, **two (2) soil borings to a depth of 10 feet** each for the green infrastructure, and **two borings to a depth of 100 feet** each for the bridge. The scope of services also included **conducting laboratory tests** on selected samples recovered from the soil borings. The **geotechnical report** contained **rigid pavement recommendations**, **deep foundation recommendations, gree**n **infrastructure recommendations**, as well as **site preparation and general construction recommendations**. Mr. Aviles was the Manager to the Geotechnical Team.
03/15-04/15	**Holly Drive Bridge Replacement- St. Tammany Parish:** The scope included **geotechnical investigation** for the **replacement of a bridge structure in Covington, Louisiana**. A P S performed **piles LRFD vertical resistance analyses** for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, **roadway design, and culvert design**. Mr. Aviles was the Principal Engineer for the Geotechnical Investigation.

Firm employed by A P S Engineering and Testing, LLC				
Name	Sairam Eddanapudi, P.E., M.E.		Years of relevant experience with this employer	12
Title	Chief Engineer		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			ME/2002/Civil Engineering BE/1999/Civil Engineering	
Active registration number / state / expiration date			0035129/ LA / 03-31-2026	
Year registered	2009	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Design Engineer/Laboratory QA Manager	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/20–Present	**Rural Bridge Replacement Initiative:** The scope includes **geotechnical investigation and design** for the **replacement of 60 structures** on the LA state highway system. Geotechnical investigation consists of **drilling, laboratory testing, soil classification and site characterization**. Engineering analysis includes **slope stability** analysis (when applicable) and **pile capacity** analysis for foundations to support new bridge structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
09/19–10/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included **drilling and sampling** a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S **tested for strength and engineering characteristics of the soils** with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Sai is the Chief Engineer for the Project Design Team.
11/22–05/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S 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 **foundation recommendations**. The scope also includes conducting **testing on the subsurface, base and concrete placement at the site** to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Sai is the Chief Engineer for the Project Design Team.
01/22–05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the **Geotechnical Design** for the project. The scope also included conducting **testing on the subsurface, base and concrete** placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Sai was the Chief Engineer for the Project Design Team.
09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)-** The scope included **geotechnical investigation** to enable an **evaluation of an acceptable foundation** for the proposed **pavement rehabilitation and new bridge**. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Sai was the Chief Engineer for the Project Design Team.
11/19–12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85-** A P S 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 recommendations. Mr. Sai was the Chief Engineer for the Project Design Team.
12/21–09/22	**Ward Creek at Seigan Ln-** The scope services for this project included **subsurface investigation** to enable an **evaluation of an acceptable foundation** for the proposed Ward Creek Channel Improvements. A P S **drilled two (2) deep borings** and **tested recovered soils for strength and engineering characteristics**. **Geotechnical reporting** included **slope stability analysis** of the proposed channel, as well as **general construction and erosion recommendations**. Mr. Sai was the Chief Engineer to the Geotechnical Team.
03/21–11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** The scope of services for this project included **subsurface exploration** of conditions

	at the site to enable an **evaluation of an acceptable foundation for the proposed pavement and the new bridge**. A P S **drilled (2) soil borings to 110 feet deep** each at Elbow Bayou Crossing, three **(3) soil borings to 80 feet deep each at highest fill placement locations**, one **(1) soil boring to 20 feet deep at traffic light intersection** and **32 soil borings to six (6) feet deep each for pavement at 700 feet intervals** at selected boring locations. A P S **tested recovered soils for strength and engineering characteristics**. The **geotechnical report** contained **pavement and deep foundation recommendations**, **fill area settlement recommendations**, and general **construction recommendations**. Mr. Sai was the Chief Engineer to the Geotechnical Team.
01/21–04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Avenue)-** The purpose of the project was **widening of Bluebonnet Boulevard** at selected locations, **addition of pedestrian walkways**, **replacement of existing bridge** over Dawson Creek and **addition of green infrastructure**. The scope of services included **subsurface exploration of conditions at the site** to enable an **evaluation for the proposed pavement**. A P S **drilled nine (9) pavement borings to six (6) feet deep** from the top of existing subgrade material, **two (2) soil borings to a depth of 10 feet** each for the green infrastructure, and **two borings to a depth of 100 feet** each for the bridge. The scope of services also included **conducting laboratory tests** on selected samples recovered from the soil borings. The **geotechnical report** contained **rigid pavement recommendations**, **deep foundation recommendations, gree**n **infrastructure recommendations**, as well as **site preparation and general construction recommendations**. Mr. Sai was the Chief Engineer to the Geotechnical Team.
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Firm employed by A P S Engineering and Testing, LLC					
Name	Surendra Pathak, P.E., M.S.		Years of relevant experience with this employer		11
Title	Geotechnical Engineer		Years of relevant experience with other employer(s)		10
Degree(s) / Years / Specialization			MSCE/ 2013/ Civil Engineering BE/ 2007/ Civil Engineering		
Active registration number / state / expiration date			0043487/ LA/ 09-03-2025		
Year registered	2019	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Design Engineer/QA-QC Field Testing/Laboratory QA		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/20–Present	**Rural Bridge Replacement Initiative:** The scope includes **geotechnical investigation and design** for the **replacement of 60 structures** on the LA state highway system. Geotechnical investigation consists of **drilling, laboratory testing, soil classification and site characterization**. Engineering analysis includes **slope stability** analysis (when applicable) and **pile capacity** analysis for foundations to support new bridge structures. Mr. Pathak is the Project Manager to the Geotechnical Investigations.
09/19–10/24	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope included **drilling and sampling** a total of 52 deep borings starting at the Washington Exit and ending at the LSU Lakes. A P S drilled a total of eight (8) over the water borings and 44 land borings. Along with this drilling and sampling, A P S **tested for strength and engineering characteristics of the soils** with approximately 1000 Triaxial Compressions, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. A P S is currently providing **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Pathak is the Senior Engineer for the Project Design Team.
11/22–05/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S 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 **foundation recommendations**. The scope also includes conducting **testing on the subsurface, base and concrete placement at the site** to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided **PDA instrumentation, testing, and CAPWAP analysis**. Mr. Pathak is the Senior Engineer for the Project Design Team.
01/22–05/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the **Geotechnical Design** for the project. The scope also included conducting **testing on the subsurface, base and concrete** placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Pathak was the Senior Engineer for the Project Design Team.
09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)-** The scope included **geotechnical investigation** to enable an **evaluation of an acceptable foundation** for the proposed **pavement rehabilitation and new bridge**. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was the Senior Engineer for the Project Design Team.
11/19–12/23	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85-** A P S 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 recommendations. Mr. Pathak was the Senior Engineer for the Project Design Team.
12/21–09/22	**Ward Creek at Seigan Ln-** The scope services for this project included **subsurface investigation** to enable an **evaluation of an acceptable**

	foundation for the proposed Ward Creek Channel Improvements. A P S **drilled two (2) deep borings** and **tested recovered soils for strength and engineering characteristics**. **Geotechnical reporting** included **slope stability analysis** of the proposed channel, as well as **general construction and erosion recommendations**. Mr. Pathak was an Engineer to the Geotechnical Team.
03/21–11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.)-** The scope of services for this project included **subsurface exploration** of conditions at the site to enable an **evaluation of an acceptable foundation for the proposed pavement and the new bridge**. A P S **drilled (2) soil borings to 110 feet deep** each at Elbow Bayou Crossing, three **(3) soil borings to 80 feet deep each at highest fill placement locations**, one **(1) soil boring to 20 feet deep at traffic light intersection** and **32 soil borings to six (6) feet deep each for pavement at 700 feet intervals** at selected boring locations. A P S **tested recovered soils for strength and engineering characteristics**. The **geotechnical report** contained **pavement and deep foundation recommendations**, **fill area settlement recommendations**, and general **construction recommendations**. Mr. Pathak was an Engineer to the Geotechnical Team.
01/21–04/22	**Bluebonnet Boulevard (Perkins Road-Picardy Avenue)-** The purpose of the project was **widening of Bluebonnet Boulevard** at selected locations, **addition of pedestrian walkways**, **replacement of existing bridge** over Dawson Creek and **addition of green infrastructure**. The scope of services included **subsurface exploration of conditions at the site** to enable an **evaluation for the proposed pavement**. A P S **drilled nine (9) pavement borings to six (6) feet deep** from the top of existing subgrade material, **two (2) soil borings to a depth of 10 feet** each for the green infrastructure, and **two borings to a depth of 100 feet** each for the bridge. The scope of services also included **conducting laboratory tests** on selected samples recovered from the soil borings. The **geotechnical report** contained **rigid pavement recommendations**, **deep foundation recommendations, gree**n **infrastructure recommendations**, as well as **site preparation and general construction recommendations**. Mr. Pathak was an Engineer to the Geotechnical Team.

*14. List firm's project experience **most relevant** to the scope in the advertisement. The firm should list **no more than 10 projects** and should include **no more than one page per project.** If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects*

APS Engineering and Testing, LLC

Firm name	A P S Engineering and Testing, LLC		Firm responsibility (prime or sub?) Sub		
Project name	I-10 Widening LA 415 to Essen LN			Owner's name	DOTD
Project number	H.004100				
Project location	Baton Rouge, LA		Owner's Project Manager	Kristy Smith, P.E.	
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA 70802-4438/ 225-379-1016/ kristy.smith2@ls.gov				
Services commenced by this firm (mm/yy)		09/19	Total consultant contract cost ($1,000's)		N/A
Services completed by this firm (mm/yy)		09/24	Cost of consultant services provided by this firm ($1,000's)		$400K

SCOPE- Geotechnical investigation to provide the client with necessary information for the planning and design of I-10 widening. A P S drilled and sampled a total of 52 deep borings beginning at the Washington Exit and ending at the LSU lakes. Along with drilling and sampling, A P S tested for strength and engineering characteristics of the soils. The testing program included visual classification, determination of water (moisture) content, ash content, organic material of peat and other organic soils, amount of materials finer that 75-µm (No. 200) sieve in soils by washing, and approximately 1,000 triaxial compression, unconsolidated drained or undrained (UU) and Atterberg limits performed.

KEY PERSONNEL:
Sergio Aviles, P.E. - Project Manager
Sai Eddanapudi, M.E., P.E. - Project Engineer
Surendra Raj Pathak, M.S., P.E. - Staff Engineer

SIMILARITIES TO PROFESSION ALGEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)

APS Engineering and Testing, LLC

Firm name	A P S Engineering and Testing, LLC		Firm responsibility (prime or sub?) Sub		
Project name	Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge				
Project number	H.001352; H.002273	Owner's name	Huval & Associates, Inc.		
Project location	East Baton Rouge, LA			Owner's Project Manager	Thomas M. Gattles III, P.E.
Owner's address, phone, email	922 West Don't des Mouton Rd,. Lafayette, LA 70507 / 337-264-3798/ tgattle@huvalassoc.com				
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost ($1,000's)	N/A		
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm ($1,000's)	150K		

SCOPE- Geotechnical investigation to provide the client with necessary information for planning and building of LA-19 bridge (slope-stability/embankment), LA-19 RR bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges (PPC piles), LA-67 bridge (drill shafts). A P S drilled and sampled a total of 19 borings ranging from 50ft - 100ft in depth. Testing of soils was performed in-house by A P S laboratory. The testing schedule included visual classification, standard methods for determining water (moisture) content, liquid limit, plastic limit and plasticity, unconsolidated-undrained triaxial compressions, and one-dimensional consolidations.

As the project moved into the construction phase, A P S provided geotechnical and structural construction services including PDA instrumentation, testing, and CAPWAP analysis.

KEY PERSONNEL:

ENGINEERING

Sergio Aviles, P.E.- Project Manager
Sai Eddanapudi, M.E., P.E.- Project Engineer
Surendra Raj Pathak, M.S., P.E.- Staff Engineer

LABORATORY TESTING
Sergio Aviles, P.E.-QA/QC
Sai Eddanapudi, M.E., P.E.-QA/QC

SIMILARITIES TO PROFESSION ALGEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
X	Geotechnical Design (GD)
X	Geotechnical Construction (GC)
X	CMAR
X	Constructability
X	Contract Management (CM)

APS Engineering and Testi

15. Provide any additional information or description of resources supporting your firm's qualifications for the proposed contract including information that your firm has adequate staffing to complete the contract and a description of how your firm intends to meet any specialized requirements as may be provided in the advertisement for the contract. This section should be limited to four pages. If more than four pages are included, all pages after the fourth page may be discarded prior to providing the proposals to the Project Evaluation Team for grading.

A P S Engineering and Testing, LLC Engineers bring a wealth of experience to this job. Our three (3) LA Licensed engineers combined bring over 30 years of engineering experience and construction management. Mr. Sergio Aviles, P.E., the proposed project manager for this contract has gained experience similar to the scope of this project through numerous bridge and roadways projects covering Louisiana. He also worked for the LADOTD for five (5) years in the Pavement & Geotechnical Section.

PERFORMANCE HISTORY

A P S Engineering and Testing, LLC have a combined over 40 years on the industry, the proposed type work, and has overseen hundredths of projects for Public Work entities. Projects ranging from $5k to $800K A P S has the staff to complete small to large jobs on time and on budget.

FIRM OFFICE LOCATION

A P S Engineering and Testing, LLC will perform all the work associated with this contract out of our Baton Rouge office.

A P S PERSONNEL

The following employees from A P S are Registered Professional Civil Engineers in Louisiana with at least 10 years of geotechnical engineering and construction experience each:

Sergio Aviles, P.E. – LA License #: PE.0033571; Years of Experience: 22
Sairam (Sai) Eddanapudi, M.E., P.E.– LA License #: PE.0035129; Years of Experience: 20

Sergio Aviles, P.E., Project Manager for this project, has over twenty two years experience in geotechnical and civil engineering. Mr. Aviles received project experience throughout Louisiana with the Pavement & Geotechnical Section of Louisiana Department of Transportation and Development (LADOTD). Mr. Aviles' duties for LADOTD included pile foundation design and construction inspection of piles, slope stability design, embankment settlement calculations, design and construction inspection of drilled shafts, MSE wall design, sheet pile design, and testing services that included, PDA, WEAP, and CAPWAP analysis of piles. Prior to signing on with the Pavement & Geotechnical Section of LADOTD, Mr. Aviles participated in the LADOTD Rotational Engineer Intern program developed by the Louisiana Transportation Research Center (LTRC). During the program, Mr. Aviles learned most of the duties and responsibilities of LADOTD main design and construction sections (Bridge Design, Road Design, Hydraulic Design, Head Quarter construction, and district construction).

Mr. Aviles was also an Adjunct Faculty Professor at Louisiana State University and Southern University where he teaches Soil Mechanics and Construction Material Testing to under graduate students (2012-2014).

Sairam (SAI) Eddanapudi, M.E., P.E – LA License #: PE.0035129

Sairam (SAI) Eddanapudi, M.E., P.E, Geotechnical Project Engineer. His geotechnical experience includes field engineering, soils and concrete and also, quality control inspection of shallow and deep foundations. He acted as a field supervisor and coordinator of geotechnical drilling and sampling operations. Sairam's laboratory experience includes performing laboratory tests to determine engineering and physical characteristics of soils and aggregate. He has also has experience in geotechnical analysis of shallow foundations, precast and pre-stressed concrete piles, auger cast piles, drilled shaft foundations, embankment stability and settlement, and retaining walls.

Corresponding Staff

Professional Staff: **AP S** has a professional staff consisting of three (3) Professional Engineers and six (6) engineer interns. The entire professional staff of **A P S** has extensive experience in performing subsurface investigations, geotechnical engineering, environmental site assessment, and construction materials testing services.

Subprofessional Expertise: **A P S** presently employs approximately a staff of 35 **Drillers, inspectors, and technicians with field, laboratory testing, and construction material experience**. These technicians are experienced in virtually every aspect of subsurface investigations,

construction testing, and environmental services. Our technicians are OSHA Safety Certified and our personnel conform to strict corporate alcohol, drug and safety policies.

WORK ZONE TRAINING REQUIREMENTS

A P S recognizes DOTD's on-going commitment to Work Zone Safety. As evidenced in our submittal, the following staff have the appropriate Work Zone Safety Certifications:

- **Manager:** Sergio Aviles – **Certified Traffic Control Technician and Flagger**
- **Project Engineer**: Sairam Eddanapudi – **Traffic Control Technician**
- **Field Engineer:** Surendra Pathak – **Traffic Control Supervisor and Flagger**
- **Senior Technician:** Paul Fulcher – **Traffic Control Technician and Flagger**

A P S Laboratory

A P S Baton Rouge office has a fully equipped geotechnical laboratory with an integrated data acquisition and management system that reduces data entry errors and speeds data collection and reporting. The lab is staffed full-time by a lab manager, four laboratory technicians.
Mr. Eddanapudi provides engineering management and direction for the lab testing procedures. Our in-house laboratory has been completing geotechnical tests expected under LADOTD standards, and we very familiar with LADOTD specifications and requirements.

A P S Engineering and Testing, LLC is a geotechnical engineering, environmental, construction engineering, construction materials testing and inspection company that provides a broad range of related services which include but are not limited to:

- Geotechnical Engineering Analyses-Geotechnical investigations and reports, foundation design, pavement design, slope stability analyses, settlement and down drag analyses, marsh creation, dredging, cofferdam and excavation design, bulkheads, docks, wharfs, borrow pits, WEAP, and CAPWAP;
- Laboratory Testing- Strength testing UC, CU, CD, UU, consolidation, and classification testing for soils and aggregates.
- A P S is an AASHTO and USACE certified lab.

16. For all contracts on which your firm is a prime consultant or sub-consultant and where a) the consultant selection was made by the BPPJ and DOTD, and b) a contract was executed by the prime consultant with the BPPJ or DOTD by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) your firm is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the prime consultant and the BPPJ or DOTD;
3) the work has not yet been performed, invoiced, and paid; and
4) the work is not currently suspended for an indefinite period of time.

List only the portion of the fees attributable to your firm. Add or remove rows as needed.

All dollar amounts shall be shown in thousands of dollars, rounded to the nearest thousand.

State Project Number	Project name and location	Remaining unpaid balance ($1,000's)
H.01254.6	Wiggins Bayou Bridge	$52,609
H.014247	LA 399 Bridges Near Fullerton	$24,307
H.014245	LA 119; Bayou Pierre & Creek Bridges	$23,654
H.014982	Marathon Rd over Dry Creek	$46,490
H.012068	LA 1026 Creek Bridge	$23,519
H.014978	Bellard Loop over Untamed Drainage Ditch	$41,723
H.016323	LA 37 Glass Branch Bridge	$22,005
H.016326	LA 36 Drain Bridge Pearl	$22,615
H.016322	LA 81: W-11 Lateral & Bayou Black Bridges	$39,335
H.016312	LA 3116 Creek Bridges	$59,216
H. 016321	LA 970 Creek Bridge	$21,058
H.016311	LA 1123 Box Culvert Creek Bridge	$59,399
H.016324	LA 1047: Drain Bridge	$22,608
	Total	458,538

Michael Baker International, Inc.

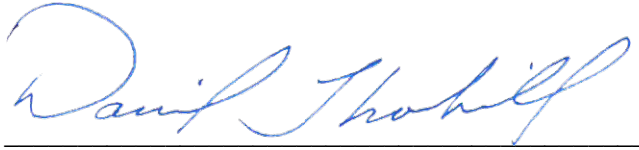
BPPJ Standard Submittal Form

(May 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Firm should fill in the BPPJ Standard Submittal Form provided without altering the text provided in the form. Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract Name as shown in the advertisement	`ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD
2. Contract number(s) as shown in the advertisement	2025-118
3. State Project Number(s), if shown in the advertisement	H.003855
4. Firm name (as registered with the Louisiana Secretary of State where such registration is required by law)	**MICHAEL BAKER INTERNATIONAL, INC.** Michael Baker INTERNATIONAL
5. Firm license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS or American Institute of Certified Planners (AICP or other professional regulatory board, as applicable) if registration is required under Louisiana law)	**E.F. 0000062** **V.F. 0000010**
6. Mailing address	**2600 CitiPlace Drive, Suite 450** **Baton Rouge, Louisiana 70808**
7. Name, title, phone number, and email address of firm's Contract Point of Contact	**Daniel Thornhill, PE** **Office Manager - Associate Vice President** **225-218-2846 | Daniel.Thornhill@mbakerintl.com**
8. Name, title, phone number, and email address of the official with signing authority for this proposal	**Daniel Thornhill, PE** **Office Manager - Associate Vice President** **225-218-2846 | Daniel.Thornhill@mbakerintl.com**

9. This is to certify that all information contained herein is accurate and true, and that I presently have sufficient staff to perform these services within the designated time frame. **In accordance with LA R.S. 39:1602.1**, this is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	**Signature (shall be the same person as Section 9):**  **Date: 06/25/2025**
10. 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.	**See prime's BPPJ Standard Submittal Form**

11. Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to each task of the project, specific duties for each, and reporting lines for the purposes of this contract. (Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used.)

See prime's BPPJ Standard Submittal Form

12. Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. The consultant should fill in the "Requirement" column with the MPRs given in the advertisement. Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime consultant and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used. Add or remove rows as needed.

Requirement (as stated in advertisement)	Personnel being used to meet the requirement	Firm employed by	Type of license / certification required	License/ certification expiration date

See prime's BPPJ Standard Submittal Form

Name	**Daniel Thornhill, PE**	Years of experience with this firm/employer	**5**
Title	Office Executive	Years of experience with other firm(s)/employer(s)	**23**
Degree(s) / Years / Specialization		B.S. / 1997 / Civil Engineering	
Active registration number / state / expiration date		PE.0032367 / LA / 09-30-2026 Traffic Control Technician-LA State Specific / April 2026 Traffic Control Supervisor -LA State Specific / April 2026	
Year registered	2006	Discipline	Civil
Contract role(s) / brief description of responsibilities		**Daniel will serve as Michael Baker Project Manager for all efforts for roadway/hydraulics/bridge design.**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/21 - Ongoing	**US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana.** Principal/Project Manager**.** Responsible for the design and development of construction plans for the replacement of 3 bridges at two locations along US 371. First location is the replacement of a 3 span bridge over KCS Railroad in Sibley, LA. Project entails the development of new bridge alignment following DOTD and KCS Railroad requirements along with modifications of the existing road to accommodate the new bridge vertical alignment. Additional site requirements include developing a detour road/bridge alignment to construct the new bridge under traffic along with reconstruction of LA 164/US 371 intersection. Second location is the replacement of parallel bridges along US 371 at the Minden/I-20 interchange. Bridges will be replaced in phase construction to maintain traffic. Two new 3-span bridges will be construction over KCS railroad meeting all the required DOTD and KCS design requirements as required at the Sibley bridge site.
08/22 – 05/23	**Barksdale AFB Entrance Roads, Bossier Parish, Louisiana.** Project Manager. Responsible for the development of construction plans for new entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie into the new LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination with the DOTD I-20/I-220 Project Manager and Design Build Owner Verification Managers along with overseeing new roadway drainage that meets DOTD Hydraulic requirements. Construction should begin in Summer of 2023.
10/22 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Louisiana. DOTD**. Principal. Responsible for the oversight of 12 Off-System Bridge replacements and recommendation of final bridge structures for five parishes in District 07. Additional responsibilities include the oversight of sub-consultants identified to be included in the program. This project program requires Michael Baker to deliver 12 bridge replacements within the $30.3 million dollars with allocated for District 07. This service includes topo surveys, row mapping, development of construction plans, environmental clearance, utility relocation agreements, and determine row acquisition. DOTD issued NTP for additional services in May 2023.
04/22 - Ongoing	**LA 30: EBR PL – I-10, East Baton Rouge, Iberville, and Ascension Parishes, Louisiana.** Principal/Project Manager. Responsible for the oversight of the Environmental Assessment (EA) of the widening of LA 30 from a 2-lane roadway to 4-lane roadway. Project is currently in Part 1 of the EA which main focus on traffic count/study/analysis along with some early environmental field screening, initial geometric improvements at existing 5 intersections, SUE services, and development of existing hydraulic flows for existing 6 bridge/culvert structures. Additional responsibilities include oversight of existing alignments along with existing right-of-way lines.
08/16 – 06/17	**East Baton Rouge Department of Transportation and Drainage, W. Parker Blvd Intersection Improvement, East Baton Rouge Parish, Louisiana. East Baton Rouge Parish |** Project Manager**.** Responsible for the addition of a left turn from W. Parker Blvd onto Burbank Dr. Project included the removal and replacement of existing sidewalks to adhere to ADA standard. Project tied to DOTD maintained LA 42 (Burbank Dr). Project included the addition of catch basins to capture the flow for the new turn lane, replacement of existing clay sub-surface drainage with reinforced concrete pipe, along with grading behind the curb to drain the neighboring properties.

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

Name	**Brandon Pitre, PE, PTOE, RSP1**		Years of experience with this firm/employer	**5**
Title	Project Manager – Transportation		Years of experience with other firm(s)/employer(s)	**7**
Degree(s) / Years / Specialization			MS / 2012 / Civil Engineering BS / 2010 / Civil Engineering	
Active registration number / state / expiration date			PE.0040975 / Louisiana / 03-31-2027 ATSSA Traffic Control Supervisor, expires 04-29-2026 ATSSA Traffic Control Flagger, expires 12-20-2027	
Year registered	2016	Discipline	Civil	
Contract role(s) / brief description of responsibilities			**Brandon will serve as roadway design engineer**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/21 - Ongoing	**US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana. DOTD.** Transportation Engineer/Project Manager. Mr. Pitre is the project manager of the project while also serving as the roadway design lead for the project who will oversee the delivery of the Preliminary and Final roadway and bridge design plans. The project consists of the design and replacement of three bridges which cross over a KCS railroad line at two separate locations in Webster Parish (Sibley and Minden). The new bridges will be concrete girder-type and include widening the two existing bridges in Minden to accommodate an additional travel lane for each bridge. To minimize construction cost and to account for the geometric constraints of the LA 164 intersection, the new replacement bridge in Sibley will be built on a new offset alignment. The Minden site involves the replacement of two parallel steel girder bridges along US 371 at the Minden/I-20 interchange. Strict adherence to the KCS railroad design guidelines and adequate coordination with KCS must be maintained during all design phases.
08/22 – 05/23	**Barksdale AFB Entrance Road and Gate Complex, Design-Build, Bossier Parish, Louisiana.** Transportation Engineer. Mr. Pitre is responsible for the roadway design and construction plan development of this project. The project consists of the design and construction of an extension of an existing state-owned highway, LA 1267, along with a new multi-lane roundabout. The new roadway will be a 4-lane divided highway entrance into the Barksdale AFB. Mr. Pitre is responsible for developing the 3D roadway design model for the project and overseeing the delivery of the construction plans. Other responsibilities include project support during construction, such as reviewing contractor shop drawings, submittals to ensure material compliance with DOTD standards, and answering requests for information (RFI's) promptly.
04/22 - Ongoing	**LA 30: EBR P/L – I-10, Iberville and Ascension Parishes, Louisiana. DOTD.** Transportation Engineer/Project Manager. Mr. Pitre is the project manager and the lead roadway design engineer. The project is an environmental assessment (EA) which widens about 14 miles of LA 30 from two lanes to at least four. Mr. Pitre is responsible for generating the line-and-grade diagrams to evaluate the reasonable alternatives based on the traffic analysis and recommended improvements to the major intersections along the project limits.
10/22 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Louisiana. DOTD**. Project Manager. Responsible for the oversight of the development of preliminary and final construction plans for 12 Off-System Bridge replacement locations for the five Parishes in District 07. The replacement structures will be concrete slab span bridges or reinforced concrete box culverts (RCB's) based on the hydraulics analysis and design results, while also factoring in site-specific constraints and the overall construction cost of each replacement option. There is a strict timeline in which the federal funds allocated for this program need to be utilized, which requires all projects to be let for construction by the end of 2026, or some of the funding could be rescinded. As a result, Mr. Pitre is responsible for meeting all project deliverable milestone dates while ensuring the overall program budget of $30.3 million is not exceeded. Additional responsibilities include coordination with sub-consultants for the services of topographic surveys, property surveys, right-of-way (ROW) mapping, geotechnical investigations, and hydraulic support.
08/19 – 12/19	**Alphonse Forbes Road Bridge Replacement, Central, Louisiana. East Baton Rouge Parish, Louisiana |** Transportation Engineer. Brandon assisted on this project by collecting relevant design data, as-built drawings, and similar go-by project drawings and documents. He was responsible for compiling preliminary hydraulics study reports, assembling roadway design standards, performing QC/QA reviews of roadway drawings and other project deliverables, and generating a preliminary construction cost estimate.

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/23 – Ongoing	**LA 30: EBR PL – I-10, Ascension, Iberville, and East Baton Rouge Parishes, Louisiana | DOTD** - Mr. Erikson is currently serving as the Hydraulics QA/QC Reviewer for the NEPA study for the widening of LA 30. Project is currently in the Part 1 phase of the study to determine the required widening requirements of LA 30 from the East Baton Rouge Parish Line to I-10. Project covers nearly 14 miles of improvements along LA 30 through Iberville and Ascension Parish. The study will determine how many additional lanes necessary for LA 30 along this stretch with intersection improvements at Bayou Paul Lane, LA 74, LA 3115, LA 73, and LA 3251. Additional responsibilities for Mr. Erikson include determining if the drainage areas have been delineated properly and that the storm water runoff flows meet DOTD requirements along with reviewing the HEC-RAS models for consistency and conformity to the DOTD Hydraulics Manual.
01/23 – Ongoing	**US 371 KCS RR Overpass HBI, Louisiana | DOTD**. QA/QC Engineer. Responsible for providing guidance, review, and Quality Control for the drainage design of the new improvements of US 371 for the replacement of 3 bridges at 2 different locations: (Sibley, LA and Minden, LA). The bridges are being replaced of KCS railroad at both locations. The Sibley, LA site consists of a new bridge alignment offset from the existing to allow traffic to remain open during construction. The bridges at the Minden site bridges are being replaced in multiple traffic control operations where 1 bridge will remain open while a new bridge is being built. Once new bridge is built, traffic will move over to new bridge while the other bridge is being replaced. Mr. Erikson's QA/QC review will make sure drainage is being done in accordance to DOTD Hydraulic Manual..
01/23 – Ongoing	**Airline Highway (US 61) – North for MOVEBR, East Baton Rouge Parish, Louisiana | City/Parish of Baton Rouge**. Project Manager. Responsible for the review and analysis of major drainage crossings along Airline Highway between I-110 to US 190/US 61. Project is currently in the NEPA Decision making process. Addition responsibilities include reviewing existing models provided by MOVEBR for Jones Creek Crossing and Hurricane Creek crossings. NEPA Hydraulics phase is a low-level look at drainage improvements for the widening of Airline Highway from a 4-lane divided roadway to a 6-lane divided roadway. Once the NEPA process is complete, engineers will be released to develop construction plans. Mr. Erikson will oversee the development of the roadway drainage for the improvements. Project is currently following the DOTD guidelines for NEPA clearance.
01/23 – 12/23	**Louisiana Watershed Initiative (LWI) Region 6 TO 2, Louisiana | DOTD.** Deputy Project Manager. Responsible for providing contract administration and assisting project manager in general project management duties such as resource allocation, scheduling, coordination of team members, and financial analysis. Michael Baker supplemented data collection and analysis, continued stakeholder engagement services, and performed topographic, bathymetric, and channel surveys. This task includes 2 HUC8 Watershed models.
01/23 – 12/23	**Louisiana Watershed Initiative (LWI) Region 6 TO 3 | Louisiana. DOTD.** Deputy Project Manager. Responsible for the contract administration and assisting the project manager with general project management duties such as resource allocation, scheduling, team coordination, and

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

Name	**Alexis Harrouch, EI**	Years of experience with this firm/employer	**2**
Title	Engineer Intern	Years of experience with other firm(s)/employer(s)	**2**
Degree(s) / Years / Specialization		B.S. / 2020 / Civil Engineering	
Active registration number / state / expiration date		EI.0034742 / LA / 09-30-2025 Traffic Control Technician-LA State Specific / August 2026 Traffic Control Supervisor-LA State Specific / August 2026	
Year registered	2021	Discipline	Civil
Contract role(s) / brief description of responsibilities		**Alexis will provide design support for roadway design and plans development.**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
10/22 – Ongoing	**US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana. LADOTD.** Transportation/Roadway Designer. Responsible for the horizontal layout of US 371 for the replacement of the existing bridge at Sibley, LA. Additional responsibilities include the develop of construction plans that meet DOTD and KCS RR requirements. Performed quantity take-offs and developed quantity box sheets for Final Plans.
10/22 – 5/23	**Barksdale AFB Entrance Road and Gate Complex, Design-Build, Bossier Parish, Louisiana.** Transportation/Roadway Designer. Responsible for the quantity takeoff and development of construction plans for contractor on a design-build project for new entrance roads for Barksdale AFB. The project consists of the design and construction of an extension of an existing state-owned highway, LA 1267, along with a new multi-lane roundabout. The new roadway will be a 4-lane divided highway entrance into the Barksdale AFB.
10/22 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Louisiana. DOTD**. Project Manager. Responsible for the development of construction plans for 12 Off-System Bridge replacement locations for the five parishes in District 07. Additional responsibilities include the coordination with sub-consultants for the services of topographic surveys, row mapping, geotechnical investigations, and hydraulic support. This project program requires Michael Baker to deliver 12 bridge replacements within the $30.3 million dollars with allocated for District 07. DOTD issued NTP for additional services in May 2023
10/24 – Ongoing	**Additional Lanes on Three Notch-Kroner Road (CR-32) from McDonald Road (CR-39) to Schillinger Road South (CR-31), Mobile County, Alabama. Alabama DOT.** Roadway Designer. Responsible for the striping and signing layout, traffic control plans, and Erosion Control Plans. Additional responsibilities include the development of construction plans, drainage profiles, drainage sections, and culvert wingwall layouts that meet Alabama DOT requirements in OpenRoads Designer.
10/22 - Ongoing	**LA 30: EBR P/L – I-10, Iberville and Ascension Parishes, Louisiana. LADOTD.** Engineer Intern/Roadway Designer. Responsible for the layout of the existing alignment along with determining the apparent row along the corridor based off as-builts and provided GIS parcel information from both Ascension and Iberville Parishes. Project limits have been extended an additional 5 miles to include the environmental study along the corridor in East Baton Rouge Parish. Additional responsibilities include the delineation of drainage area for several cross structures (bridge/box culverts/culverts) along the corridor along with determining the existing flows for those structures.
10/22 - Ongoing	**Airline Highway (US 61) – North for MOVEBR, East Baton Rouge Parish, Louisiana | City/Parish of Baton Rouge.** Engineer Intern. Responsible for the delineation of drainage areas along with using the DOTD Hydraulics Manual and HYDRWIN software to develop the flows for both Jones Creek and Hurricane Creek that cross along the project limits. Additional responsibilities include checking the required hydraulics for the addition of an additional through lane in each direction and the impacts on existing parallel drainage along the corridor. The project is currently in the NEPA phase and once environmentally clear, required drainage structures will be designed for the future improvements.

01/23 - Ongoing	**Ardenwood-Lobdell Connectory for MOVEBR, East Baton Rouge Parish, Louisiana | City/Parish of Baton Rouge.** Engineer Inter. Responsible for performing independent technical review of roadway plans at each milestone submittal for the new Ardenwood-Lobdell Connector. The new connector is a 2-lane roadway with curb & gutter along with intersection improvements at both Lobdell Ave. and Ardenwood Rd. Project includes accommodations for complete streets with pedestrian sidewalks and bikepaths.
07/23 – Ongoing	**Mickens Road for MOVEBR, East Baton Rouge Parish, Louisiana. City/Parish of Baton Rouge.** Engineer Intern. Responsible for the development of the preliminary surface, drainage, and hydraulics report. The drainage was designed to the latest LADOTD Hydraulics Manual and City/Parish of Baton Rouge standards and criteria. A preliminary surface was created using LIDAR downloaded from LSU Atlas and The National Map Downloader from USGS. The preliminary drainage was developed using LADOTD Hydrowin and Excel.
08/23 – 02/24	**SR 15 Pontotoc Feasibility Study, Pontotoc, Mississippi. Mississippi DOT.** Roadway Designer & Engineer Intern. Michael Baker is providing traffic analysis, safety analysis, and access management evaluation to identify solutions that will determine the needs for widening SR-15 from US 278/MS 6 to SR-41/Main St in Pontotoc, Mississippi to a four-lane boulevard section. The corridor is currently a mix of two-lane, three-lane (with a center turn lane), and five lane (with a center turn lane) sections. The Feasibility study includes desktop and field data collection, traffic analysis, environmental and planning analysis, conceptual traffic engineering, development and high-level design including two build concepts for 26 intersections along the road. It also includes planning level cost estimates, agency coordination, and coordination with the public via a public meeting. Responsible for the layout of the two build concepts which included J-Turns, Bulb Outs, Auxiliary lanes, Green-T intersections, and Roundabouts. Additional responsibilities include developing vehicle turning movement layouts with the use of Transoft AutoTurn and development of preliminary baselines through the use of OpenRoads Designer.
01/24 – 06/24	**SR 25 - Grants Ferry to SR 471, Flowood, Mississippi. Mississippi DOT**. Roadway Designer & Engineer Intern. Michael Baker will develop final Right of Way Plans for the widening of SR-25 from Grants Ferry Road to SR 471 from 4 lanes to 6 lanes, approximately 3 miles. Our team is designing this project to the latest standards and criteria of MDOT and use the latest version of OpenRoads Designer. All unsignalized crossovers will be converted to directional crossovers. Responsible for developing vehicle turning movement layouts with the use of Transoft AutoTurn. Additional responsibilities include creating preliminary baselines, profiles, cross sections, and 3D roadway models through the use of OpenRoads Designer.
07/23 – 09/23	**SR 35 – Additional Lanes from CR-62 to CR-124 through the Town of Section, Jackson County, Alabama. Alabama DOT.** Design Engineer & Engineer Intern. Michael Baker provided engineering services to widen and add lanes to State Route 35 through the town of Section, Alabama. Michael Baker's services included the preparation of Right of Way plans, drainage and stormwater design, floodplain studies, erosion and sediment control plans, traffic control plans, construction cost estimates, and final design. Responsible for the development of final baselines, profiles, drainage profiles, and drainage cross sections through the use of Microstation and InRoads Select Series 2. The drainage profiles and drainage cross sections were designed to the latest ALDOT standards and criteria.
01/21 – 09/22	**I-49 Connector, Lafayette, Louisiana. Lafayette Parish**. Engineer Intern. Responsible for the development of preliminary typical sections, cross sections and roadway models through the use of Microstation and Inroads Select Series 2. Developed vehicle turning move layouts with the use of Transoft AutoTurn along with participating in the development of geometry design for the project. Additional responsibilities included roundabout design in the core area along with the required tapers per LADOTD Standards.

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
05/23 – Ongoing	**IIJA Off System Bridge Replacement, District 07 DOTD.** Hydraulics Engineer/Modeler. Performed hydrological and hydraulic analysis and modeling in HEC-RAS. Hydraulic calculations were also performed in HYDRWIN. The hydraulic analysis consisted of HEC-RAS 1D and 2D models where applicable to identify existing hydraulic performance of each structure and recommending an equivalent structure that meets or improves the hydraulic capacity of the existing structure Mr. Afaq also performed scour analysis and no-rise analysis for proposed structures. Prepared the final Hydraulic reports that were submitted to LA DOTD for approval. This project program requires Michael Baker International to deliver 12 bridge replacements within the 30.3 million dollars allocated for District 07.
05/24 - Ongoing	**Little Bogue Falaya Pond, St. Tammany Parish, Louisiana.** Hydraulics Engineer/Modeler. Currently performing the Hydrological and Hydraulic analysis for this project. Little Bogue Falaya is located in Covington, St Tammany Parish. Identified and developed project alternatives by running multiple detention pond scenarios with different design details to ensure the most efficient pond characteristics are identified. Conceptual layouts of the different alternatives will be provided, as well as a Preliminary Engineering report that summarizes the hydrologic and hydraulic analysis efforts and their results. The BCA of the recommended pond alternative will be performed for 10%, 4%, 2% and 1% Annual Exceedance Probability events.
08/24 - Ongoing	**Jones Creek Detention, East Baton Rouge Parish, Louisiana.** Hydraulics Engineer/Modeler. Currently performing the Hydrological and Hydraulic analysis for this project. The Jones Creek Detention project is a 40-acre storm water retention area that will serve to reduce flooding in the Jones Creek Watershed. Contracted by the City of Baton Rouge / Parish of East Baton Rouge, Michael Baker serves as a specialty sub-consultant to prime consultant GIS Engineering. Michael Baker will provide all hydraulic engineering and modeling for the project utilizing HEC-RAS and other hydraulic modeling software
01/23-12/24	**Louisiana Watershed Initiative Modeling Contract – Region 1, Louisiana. DOTD.** Hydraulics Modeler. Modeler for Black Lake Bayou (Region 1) HEC-RAS model. Created a coupled 1D/2D hydraulic model along with developing break lines, refinement regions, culverts, bridge structures , cross sections, and mesh geometry in the hydraulic model. Simulated storms within the HEC-RAS models and adjusted calculated values for calibration and validation of the model. Prepared hydraulics and structure logbook for Black Lake Bayou. Mr. Afaq created 1D models for other HUC 08's in region 1 which include Saline Bayou and Bodcau Bayou. The LWI project was launched in 2018 and introduced a watershed-based approach to reducing flood risk. It is organized by seven modeling regions, each of which encompasses multiple HUC-8 watersheds. These models will be instrumental in providing stormwater management decisions regarding land use, policy, and infrastructure
01/23 –12/24	**Louisiana Watershed Initiative Modeling Contract – Region 4, Louisiana. DOTD.** Hydraulics Modeler Served as a Hydraulic modeler for Lower Sabine located in Region 4 of Louisiana Watershed Initiative. Responsibilities included calibrating and validating the hydraulic model for Lower Sabine and helped in preparing the modeler's logbook. Similar to the LWI Region 1 project above, these models will be instrumental in providing future stormwater management decisions regarding land use, policy, and infrastructure.
05/22 – 12/22	**BLE model for Hazard Rd. Iberia Parish Government, Louisiana.** Intern. Developed the Base Level Engineering model for Hazard Road to check the effect of asphalt overlay on flooding in the adjacent area while using HEC-RAS to create a 2D model. The BLE was presented in Public meeting to show the benefits of asphalt overlay.

05/22 – 12/22	**University at Renaud Roundabout. Louisiana DOTD.** Intern. Served as part of the drainage design team. Responsibilities included delineating the drainage area and determined the longest flow paths, calculated the time of concentration, discharge and pipe size. Used both ArcGIS pro and HYDRWIN to aide in the drainage design.
05/22 – 12/22	**Kaliste Saloom: Phase 3B. Louisiana Consolidated Government (LCG).** Intern. Helped with preparing daily, weekly reports and monthly payment sheets.

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/21 – Ongoing	**US 371: KCS RR Overpasses HBI, Webster Parish, Louisiana. LADOTD.** Bridge Design Lead. Mr. McRae is serving as the Bridge Design Lead for the replacement of 3 bridges along US 371 at 2 locations: Sibley, La and Minden, LA. His responsibilities include overseeing the bridge design calculations and development of bridge plans making sure they meet both DOTD and KCS Railroad Design Guidelines. Project does include the design of a detour structure (Akrow Bridge) for the bridge site at Sibley in order to keep US 371 open under traffic.
02/24 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program.** Bridge Engineer. Responsibilities included performing QC of initial detailed cost estimates for preparing the structural selection memo and shortlisting 12 bridges based on various parameters like cost, structural health, and functional adequacy. Currently performing QC for all bridge plans and calculations. Michael Baker was selected by LADOTD to provide bridge, roadway, and environmental services for the replacement of off-system bridges in the five parishes located in LADOTD District 07. The 12 new structures include box culverts and slab span bridges. All the bridge surveys and the hydraulic studies are approved, and preliminary plan submittals for all the bridges are underway
01/06 - 12/12	**S.R. 27 Reconstruction Between the Kansas City Railroad and US 80, State Route 27, Vicksburg, Mississippi. Mississippi Department of Transportation**. Project Manager. Responsibilities included project management, generation of engineering design calculations, bridge geometry, bridge quantities and conceptual through final design contract plans. This project consisted of preparation of right-of- way and construction plans to reconstruct S.R. 27 between the Kansas City Railroad and US 80 in Warren County, MS. Michael Baker performed bridge and retaining wall design as well as roadway lighting. Suconsultants, ABMB and CivilTech, provided the necessary roadway design.
01/10 - 04/13	**S.R. 16 from S.R. 15 to S.R. 19 Bridge Design, Neshoba County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through preliminary bridge design contract plans for ten bridges. Michael Baker provided engineering services for improvements to 10 miles of S.R. 16 from S.R. 15 to S.R. 19. Michael Baker's services included the Phase A preliminary bridge plans for eight bridges, including hydraulic design for three bridges and a railroad crossing bridge, and stream and wetland delineation.
12/00 - 01/04	S.**R. 22 / Nissan Roads, Madison County, Mississippi. Mississippi Department of Transportation.** Assistant Engineer. Responsibilities included generation and checking of engineering design calculations, bridge quantities and final design contract plans. Responsibilities also included generating all bridge design calculations and contract plans for an AASHTO beam bridge located at Nissan Drive over the Illinois Central Railroad. This Nissan project was for the development of contract plans for three access roads to the site of the Nissan Plant in Canton, Madison County, Mississippi.
11/13 - 12/19	**S.R. 28 Big Creek, Quinn Creek, and Strong River Bridge Replacements, Simpson County, Mississippi. Mississippi Department of Transportation.** Engineer. Responsibilities included generating preliminary bridge R.O.W. plans, geometric calculations and design calculations for three hydraulic bridge crossings. One of the crossings, Strong River, required four separate alternates to be detailed as well as a construct-ability report and cost estimate comparison discussing the advantages and disadvantages of each alternate. Michael Baker is providing engineering services for the replacement of the S.R. 28 bridges over Big Creek, Quinn Creek, and Strong River. Michael Baker's services included hydraulic analyses, scour assessments, stream bank stabilization evaluations, preparation of hydraulic analysis reports, and conceptual and preliminary design.
03/09 - 03/21	**S.R. 9 Bridge Replacements, Calhoun County, Mississippi. Mississippi Department of Transportation**. Project Manager. Responsibilities included overall project management, QA/QC of bridge design calculations, and generation of final contract plans. Michael Baker provided engineering and design

	services for final bridge construction plans for four bridge replacements: Bridge No. 35.5 over Shutispear Creek, Bridge No. 40.7 over Yalobusha River Relief, Bridge No. 40.9 over Yalobusha River, and Bridge No. 41.2 over Yalobusha River Relief on S.R.9.
09/13 - 12/16	**S.R. 3 Bridge Hydraulic Design, Tate County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generating preliminary bridge R.O.W. plans, geometric calculations and design calculations for two hydraulic bridge crossings. Michael Baker provided engineering services for the replacement of the S.R. 3 bridges over Strayhorn Creek and Arkabutla Creek. Michael Baker's services included bridge hydraulic analyses, scour analysis and evaluation, bridge scour and stream bank stabilization design, and conceptual and preliminary structural design.
05/12 - 12/14	**S.R. 6 West Batesville Bypass Engineering Design, Panola County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through preliminary bridge design contract plans for five bridges. Michael Baker provided engineering services for the design of the S.R. 6 West Batesville Bypass, a new six-mile, four-lane, controlled-access highway with two interchanges. Michael Baker's services included field surveying, bridge hydraulic and structural design, and right-of-way plans.
03/12 - 04/13	**S.R. 178 Bridge Replacement Right-of-Way Plans, Itawamba County, Mississippi. Mississippi Department of Transportation**. Engineer. Responsibilities included generation of engineering and geometric design calculations, and development of final right-of-way bridge plans for eight bridges and two box bridge extensions. Michael Baker developed final right-of-way plans for replacement of eight bridges, extension of two box bridges, removal of one box bridge, and addition of a stream relocation and a new box bridge under a relocated local road. The roadways, totaling approximately seven miles along S.R. 178 between Clay and the Alabama State Line, were upgraded either to new construction standards or to 3R standards, depending on the locations. The project was divided into five sites. Three sites required detour roads, and two sites were temporarily closed to traffic. Michael Baker also performed all hydraulic analyses at the bridges and box bridges.
04/07 - 03/10	**Reunion Parkway over I-55 Interchange in Madison County, Mississippi. Madison County**. Project Manager. Responsibilities included project management duties and generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through final design contract plans. This project includes bridge and retaining wall design, as well as surveying for a Single Point Urban Interchange (SPUI) located at the intersection of I-55 and Reunion Parkway in Madison County, MS. The bridge is a curved steel box girder design.
09/06 - 03/10	**US 61 Intersection at Catherine Devereux Road, Adams County, Mississippi. Mississippi Department of Transportation.** Project Manager. Responsibilities included project management duties and generation of engineering design calculations, bridge geometry, bridge quantities, and conceptual through final design contract plans. This project consisted of preparation of Right-of-way and Construction Plans to reconstruct the intersection of US 61 at Catherine Devereux Road in Adams County, Mississippi. Michael Baker shared in the duty of bridge and MSE retaining wall design with the prime, ABMB Engineers.

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/24 - Ongoing	**Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program.** Bridge Engineer. Initial responsibilities included preparing a detailed cost estimate for preparing the structural selection memo and shortlisting 12 bridges based on various parameters like cost, structural health, and functional adequacy. Currently responsible for developing engineering design calculations, bridge geometry, bridge quantities, design plans, and coordinating with the in-house roadway team and the geotechnical subconsultants. Michael Baker was selected by LADOTD to provide bridge, roadway, and environmental services for the replacement of off-system bridges in the five parishes located in LADOTD District 07. The 12 new structures include box culverts and slab span bridges. All the bridge surveys and the hydraulic studies are approved, and preliminary plan submittals for all the bridges are underway.
09/22 – Ongoing	**US 371: KCS Railroad Overpasses HBI, Webster Parish, Louisiana. Louisiana Department of Transportation and Development**. Bridge Engineer. Responsibilities include computation of engineering design calculations, determining structural feasibility of bridge geometry, structural design of all bridge components, computation of bridge quantities, and plan production at various preliminary and final submittal stages/milestones. The project consists of full-scale replacement of two railroad overpass bridges 3.7 miles apart on the same route of US 371, with three bridges. Michael Baker is providing transportation and bridge engineering services for this project as a lead consultant, while subconsultants Ardaman and Associates, and Vectura Consulting Services, are providing geotechnical and traffic control services respectively
07/24 - Ongoing	**Agua Fria Pedestrian Bridge, Arizona. City of Avondale.** Bridge Design Lead. Responsibilities include leading the structural design for a 3 span pedestrian bridge spanning 525' across a canal and connecting two pedestrian walkways on either side, developing the design files, overseeing plan development for structural related sheets, recommending the structure alignment and profile taking into account the requirements and restrictions of all stakeholders (City of Avondale, ADOT, Flood Control District), structural design of ramps connecting to the bridge and the associated retaining walls, and coordinating with the client, the prefabricated bridge manufacturer, and the construction manager at risk (CMAR) in the later stages of the project
01/24 – 07/24	**Dauphin Island Bridge Repair, Alabama. Alabama Department of Transportation.** Bridge Engineer. Responsible for developing a finite element model in MIDAS Civil for the Dauphin Island Bridge, including approach spans consisting of 7 prestressed concrete girders 118' each as a continuous unit, and the main span unit consisting of post tensioned segmental girders, which had a layout of 211 ft – 400 ft – 211 ft. The task consisted of running live load analysis, transforming reactions from various load cases to ultimately derive reactions at bearings for sizing of jacks so that the spans could be jacked for bearing repair. The challenge was to be able to jack up the girders while the bridge was open to traffic, including special allowances for emergency vehicles. Also responsible for drafting repair plans and QCing related quantity calculations.
09/23 & 09/24	**Bridge Inspections and Load Ratings, Mississippi. Office of State Aid Road Construction.** Bridge Engineer. Responsible for conducting in-depth inspections of bridges (concrete channels, concrete slabs, reinforced concrete girders, steel girder bridges, concrete box culverts), documenting photographs and measurements, assigning condition ratings to bridge elements, and recommending bridge closures based on critical findings if applicable for 27 bridges in Sep 2023 and 16 bridges in Sep 2024, for OSARC, MS. Also responsible for performing load rating evaluation for bridges (concrete slabs, steel girders, steel and timber girder/stringer/floor-beam systems, steel railcar bridges) in Mississippi using AASHTOWare BrR for superstructure analysis and an in-house

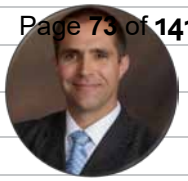
	spreadsheet developed for substructure analysis, preparing load rating summary reports and critical finding recommendations if applicable, and providing guidance to engineer interns, in 2023 and 2024.
07/19 - 08/22	**Macarthur Interchange Completion Phase II at US90-Z Eastbound, Jefferson Parish, Louisiana**. **Louisiana Department of Transportation and Development**. Engineer Intern. Responsibilities included structural analysis and girder capacity verification of prestressed concrete girders, developing spreadsheets and Mathcad files for computing development lengths and splice lengths, and deck reinforcement design. Further responsibilities included computing bridge quantities, girder riser elevations, riser thicknesses, deck elevations for the bridge, along with drafting CAD sheets in MicroStation for framing plans, pier cap details, and deck reinforcement plans in compliance with LADOTD standards. This project consisted of demolition of an off-ramp and an on-ramp, along with reconstruction of both at different locations in addition to new construction to facilitate bridge widening. SDR Engineering provided comprehensive transportation and bridge structural engineering services.
05/21 - 08/21	**Mermentau River Swing Span Truss Bridge Repairs at Grand Cheniere, Louisiana**. **Louisiana Department of Transportation and Development.** Engineer Intern. Responsibilities included preparing a structural rehabilitation solution to repair the steel truss member with structural deficiency, along with repair solutions for floorbeams and stringers using steel cover plates. Further responsibilities also included drafting and redrawing the fender system plans and railing repair plans and reviewing overall bridge repair quantities and the plan set. SDR Engineering provided the bridge inspection and load rating services in the preliminary stage, and later prepared repair and rehabilitation plans and procedures for the entire superstructure and substructure along with the fender system for the movable bridge span.
07/19 - 02/21	**Load Rating of 311 Bridges, Louisiana. Louisiana Department of Transportation and Development.** Engineer Intern. Responsibilities included load rating 51 bridges of various types such has concrete slab bridges, reinforced concrete girder bridges, prestressed girder bridges, prestressed and reinforced channel bridges, reinforced concrete culverts, and timber beams/timber trestle bridges. For a typical bridge, the load rating process involved developing and analyzing the superstructure structural model in AASHTOWare BrR, substructure structural model in RC Pier (now LEAP Bridge Concrete), and post processing the analysis results using Mathcad to effectively determine the load carrying capacity of the bridge (load rating factors) and accordingly recommending the posting load to LADOTD. This project's scope was initially the load rating of 311 bridges located across Louisiana, however later another 300+ bridges and culverts were added to the scope. SDR Engineering provided the load rating services for this project.
08/20 - 09/20	**Bridge Deck Investigation using Ground Penetrating Radar (GPR) system, Louisiana. Louisiana Department of Transportation and Development**. Engineer Intern. Responsibilities included performing GPR investigation of bridge decks for 5 bridges across Louisiana using a vehicle mounted GPR setup provided by 3D-radar (now Kuntur), processing and analyzing scanned data, summarizing insights, and compiling reports regarding feasibility and usefulness of such an investigation. SDR Engineering provided the investigation services for this pilot GPR bridge deck evaluation project.

Firm employed by **Michael Baker**			
Name	**Layton R. Breithaupt, PE**	Years of relevant experience with this employer	➲ 6
Title	Bridge Engineer	Years of relevant experience with other employer(s)	➲ 0
Degree(s) / Years / Specialization		B.S. / 2018 / Civil Engineering A.A. / 2014 / Drafting and Design	
Active registration number / state / expiration date		PE.29138 / MS / 12/31/2026 PE.0048097 / LA / 03/31/2026	
Year registered	2022 2023	Discipline	Civil
Contract role(s) / brief description of responsibilities		**BRIDGE DESIGNER**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/22 – Ongoing	**Baldwin County River Road. Baldwin County Commission (AL).** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.
08/22 - Ongoing	**I-55 from Mississippi Highway 24 to U.S. 98 in McComb, McComb, Mississippi. Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included Phase C work which consisted of checking material orders and shop drawings. Michael Baker performed rehabilitation of I-55 from M.S. 24 to U.S. 98. Work included establishing leveled elevations for existing control while setting mobile LiDAR control along the roadway. LiDAR control points were set horizontally with RTK GPS then leveled through with a digital level. Survey operations were also required.
05/19 - 07/19	**I-79 Upgrade South Fairmont to Pleasant Valley Engineering Services, Marion County, West Virginia. West Virginia Department of Transportation, Division of Highways.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including substructure design, and checking of final bridge plans. Responsibilities also included generation of quantity calculations and design computation PDF books. Michael Baker provided engineering and environmental services for the widening of I-79 to six lanes, from 0.38 miles south of U.S. 250 (exit 132) to 0.25 miles north of C.R. 64 (exit 135). This two-phased project provided the preparation of construction plans and related documents and included the necessary NEPA services to facilitate project construction.
08/22 - Ongoing	**MDOT ON-CALL SERVICES 2021.Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.
08/18 - 12/22	**Reunion Parkway Design Services Phase 3, Madison County, Mississippi. Madison County Board of Supervisors.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books. Michael Baker provided design services for two bridge sites along Phase 3 of the Reunion Parkway in Madison County, Mississippi. The scope included developing Phase B Final Bridge Plans for an 880-foot-long bridge over Bear Creek and a 530-foot-long bridge over the Illinois Central Railroad.
07/19 - Ongoing	**U.S. 49 Florence to Scales Construction Engineering and Inspection, Rankin County, Mississippi. Confidential Client.** Civil Associate**.** Responsible for QC of bridge quantities. Michael Baker provided engineering services, including field surveys, preliminary through final design, construction phase services, and public relations support, for the construction of U.S. 49 from Florence to the Scales Area. Working as an extension of client staff, Michael Baker provided construction management, Phase C Design (RFI/submittals), utility coordination, scheduling review (Primavera P6), material testing, erosion control, surveying, traffic control, and public relations support, for the construction of U.S. 49 from Florence to the Scale Area.
08/18 – 04/20	**Appalachian Corridor V Bridge Project, Itawamba County, Mississippi. Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities

	also included generation of load rating reports, quantity calculations and design computation PDF books. Michael Baker provided design and engineering services for bridge hydraulics, conceptual and final bridge construction plans, and construction engineering services for four twin hydraulic bridge crossings on the Appalachian Corridor "V" alignment (S.R. 76) from Fairview to S.R. 23.
04/22 - Ongoing	**S.R. 9 Bridge Replacements, Calhoun County, Mississippi. Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books. Michael Baker provided engineering and design services for final bridge construction plans for four bridge replacements: Bridge No. 35.5 over Shutispear Creek, Bridge No. 40.7 over Yalobusha River Relief, Bridge No. 40.9 over Yalobusha River, and Bridge No. 41.2 over Yalobusha River Relief on S.R.9
07/20 – 12/20	**SR 601 Middle-Canal Road. Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.
08/18 – 12/20	**2017 Roadway Design Services IDIQ Master Contract. Mississippi Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.
03/22 - Ongoing	**CHA CR486 Final. Georgia Department of Transportation.** Civil Associate**.** Responsibilities included the generation of bridge design calculations, including superstructure and substructure design, and checking of final bridge plans. Responsibilities also included generation of load rating reports, quantity calculations and design computation PDF books.

Firm employed by **Michael Baker**			
Name	**T. J. (Thomas) Holliday, III, PWS**	Years of relevant experience with this employer	➲ **15**
Title	Environmental Planning Manager	Years of relevant experience with other employer(s)	➲ **11**
Degree(s) / Years / Specialization		BS / 1998 / Civil Engineering / Delta State University	
Active registration number / state / expiration date		License No.: 2447 / N/A / N/A	
Year registered	2014 Discipline	Professional Wetland Scientist	
Contract role(s) / brief description of responsibilities		**ENVIRONMENTAL PROFESSIONAL**	



Mr. Holliday will serve as Environmental Professional for the environmental clearance and permitting of projects/task orders that require environmental services.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
10/22 - Ongoing	**H.015338 IIJA Off-System Bridges Program – District 07, Louisiana | DOTD.** Environmental Professional Lead. Oversaw the research by the environmental team for environmental constraints that could serve as a roadblock for the replacement of a bridge structure. The information gathered allowed the engineers to make decisions on which bridges structures should move forward in design based off these environmental constraints. The constraints included but not limited to the following: Archaeological Sites, NRHP, Pre-1971 La HBI, 71-85 NRHP, Tribal Lands, Wetlands, Scenic Stream, Levee Permit, Coastal Zone, T&E Species, Section 4(f) and 6(f) lands, Navigable Waterway, UST or Contaminated Sites, Potential Mitigation Cost, and Additional Environmental Permits. Project includes five parishes in District 07 for the replacement of existing off-system bridges. DOTD broke the project into an Initial Phase and a Final Design Phase. Project priorities were part of the initial phase that started in October 2022 and was finished and submitted in December 2022. District 07 was given $30.3 million dollars with allocations for each parish
08/22 - Ongoing	**Barksdale AFB Entrance Roads, Bossier Parish, Louisiana | NAVAC.** Environmental Professional Lead. Responsible for the procurement of environmental permits for the new entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie into the new LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination with the U.S. Army Corps of Engineers and Bossier Parish Engineering Department. The project was broken into two separate construction plans (Rough Grade and Final Design) and required additional coordination with DOTD and USACE. The new roundabout is designed to be a multi-lane roundabout that accommodates the new LA 1267 spur of the I-20/220 interchange.
05/11 - Ongoing	**New Orleans Rail Gateway Environmental Impact Statement, Jefferson and Orleans Parishes, Louisiana. LADOTD.** Environmental Specialist. Conducted field studies and documented findings for wetlands and hazardous materials. Michael Baker is providing environmental and engineering services to develop an environmental impact statement for the New Orleans Rail Gateway, the fourth-largest freight and passenger rail gateway in the United States. Michael Baker's services include project management, review of previous studies, environmental resources investigations, geographic information system development, mapping, rail and roadway travel demand modeling, alternatives analyses, rail and roadway conceptual design, cost estimates, document preparation, stakeholder and agency coordination, and extensive public outreach.
01/10 – Ongoing	**Natural Environment Master for Wetland and Other Waters Assessments and T/E Species Surveys for Roadway and Bridge Improvements, Statewide, Mississippi. MDOT**. Environmental Professional Lead. Responsible for environmental studies and reporting. Under three consecutive three-year contracts, Michael Baker has conducted listed species surveys and assessments of potential impacts to wetlands and other waters related to the replacement of bridges and construction of other improvements along various roadways throughout the state. Services include data collection and analysis, site investigations, wetland delineations, and report preparation.

3/18 – 7/18	**Jackson County Bridges | Jackson County Road Department.** Environmental Professional Lead. Michael Baker assisted the Jackson County Road Department with Section 404 permit coordination for multiple bridge replacement and roadway improvement projects within the County. The project included four sites located along Old Fort Bayou Road, Juniper Drive, and Solomon Road. Michael Baker's services included data collection and analysis for wetlands and other waters of the U.S. and threatened and endangered species. The projects required coordination with the Mobile District US Army Corps of Engineers (USACE), US Fish and Wildlife Service (USFWS), MS Department of Marine Resources (MDMR), MS Department of Environmental Quality (MDEQ), and the MS Department of Archives and History (MDAH).
01/10 - 04-13	**S.R. 16 from S.R. 15 to S.R. 19 Bridge Design, Neshoba County, Mississippi. Mississippi Department of Transportation.** Environmental Specialist**.** Responsible for field surveys to identify wetlands and other waters of the U.S. and preparation of a jurisdictional findings report for 404 permitting process. Michael Baker provided engineering services for improvements to 10 miles of S.R. 16 from S.R. 15 to S.R. 19. Michael Baker's services included the Phase A preliminary bridge plans for eight bridges, including hydraulic design for three bridges and a railroad crossing bridge, and stream and wetland delineation.
10/08 - 07/15	**FM 521 Environmental Assessment, Texas. Texas Department of Transportation. Environmental Specialist**. Responsible for completion of the EA document and preparation of the FONSI. Assisted with public involvement activities. Michael Baker performed an environmental assessment (EA) for the reconstructing and widening of FM 521, an existing two-lane rural undivided facility, to a four-lane divided urban arterial from Beltway 8 to FM 2234 (McHard Road). The project also includes improvements on FM 2234 at FM 521 and proposed grade separations at the Union Pacific Railroad (UPRR) crossings on both FM 2234 and FM 521. Michael Baker's services included wetlands delineation and permitting, public involvement, community impacts assessment, indirect and cumulative impacts assessments, and a Section 4(f) analysis.
02/11 - 06/11	**Wetlands Delineation for S.R. 7 and S.R. 8 Bridge Replacements, Marshall, Benton, and Calhoun Counties, Mississippi. Mississippi Department of Transportation.** Environmental Specialist. Conducted wetland and other waters assessments for a bridge replacement and road improvements along S.R. 7 in Marshall and Benton Counties and S.R. 8 in Calhoun County. Prepared jurisdictional findings report for submittal to USACE for 404 permit evaluations. Michael Baker performed wetland assessments and delineations for the replacement of the bridges on S.R. 7 in Marshall and Benton counties and S.R. 8 in Calhoun County. Michael Baker's services included data collection and analysis, field investigations, wetland delineations and assessments, and report preparation.
03/11 - 07/11	**Wetland Delineations and Assessments for the S.R. 493, S.R. 19, and I-55 Interchange Bridge Replacements, Kemper, Lauderdale, and Madison Counties, Mississippi. Mississippi Department of Transportation.** Environmental Specialist. Conducted field studies and prepared jurisdictional findings report. Michael Baker performed wetland assessments and delineations for the replacement of the bridges on S.R. 493 in Kemper County, S.R. 19 in Lauderdale County, and at the I-55 interchange in Madison County. Michael Baker's services included data collection and analysis, field investigations, wetland delineations and assessments, and report preparation.
05/10 - 02/13	**S.R. 607 Improvements from Texas Flat Road to I-59, Hancock and Pearl River Counties, Mississippi. Mississippi Department of Transportation.** Environmental Specialist. Responsible for wetland and other waters of the U.S. delineation and reporting. Michael Baker provided engineering services for the widening of S.R. 607 to four lanes from Texas Flat Road to I-59, including the reconstruction of a bridge over Alligator Branch, the replacement of a bridge over Second Alligator Branch, and the replacement of a bridge over Indian Camp Creek.

Firm employed by **Michael Baker**			
Name	**Elizabeth Brock**	Years of relevant experience with this employer	➲ 6
Title	Environmental Specialist	Years of relevant experience with other employer(s)	➲ 5
Degree(s) / Years / Specialization		BS / 2010 / Environmental Science / University of Mary Washington	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		**ENVIRONMENTAL SPECIALIST**	

Ms. Brock will serve as Environmental Specialist for task orders that require environmental clearance and permitting.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/22 - Ongoing	**Barksdale AFB Entrance Roads, Bossier Parish, Louisiana | NAVAC**. Environmental Scientist. Responsible for the procurement of environmental permits for the new entrance roads for Barksdale AFB. The project includes a new roundabout at the Air Force Base gates along with new 4-lane divided highway to tie into the new LA 1267 highway constructed by DOTD under the I-20/I-220 Design Build interchange improvements. Additional responsibilities include coordination with the U.S. Army Corps of Engineers and Bossier Parish Engineering Department. The project was broken into two separate construction plans (Rough Grade and Final Design) and required additional coordination with DOTD and USACE. The new roundabout is designed to be a multi-lane roundabout that accommodates the new LA 1267 spur of the I-20/220 interchange.
11/22 – Ongoing	**Runway 31 Approach Obstruction and Acquisition, Hammond, Louisiana | City of Hammond, LA**. Environmental Scientist. Responsible for environmental services. Michael Baker provided professional services associated with the development and submittal of the necessary NEPA Documentation in the form of a short form Environmental Assessment for the Runway 31 Approach Obstruction Mitigation project at Hammond Northshore Regional Airport.
11/21 – Ongoing	**Heart of Georgia Taxiway A Rehabilitation Categorical Exclusion, Eastman, Georgia | Heart of Georgia Regional Airport Authority.** Environmental Scientist. Assisted with environmental services. Michael Baker provided engineering and environmental services for the rehabilitation of Taxiway A for Runway 02-20, which has a length of 6,500 feet and a width of 50 feet. Rehabilitation will include milling of the existing surface, crack/joint sealing, placement of new HMA surface, and pavement markings. Michael Baker conducted the technical studies necessary to prepare NEPA documentation, which included a review for wetland impacts.
03/19 – 01/21	**Lemoyne Boulevard Erosion Control, St. Martin, Mississippi. Jackson County Board of Supervisors.** Environmental Scientist. Responsible for assisting with environmental services. Michael Baker provided professional services associated with performing a detailed drainage study for new erosion control improvements to an existing open channel drainage way located north of Lemoyne Boulevard in the St. Martin Community. The purpose of the drainage and erosion control study was to provide recommendations to the stormwater drainage channel to address channel re-alignment and implement new erosion control measures to mitigation channel migration and sedimentation of channel banks and bottom.
08/19 – 09/19	**Padgett Switch Road Resurfacing, Restoration, and Rehabilitation (RRR), Mobile County, Alabama. Mobile County Engineering Department.** Environmental Scientist. Assisted with environmental services. Michael Baker provided engineering services for the rehabilitation of Padgett Switch Road from Highway 90 to Half Mile Road. Michael Baker's services include design, bidding-phase support, and construction services for grading, drainage, base, and paving of the roads. The project was funded by the 2016 Pay-As-You-Go funding program.
03/19 – 06/19	**Saline and Caddo River Bridges Design Services, Pike, Howard, and Sevier Counties, Arkansas. Arkansas Department of Transportation.** Environmental Specialist. Responsible for environmental services. Michael Baker provided roadway and bridge design for the replacement of three bridges in Sevier, Pike, and Howard counties in Arkansas. Individual sites on the project include Highway 70 over the Caddo River, Highway 70 over the Saline River, and Highway 278 over the Saline River. Michael Baker provided plans for the replacement of the bridges and approaches and hydraulic and geotechnical studies and completed the environmental clearance documentation at all locations.
04/19 – 08/19	**Bush Lane and Carol Plantation Road Resurfacing, Restoration, and Rehabilitation, Mobile, Alabama. Mobile County Engineering Department.** Environmental Scientist. Responsible for assisting with environmental services. Michael Baker is performing engineering services for a resurfacing, restoration, and rehabilitation project on Bush Lane and Carol Plantation Road. Michael Baker is developing reports, plans, and calculations to support 50%,

	90%, and 100% design review submissions. Major items of work include preliminary and final design plans; safety audit; preliminary and final engineering reports; and construction administration.
10/19 – 11/19	**S.R. 27 over Big Black River Replacement Project, Warren and Hinds Counties, Mississippi. Mississippi Department of Transportation.** Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare the Wetland Delineation in support of the proposed project to replace the existing bridge (Bridge # 117.9) over Big Black River along S.R. 27, in Hinds and Warren County, Mississippi. Michael Baker provided engineering services to assess potential impacts to wetlands and other waters resulting from the replacement of the bridge on S.R. 27 over Big Black River. For the project, Michael Baker reviewed the project plans for the bridge replacement site as well as aerial photography and other mapping of the project area. Michael Baker conducted field investigations in the project area to locate, identify, and delineate wetlands and waters of the United States in accordance with the USACE 1987 Wetland Delineation Manual and 2010 Regional Supplement guidance. It also mapped jurisdictional wetland areas and prepared technical reports.
09/19 – 11/19	**S.R. 12 over Moccasin Creek Bridge Replacement Project, Lexington, Mississippi. Mississippi Department of Transportation.** Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare the Wetland Delineation in support of the proposed project to replace the existing bridge (Bridge # 69.2) over Moccasin Creek along S.R. 12 in the city of Lexington in Holmes County, Mississippi. Michael Baker provided engineering services to assess potential impacts to wetlands and other waters resulting from the replacement of a bridge over Moccasin Creek on S.R. 12. For the project, Michael Baker reviewed the project plans for the bridge replacement site as well as aerial photography and other mapping of the project area. Michael Baker conducted field investigations in the project area to locate, identify, and delineate wetlands and waters of the United States in accordance with the USACE 1987 Wetland Delineation Manual and 2010 Regional Supplement guidance. Additionally, Michael Baker provided wetland mapping and a technical report.
06/20 – 07/20	**S.R. 8 Bridge Replacement Wetland Assessment, Sunflower County, Mississippi. Mississippi Department of Transportation.** Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare the Wetland Delineation in support of the proposed project in Sunflower County, Mississippi. Michael Baker provided engineering services to assess potential impacts to wetlands and other waters resulting from the replacement of a bridge over the Quiver River on S.R.8. Michael Baker reviewed the project plans for the bridge replacement site as well as aerial photography and other mapping of the project area. It then conducted a field investigation in the project area to locate, identify, and delineate wetlands and waters of the United States in accordance with the USACE 1987 Wetland Delineation Manual and 2010 Regional Supplement guidance. Michael Baker also performed wetlands mapping and provided a technical report.
07/20 – 08/20	**S.R. 28 over Boles Creek Wetland Assessment, Jefferson County, Mississippi. Mississippi Department of Transportation.** Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare the Wetland Delineation in support of the proposed project in Jefferson County, Mississippi. Michael Baker provided engineering services to assess potential impacts to wetlands and other waters resulting from the replacement of bridges over an abandoned railroad and over Boles Creek on S.R. 28. Michael Baker compiled and analyzed preliminary information regarding the project sites, including color infrared aerial photography, soil surveys, design plans for the roadway, and other readily available information. It then a performed site investigation to delineate wetlands and other waters of the United States, completed data forms, and took representative photographs of identified resources.
08/20 – 11/20 **01/22 – 02/22**	**S.R. 601 Canal Road Wetlands Assessment, Harrison County, Mississippi. Mississippi Department of Transportation.** Environmental Scientist. Responsible for conducting environmental investigations necessary to prepare the Wetland Delineation in support of the proposed project in the City of Gulfport in Harrison County, Mississippi. Michael Baker provided engineering services to assess potential impacts to wetlands and other waters resulting from the construction of a new road to connect southern Gulfport to I-10. For the project, Michael Baker compiled and analyzed preliminary information regarding the project sites, including color infrared aerial photography, soil surveys, design plans for the roadway, and other readily available information. It then performed site investigations to delineate wetlands and other waters of the United States, completed data forms, and took representative photographs of identified resources.

14. List firm's project experience most relevant to the scope in the advertisement. The firm should list no more than 10 projects and should include no more than one project. If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects

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

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

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

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

RELEVANT TO IDIQ

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

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

Firm members involved include: **Daniel Thornhill, PE | Brandon Pitre, PE | Alexis Harrouch, EI | Eric Erickson, PE, CFM | Shalin Sheth, PE | TJ Holliday | Elizabeth Brock**

14. List firm's project experience most relevant to the scope in the advertisement. The firm should list no more than 10 projects and should include no more than one project per page. If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects

Firm name	Michael Baker INTERNATIONAL		Past Performance Evaluation Discipline(s)*	Road, Bridge, Environmental
Project name	**US 371: KCS RR Overpasses HBI**		Firm responsibility (prime or sub?)	Prime
Project number	H.012030		Owner's name	Louisiana Department of Transportation and Development
Project location	Sibley & Minden, Louisiana; Webster Parish, Louisiana	Owner's Project Manager	Hamed Babaizadeh, PE	
Owner's address, phone, email	1201 Capitol Access Road Baton Rouge, Louisiana 70802 | 225-379-1033 | Hamed.Babaizadeh@LA.GOV			
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost ($1,000's)		$694
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$630

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

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

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

Team Members: Daniel Thornhill, PE | Brandon Pitre, PE | Alison Gonzalez, PE | Jeffery McRae, PE | Shalin Sheth, PE | Eric Erikson, PE

RELEVANT TO IDIQ

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

14. List firm's project experience most relevant to the scope in the advertisement. The firm should list no more than 10 projects and should include no more than one project per owner. If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects

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

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

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

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

LADOTD PROJECT EXPERIENCE

RELEVANT TO IDIQ

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

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

Team Members: **Daniel Thornhill, PE | Brandon Pitre, PE | Eric Erikson, PE, CFM | TJ Holliday | Elizabeth Brock**

15. Provide any additional information or description of resources supporting your firm's qualifications for the proposed contract including information that your firm has adequate staffing to complete the contract and a description of how your firm intends to meet any specialized requirements as may be provided in the advertisement for the contract. This section should be limited to four pages. If more than four pages are included, all pages after the fourth page may be discarded prior to providing the proposals to the Project Evaluation Team for grading.

FIRM INTRODUCTION

Michael Baker International is a leader in the Transportation Industry, consistently ranking in the top 10 percent of the 500 largest U.S. engineering firms (currently 28th in ENR's Top 500 Design Firms). With a staff of over 4,000 project managers, highway and bridge engineers, and support staff, Michael Baker International is well suited to execute projects of any size. We specialize in serving Clients as design consultants for road and bridge programs. Programs that include multiple smaller projects that must be organized and sequenced in order to be completed on time and on budget. We have the unique experience in Louisiana and around the country of delivering large transportation programs efficiently and timely. Our experience and staff will be a resource for the success of **Congestion Relief Winfield Road in Bossier Parish, Louisiana.**

In Louisiana, **Michael Baker International** employees have worked with LA DOTD for the last 25 years on nearly $4 Billion of Highway and Bridge construction projects. We have provided a full range of Program Management consultant services for the Department. These services have included Program and Project Management, pre-construction services, construction administration, full document control, and Construction Engineering and Inspection (CE&I) services. As a Joint Venture Partner in the Louisiana TIMED Managers JV (LTM), we partnered with LA DOTD to deliver the $5.2 Billion Transportation Infrastructure Model for Economic Development (TIMED) Program.

Michael Baker International is currently working on several bridge/roadway design projects for DOTD. As shown in Section 14 of this document, we are currently working on the replacement of 3 bridges in Weber Parish at both Sibley and Minden. Also, we are currently working on the District 7 IIJA Off-System Bridge program for the replacement of 12 bridges in 5 parishes. Bridges are expected to be let for construction in both 2025 and 2026. **Michael Baker International Louisiana** team designed the new entrance roads along with roundabout for the updated gate entrance to Barksdale Airforce Base. The project tied directly to where DOTD terminated the I-20/220 design-build project.

Previous Experience of the Congestion Relief Project

Michael Baker International was the hired consultant who performed the environmental clearance for this current project when it was known as the East-West Corridor Environmental Assessment, EA/FONSI. We provided **preliminary engineering and National Environmental Policy Act and environmental documentation for the new eight-mile, two-lane urban collector with right-of-way clearance for possible expansion to a four-lane boulevard.** The purpose of the new facility was to alleviate congestion and reduce travel delays along the other roadways that link the rapidly growing residential areas of Bossier Parish with the Shreveport and Bossier City employment centers.

The study area included the Flat River, Cypress Bayou, Red Chute Bayou, Benoit Bayou, and Willow Chute, and the expansive floodplain created by these watercourses. The project involved the development of preliminary engineering line, grade and cost estimates; geographic information system environmental mapping and analysis; traffic analyses, including traffic counts and forecasts using the TransCAD regional travel demand model; probability modeling for archaeological resources; a Phase I cultural resources assessment and geoarchaeological study; wetland delineation and wetland and surface waters technical report; a Phase I environmental site assessment; highway traffic noise studies; navigable waterways studies;

Endangered Species Act consultation; draft and final environmental assessments and finding of no significant impact; a draft Section 404 permit application; and public and stakeholder outreach.

Our team will use our institutional knowledge of the project to help assist Gresham Smith with a streamlined approach to deliver a successful project to Bossier Parish.

Michael Baker International Benefits to Bossier Parish

1. **Consultant's Firm Experience on Similar Projects** **Michael Baker International** is a multi-disciplinary transportation consulting firm with a staff of experienced bridge and highway engineers. **Michael Baker International** routinely provides bridge and roadway design services as well as environmental/NEPA documentation and permitting for transportation services. We take pride in assisting our clients in solving complex challenges. **Michael Baker International** brings experience gained nationally and from numerous LA DOTD and local Parish projects. We specialize in a Programmatic approach to providing multiple project designs efficiently to maximize the "bang for the Client's buck". It would be an honor to utilize our firm's expertise to assist Bossier Parish and Gresham Smith in delivering the **Congestion Relief Winnfield Road** project. Section 15 of this Form 24-102 includes several projects that best illustrate our firm's experience and our key personnel's experience.

2. **Current Consultant's Staff Experience and Available Resources** The **Michael Baker International** Team staff is currently wrapping up several projects that were mentioned earlier. Our local staff is comprised of 2 Roadway Profession Engineers, 3 Engineer Interns, 1 Engineer-Aide, 3 Bridge Engineers, 1 Structural Senior Technician, 3 Drainage Professional Engineers that are support by 2 Drainage Engineer Interns. Additionally, we have over 400 personnel within our Southern Region that we can utilize, if necessary. The Louisiana Operations is led by **Daniel Thornhill, PE** who is supported by Roadway Project Manager, **Brandon Pitre, PE, PTOE**, Hydaaulics/Water Resource Project Manager, **Eric Erikson, PE, PMP**, and Bridge Engineer, **Shalin Sheth, PE.** This teams brings vast knowledge of multiple disciplines of engineering to the Gresham Smith team.

   The Michael Baker team described above is currently able to dedicate multiple resources who can provide roughly 65%-100% utilization to the project details. Our team will coordinate directly with Gresham Smith team to make sure the appropriate resources are allocated to the project to meet the project schedule.

3. **Consultant's Past Performance on Similar Projects** The **Michael Baker International** Team has successfully performed all services outlined in the advertisement for our clients in the past. Through these experiences we have learned not only what LA DOTD expects from their consultants but also what other Parishes expect as well. Our team develops a strong working relationships with all our Clients. **Michael Baker International** assures Bossier Parish that it will continue to place the highest value on the quality of service we provide. Both technically and interpersonally, our goal is to exceed your expectations for the services we provide.

4. **Consultant's Current Projects** **Michael Baker International's** current workload will allow for the immediate assignment of our local personnel. We anticipate a quick start for these services to meet aggressive schedules and deadlines. The availability of our key personnel identified for this project allows us to hit the ground running to meet the goals of the contract. We are prepared to perform the services listed in the advertisement and have adequate support staff to accomplish this goal. As you will find in Section 16, that majority of our current workload is in the Construction Engineering, and Inspection services. Our current workload for roadway, bridge, and hydraulics is such that our team can dedicate the necessary time to meet Bossier Parish needs.

HYDRAULIC CALCULATIONS AND REPORT

Gresham Smith has dedicated several bridge sites to **Michael Baker Internation** for design. Our current hydraulic team has recently analized and sied the channel opening for 12 bridges on the District 7 IIJA Off-System Bridge program. All sites were modeled following the DOTD Hydrualics Manaul and were quickly adopted by the DOTD hydraulics section. **Michael Baker International** brings valuable years of experience and knowledge to the team of understanding the requirements necessary for determining drainage basin flows for sizing the channel openings for the new bridges. A major emphasis by the hydraulics team will be to determine anticipated scour and determine backwater elevations that meet or exceed LA DOTD Hydraulic Manual and Bridge Design Technical Memorandum. Hydraulic calculations, recommendations, and summary will be provided for each bridge structure in a Hydraulics Report that is approved and sealed by the Hydraulics Engineer.

QUALITY CONTROL/QUALITY ASSURANCE

Quality is the top priority for Michael Baker International. We have both a roadway and bridge quality control manual that will be utilized along the development of plans. Both Bossier Parish and Gresham Smith quality control manuals will govern and Michael Baker International manuals will be provided as additional support. All design will be independently reviewed by engineers that are not associated with the project. This approach will allow fresh eyes to review the construction plans to make sure items are in accordance with all design requirements for both Bossier Parish and LA DOTD standard plans and specifications.

WORK ZONE TRAINING

Michael Baker International has a significant number of staff members that meet the LA DOTD requirements of work zone training. As part of the design team, Daniel Thornhill, PE, Brandon Pitre, PE, PTOE, and Alexis Harrouch, EI, all have been through the required training and are certified as Traffic Control Supervisor, Traffic Control Technician and flagging operations. Their knowledge from this certification will be utilized in determining best practices for traffic control and sequence of construction while developing construction plans. If it is determined during the lifespan of this contract that additional certifications or certification refreshers are necessary,

CONCLUSION

The Michael Baker International Team appreciates Bossier Parish's consideration of our Team for the award of the Congestion Relief Winfield Road Project. We believe we have identified the right staff to support Gresham Smith that will meet the project needs. The Michael Baker International Team is committed to perform the work locally in our Baton Rouge office and, if necessary, will commit the necessary resources and expertise from regional offices to assure the success for this contract. It is our hope that the Bossier Parish agrees that our team has assembled the design team for award of this contract.

16. For all contracts on which your firm is a prime consultant or sub-consultant and where a) the consultant selection was made by the BPPJ and DOTD, and b) a contract was executed by the prime consultant with the BPPJ or DOTD by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) your firm is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the prime consultant and the BPPJ or DOTD;
3) the work has not yet been performed, invoiced, and paid; and
4) the work is not currently suspended for an indefinite period of time.

List only the portion of the fees attributable to your firm. Add or remove rows as needed.

All dollar amounts shall be shown in thousands of dollars, rounded to the nearest thousand.

State project number	Project name	Remaining Unpaid Balance**
Contract No. 4400021519 S.P. No. H.012030.5 F.A.P. No. H012030	US 371: KCS RR Overpasses HBI	$67,107 (Rd) $31,334 (B)
Contract No. 4400025026 S.P. No. H.015338 F.A.P. No. H015338	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program – District 07, Supplemental Agreement No. 1	$186,695 (Rd) $186,695 (B)
Contract No. 4400019379 S.P. No. H.013797 F.A.P. No. H013797	LA 30: EBR PL-I-10	$84,000 (Rd) $75,000 (B) $150,475 (E)
Contract No. 4400005484 S.P. No. H.005168 F.A.P. No. DE-9208 (500)	NORG EIS, New Orleans, Louisiana	$256,293
Contract No. 4400005484 S.P. No. H.005168	NORG – Avondale PEL Study, New Orleans, Louisiana Supplemental Agreement	$289,764
Contract No. 4400005484 S.P. No. H.005168	NORG (Jefferson) GHG/Renderings	$50,720
Contract No. 4400017092 Task Order No. 4	Collection of Existing Watershed Datasets, Models, and Studies; and Proposition of Modeling Design Approach, Schedule and Costs, Region 6	$400,000
Contract No. 4400019130 Task Order No. 1	IDIQ Contract for Statewide Aviation Program Update – Phase II Statewide	N/A
Contract No. 4400025536 Task Order No. 1 S.P. No. H.013997	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Loc Rd. over Borrow Pit (Blind RV BT LNCH), St. James Parish	$72,130

State project number	Project name	Remaining Unpaid Balance**
F.A.P. No. H013997		
Contract No. 4400025536 Task Order No. 2 S.P. No. H.012936 F.A.P. No. H012936	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 78: US 190- LA 1	$2,787
Contract No. 4400025536 Task Order No. 3 S.P. No. H.013458 F.A.P. No. H013458	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Manchac Acres & HH Wilson Rd Bridges	$9,911
Contract No. 4400025536 Task Order No. 4 S.P. No. H.015604 F.A.P. No. H015604	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Pear St. at LA 1: Drainage	$74,133
Contract No. 4400025536 Task Order No. 5 S.P. No. H.012057 F.A.P. No. H012057	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 431: Villar Canal and Drainage Bridges	$723,433
Contract No. 4400025536 Task Order No. 6 S.P. No. H.013956 F.A.P. No. H013956	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Beamon Rd over Bayou Maringouin	$20,821
Contract No. 4400025536 Task Order No. 7 S.P. No. H.014319 F.A.P. No. H014319	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Ceadercrest Avenue over Wiener Creek	$98,015
Contract No. 4400025536 Task Order No. 8 S.P. No. H.015944 F.A.P. No. H015944	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 70 – LA 3213	$410,277
Contract No. 4400025536 Task Order No. 9 S.P. No. H.016026 F.A.P. No. H.016026	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Grosse Tete Emergency Project	$246,906
Contract No. 4400025536 Task Order No. 10 S.P. No. H.014088.6 F.A.P. No. H.014088	IDIQ Contract for Construction Engineering and Inspection Services in District 61, US 61: INT. Improvements at LA 427	$336,795

State project number	Project name	Remaining Unpaid Balance**
Contract No. 4400025536 Task Order No. 11 S.P. No. H.015440.9 F.A.P. No. H015440	IDIQ Contract for Construction Engineering and Inspection Services in District 61, LA 69: 0.5 Mi N of LA 404-LA 1	$285,706
Contract No. 4400025536 Task Order No. 12 S.P. No. H.014993.6 F.A.P. No. H014993	IDIQ Contract for Construction Engineering and Inspection Services in District 61, Lemon Rd over Drainage Bayou	$166,062
Contract No. 4400024660 Task Order No. 1 H.013958.6 S.P. No. H.013958.6	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 Carpenter Bridge Rd over Whisky Chitto Creek	$94,920
Contract No. 4400024660 Task Order No. 2 H.014415.6 S.P. No. H.014415.6	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 LA 352 Drainage Improvement	$139,881
Contract No. 4400024660 Task Order No. 3 H.009629.6 S.P. No. H.009629.6	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 US 90 RR-Pinhook_ LA 92-LA 88	$318,233
Contract No. 4400024660 Task Order No. 4 S.P. No. H.005967.6 F.A.P. H.005967	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 Nelson Rd Ext & Bridge	$423,003
Contract No. 4400024660 Task Order No. 5 S.P. No. H.005967.6 F.A.P. H.005967	IDIQ Contract for Construction Engineering and Inspection Services (CE&I) with Majority of Work in District 03 I-10: JEFF DAV PL-I-49(OGFC/SLAB REPAIR)	$447,172

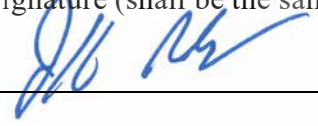
Raley and Associates, Inc.

BPPJ Standard Submittal Form

(May 2025)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Firm should fill in the BPPJ Standard Submittal Form provided without altering the text provided in the form. Firm should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	PARISH CONTRACT NO. 2025-118 ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD
2. Contract number(s) if shown in the advertisement	2025-118
3. State Project Number(s), if shown in the advertisement	H.003855
4. Firm name (as registered with the Louisiana Secretary of State where such registration is required by law)	RALEY AND ASSOCIATES, INC.
5. Firm license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS or American Institute of Certified Planners (AICP or other professional regulatory board, as applicable) if registration is required under Louisiana law)	EF.0003248
6. Mailing address	4913 SHED ROAD BOSSIER CITY, LA 71111
7. Name, title, phone number, and email address of firm's Contract Point of Contact	JEFF RALEY, P.E. OWNER/PRESIDENT 318-752-9023 JEFF@RALEYANDASSOCIATES.COM
8. Name, title, phone number, and email address of the official with signing authority for this proposal	JEFF RALEY, P.E. OWNER/PRESIDENT 318-752-9023 JEFF@RALEYANDASSOCIATES.COM
9. This is to certify that all information contained herein is accurate and true, and that I presently have sufficient staff to perform these services within the designated time frame.	Signature (shall be the same person as #8): 

In accordance with LA R.S. 39:1602.1, this is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm**	Date:06/13/2025

entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.	
I0. 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.	

11. Provide an organizational chart showing ALL relevant prime consultant and sub-consultant (if applicable) personnel assigned to each task of the contract, specific duties for each, and reporting lines for the purposes of this contract. (Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used.)

12. Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. The consultant should fill in the "Requirement" column with the MPRs given in the advertisement. Sub-consultants should put "See prime's BPPJ Standard Submittal Form." If the prime consultant and sub-consultant(s) provide conflicting information, the information given in the prime consultant's BPPJ Standard Submittal Form will be used. Add or remove rows as needed.

Requirement (as stated in advertisement)	Personnel being used to meet the requirement	Firm employed by	Type of license / certification required	License/ certification expiration date
See Prime's BPPJ Standard Submittal Form	Matthew Caraway	Raley and Associates, Inc	PLS.0005322	03/31/2026
See Prime's BPPJ Standard Submittal Form	Travis Sturdivant	Raley and Associates, Inc	PLS.0004632	09/30/2026
See Prime's BPPJ Standard Submittal Form	Travis Estess	Raley and Associates, Inc	PLS.0005074 PE.0039033	09/30/2026 09/30/2026
See Prime's BPPJ Standard Submittal Form	Jeff Raley	Raley and Associates, Inc	PE.0022831 PLS.0004630	09/30/2025 09/30/2025
See Prime's BPPJ Standard Submittal Form	Michael Kelsch	Raley and Associates, Inc	PE.0039496	09/30/2025

See Prime's BPPJ Standard Submittal Form	Reginald Lewis	Raley and Associates, Inc	PE.0029426 PLS.0004838	03/31/2027 03/31/2027
See Prime's BPPJ Standard Submittal Form	Jonathan Ratliff	Raley and Associates, Inc	PE.0048960	09/30/2026

13. Short resumes shall be provided for all of the personnel from your firm listed in Section 13 of the prime consultant's proposal. Add or remove rows as needed.

Name	Jeff Raley	Years of experience with this firm/employer	33
Title	Principal/Owner	Years of experience with other firm(s)/employer(s)	7

Degree(s) /Years/ Specialization	BS, Civil Engineering
Active registration number/ state/ expiration date	LA PE.22831 (09/30/2025) LA PLS.4630 (09/30/2025)
Year registered: 1987 / Discipline	Civil Engineering & Land Surveying
Contract role(s) / brief description of responsibilities	Project Management/Roadway Design/Surveying

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2022 – Current	City of Shreveport System Preservation - Served as project principal and QA/QC engineer on over 70,000 linear feet of multiple phases and projects of the City of Shreveport's Roadway Preservation Project. This included asphalt over, full depth reclamation, and complete roadway rebuilds.
01/1991 – Current	Long Lake Subdivision - 500 +/- Ac. Master planned community. Relevant design work includes the design of Streets, Drainage, several Sewer Lift Stations, thousands of feet of sanitary sewer and water mains, and thousands of feet of sanitary sewer force main. All improvements were designed to city standards, approved and now owned by Shreveport.
01/2001 – 01/2014	Norris Ferry Crossing - 60 Ac. residential subdivision. The design included 7,000+/- L.F. of streets and drainage, sewer and water lines, Duplex Lift Station, and force main to connect to the existing city's forcemain. The design and construction was completed to the city of Shreveport's standards and is now owned and operated by the city.
01/2000 – 01/2018	St. Charles Place Subdivision - 126+/- Ac. subdivision. The design includes over 5,000 feet of streets, drainage, sanitary sewer and water lines, a Duplex Lift Station and force main to the existing Shreveport Sewer System (since removed for regional sewer lift station). The design and construction was completed to the city of Shreveport's standards and is now owned and operated by the city.
01/2005 – Current	Tiburon Subdivision - 657 acre residential subdivision. Relevant design includes approximately 18,000 L.F. of streets, drainage, sanitary sewer and water lines. Design of two sanitary sewer lift stations. All design and construction met or exceeded the City of Bossier Standard Specifications.

Name I	Reggie Lewis	I Years of experience with this firm/employer	20
Title I	Project Engineer	I Years of experience with other firm(s)/employer(s)	14

Degree(s) /Years/ Specialization	BS, Civil Engineering AS, Land Surveying Technology
Active registration number/ state/ expiration date	LA PE.29426 (03/31/2027) LA PLS.4838 (03/31/2027)
Year registered I 2001 I Discipline	Civil Engineering & Land Surveying
Contract role(s) / brief description of responsibilities	Surveying/Roadway Design

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2021 – 12/2021	Simpson Acres Subdivision - Design of 2,700 linear feet of residentail street paving and drainage improvments.
01/2000 – 01/2018	St. Charles Place Subdivision - 126+/- Ac. subdivision. The design includes over 13,000 feet of residential street and drainage design.
01/2002 – 01/2010	Long Lake Units 16-22 - Design engineer for a residential subdivision. Relevant design includes approximately 8,000 L.F. of residential streets and drainage. All design and construction complied with the City of Shreveports standard plans and specifications.
01/2005 – Current	Tiburon Subdivision - 657 acre residential subdivision. Relevant design includes approximately 18,000 L.F. of streets, drainage, sanitary sewer and water lines. Design of two sanitary sewer lift stations. All design and construction met or exceeded the City of Bossier Standard Specifications.
01/2003 – 01/2015	Rosedale Subdivision - 107+/- Ac. Residential Subdivision with over 340 homes. The development has over 8,000' +/- linear feet of street and drainage design. All design and construction complied with the City of Bossier City Standard Specifications.

Name I	Travis Estess	I Years of experience with this firm/employer	12
Title I	Project Engineer	I Years of experience with other firm(s)/employer(s)	6

Degree(s) /Years/ Specialization	BS, Civil Engineering
Active registration number/ state/ expiration date	LA PE.39033 (09/30/2026) LA PLS.5074 (09/30/2026)
Year registered I 2014 I Discipline	Civil Engineering & Land Surveying
Contract role(s) / brief description of responsibilities	Project Management/Roadway Design

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2017 – 01/2020	Innovation Drive - Served as the design engineer on the 3 phases of Innovation Drive responsible for Streets and Drainage. The design includes over 11,000 linear feet of 2 or 3 lane concrete roadway and subsurface drainage. Major drainage improvements to Benoit Bayou Lateral were also preformed as a part of the project.
01/2017 – 01/2019	Fairburn Ave. Extension - Provided 3,500 linear feet of design for the new three lane concrete roadway. The project included miscellaneous drainage, water, and sewer design. Also included was several thousand feet of a new ditch improvements to connect to Flat River.
01/2017 – 01/2019	Benton Road Turn Lane at Kingston Road - Served as Project Engineer for the design and construction of approximately 800 L.F. of new DOTD turn lane construction on Benton Road (LA Hwy. 3.). All design met LA-DOTD standards.
01/2022 – Current	COS FDR Project – Served as project manager and design engineer on over 12,000 linear feet of hot mix asphalt roadway to be full depth reclaimed in Shreveport with a total construction cost of $6,300,000.00
01/2022 – Current	COS Downing Street Pavement Rehabilitation – Served as project manager and design engineer on the complete removal and replacement of over 1,000 linear feet of concrete roadway, replaced with a 9” CRCP section with a construction cost of $1,000,000.

Name I	Michael Kelsch	I Years of experience with this firm/employer	6
Title I	Project Engineer	I Years of experience with other firm(s)/employer(s)	6

Degree(s) /Years/ Specialization	BS, Civil Engineering
Active registration number/ state/ expiration date	LA PE.39496 (09/30/2025)
Year registered I 2015 I Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway Design

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2013 – 01/2015	Kingston Crossing Apartments - Designed approximately 3,100 L.F. of sanitary sewer, Sanitary Sewer Lift Station, and over 700 L.F. of 6" Sanitary Sewer Forcemain. The sewer system will serve 280 apartments. Ensured all design and construction met all applicable standards.
01/2014 – 01/2015	Rosedale Subdivision (Unites 13-15) - Served as Project Engineer for the design and construction of approximately 1,500 L.F. of sanitary sewer. Monitored daily construction activities and inspections. Coordinated with Bossier City Engineers, Inspectors, and local contractors to ensure design and construction was built in accordance with city standards and specifications.
01/2012 – 01/2013	Le Rivage Apartments - Designed approximately 1,800 L.F. of sanitary sewer. Monitored daily construction activities and inspections. Coordinated with Bossier City Engineers, Inspectors, and local contractors to ensure design and construction was built in accordance with city standards and specifications.
01/2013 – 01/2015	Norris Ferry Crossing (Units 8-9) - Served as Project Engineer for the design and construction of approximately 1,600 L.F. of sanitary sewer to serve approximately 200 residents. Monitored daily construction activities and inspections. Coordinated with Shreveport Engineers, Inspectors, and local contractors to ensure design and construction was built in accordance with city standards and specifications.

Name I	Travis Sturdivant	I Years of experience with this firm/employer	23
Title I	Land Surveyor	I Years of experience with other firm(s)/employer(s)	20

Degree(s) /Years/ Specialization	N/A
Active registration number/ state/ expiration date	LA PLS.4632 (09/30/2026)
Year registered I 1990 I Discipline	Land Surveying
Contract role(s) / brief description of responsibilities	Surveying

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2017 - Current	Shreveport MSA - Performed a 4.5 mile elevation control loop survey. Performed topographic surveying and mapping on 2.25 miles of existing sewer lines. Created plan and profile sheets of 2.25 miles of existing sewer, water, streets and drainage.
01/2018 – 06/2019	Shreveport Misc. Water/Sewer - Performed topographic surveying and mapping on 1,500 feet of proposed sewer lines. Created plan and profile sheets of 1,500 feet of proposed sewer line, streets and drainage. Performed topographic surveying and mapping a quarter acre site for the replacement of an existing lift station site. Created plan sheet of a quarter acre site for the replacement of an existing lift station site.
01/2014 – 01/2017	Lost River Subdivision - Performed Existing Topographic Survey on 115 Acre Tract to be used for Design Purposes. Provided Construction Layout for construction of Improvements. Produced As-Built surveys as required and needed after construction.
01/2005 – 01/2017	Tiburon Subdivision - Performed Existing Topographic Survey on 60 Acre Tract to be used for Design Purposes. Provided Construction Layout for construction of Improvements. Produced As-Built surveys as required and needed after construction.
01/2000 – 01/2018	Long Lake Subdivision - Performed Existing Topographic Survey to be used for Design Purposes. Provided Construction Layout for construction of Improvements. Produced As-Built surveys as required and needed after construction.

Name I	Jonathan Ratliff	I Years of experience with this firm/employer	1
Title I	Project Engineer	I Years of experience with other firm(s)/employer(s)	6

Degree(s) /Years/ Specialization	MSE – Civil Engineering
Active registration number/ state/ expiration date	LA PE.48960 (09/30/2026)
Year registered I 2024 I Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway Design

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2023 – Current	David Raines Roadway Rehab - Civil designer and project manager responsible for providing engineering design services for approximately 0.70 miles of roadway and sidewalk/ramp replacement along David Raines Road in Shreveport, Louisiana. Primary responsibilities included horizontal geometric design, roadway grading, striping design, traffic control phasing, ADA ramp design, drafting services, OPCC, and spec development.
01/2024 – Current	Linwood Ave. Phase 3 - Civil designer and project manager responsible for providing engineering design services for approximately 1 mile of roadway and sidewalk replacement with drainage system repairs along Linwood Avenue in Shreveport, Louisiana. Primary responsibilities included horizontal geometric design, roadway grading, striping design, traffic control phasing, railroad coordination, drafting services, OPCC, permitting, and LaDOTD comment revisions.
02/2020 – 05/2020	Peachtree Road Bridge Replacement, Dubberly, Louisiana – Civil designer for Peachtree Road bridge replacement in Webster Parish, Louisiana. Responsible for performing hydrologic and hydraulic study for bridge analyzing flows in a 10, 50, 100, and 500 year storm events, and developing a hydraulic model for creek intercepted by Peachtree bridge. Responsible for the design of timber superstructure, timber substructure, and timber piling, and writing report for submittal to Webster Parish.
01/2019 – 08/2019	Dorcheat Road Bridge Replacement, Minden, Louisiana – Civil designer for Dorcheat Road bridge replacement in Webster Parish, Louisiana. Responsible for performing hydrologic and hydraulic study for bridge analyzing flows in a 10, 50, 100, and 500 year storm events, and developing hydraulic model of Cow Creek and Bayou Dorcheat. Responsible for design of approach roadways on both sides of bridge, bridge superstructure and substructure design based on LADOTD standard slab-span superstructures, and writing report for submittal to Webster Parish.
01/2021 – 06/2022	Shreveport Gary/Winston Street - Civil designer for approximately 1,000 linear feet of roadway improvements which included roadway geometric layout, sidewalk additions, pavement marking design, and traffic control design with a construction bid total of $616,342,50. Responsible for horizontal and vertical roadway design, drafting services, construction phasing, and city comment revisions.

Name I	Matthew Caraway	I Years of experience with this firm/employer	20
Title I	Land Surveyor	I Years of experience with other firm(s)/employer(s)	0

Degree(s) /Years/ Specialization	BS – General Studies
Active registration number/ state/ expiration date	LA PLS.5322 (03/31/2026)
Year registered I 2023 I Discipline	Land Surveying
Contract role(s) / brief description of responsibilities	Surveying

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract
01/2025 – Current	BPPJ Espanita Ditch Project - Established existing rights of way and performed existing topographic survey for design of a 1,500LF new ditch/culvert system.
11/2024 - Current	Rick Roberts Hwy 157 and Bellevue Project – Established existing rights of way and lots in the original Town of Bellevue. Located and established tacit rights of way of existing roads to be dedicated in the future.
10/2024 – 12/2024	Thomas Apartments in Natchitoches Project- Worked with the City of Natchitoches to close and abandon existing rights of way and to dedicate new rights of way. Performed topographic survey of entire premises for design purposes.
01/2022 – 02/2022	COS Ford St. Water Line Project – Performed topographic survey for design of a new 6,500LF water main.
02/2018 – 06/2018	COS 2-QB3-MSA Project – Drafted maps and legal descriptions for the acquisition of 17 servitudes for new sewer lines. Performed topographic surveys for the design of new sewer lines.

*14. List firm's project experience **most relevant** to the scope in the advertisement. The firm should list **no more than 10 projects** and should include **no more than one page per project.** If more than 10 projects are listed, the additional projects may be discarded prior to providing the proposals to the Project Evaluation Team for grading. Projects listed shall only include work performed by the firm. Work performed by employees of the firm during their employment by another firm shall not be included in this section. The projects listed do not necessarily need to have been BPPJ projects.*

Project name	COS FDR Project	Firm responsibility (prime or sub?)	prime
Project number	2022-1931	Owner's name	City of Shreveport
Project location	Shreveport	Owner's Project Manager	David Smith
Owner's address, phone, email	505 Travis Street, Shreveport, LA / 318-673-6000 / David.Smith@shreveportla.gov		
Services commenced by this firm (01/2022)		Total consultant contract cost ($1,000's)	$6,000,000
Services completed by this firm (Current)		Cost of consultant services provided by this firm ($1,000's)	$445,000

EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	1

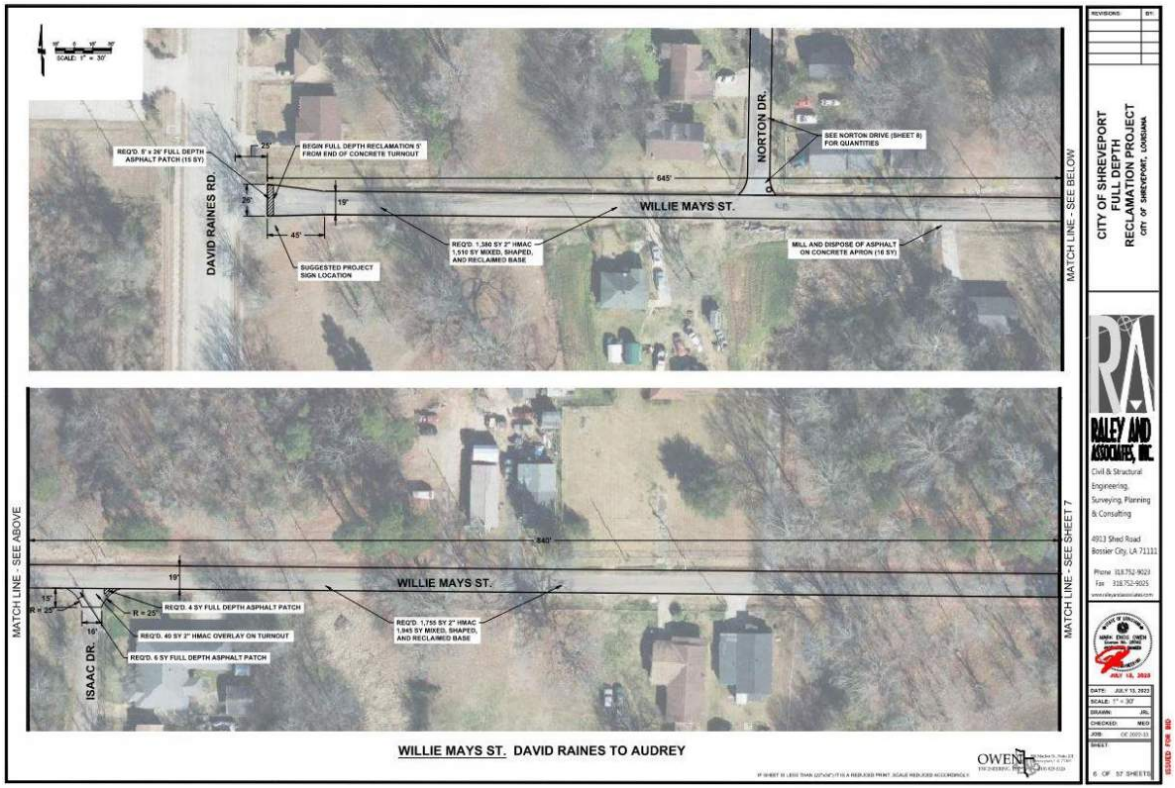
21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of Shreveport Full Depth Reclamation Project *Shreveport, LA*	**2022**	**Current**

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Shreveport	**Mr. David Smith**	**318-673-6000**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project is the first Full Depth Reclamation Project constructed in the City of Shreveport. Raley and Associates, with our sub-consulants Owen Engineering and DR Geosciences, provided the City of Shreveport with over $6,300,000 of Full Depth Reclamation Project similar to the solicitation. The project was recently let and is currently being constructed. The low bidder on this project was Benton and Brown. The project included over 15,000 l.f. of roadway improvements within the City of Shreveport roadway network. This project utilizied our aerial drone technology to decrease the project timeline. Raley and Associates, along with our team, was involved in all aspects of the project from intial design report to project close out.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	**Raley and Associates**	**Bossier City, LA**	**Prime**

EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	2

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of Shreveport System Preservation Overlay Project *Shreveport, LA*	**2022**	**2023**

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Shreveport	**Mr. David Smith**	**318-673-6000**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of around 10 miles of various Hot Mix Asphalt Patching, Milling and Overlay, and Drainage Improvements within the City of Shreveport Roadway network. The project was recently completed by Ernest Construction with a base bid of over $6,000,000. Each individual street was analyzed by our team for deficiencies and the best rehabilitation method was selected for each street. Roadway borings were performed on a limited number of streets and a finalized pavement section was determined. Raley and Associates, along with our team, was involved in all aspects of the project from intial design report to project close out.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	**Raley and Associates**	**Bossier City, LA**	**Prime**

Project name	COS Downing Street	Firm responsibility (prime or sub?)	prime
Project number	2022-1931	Owner's name	City of Shreveport
Project location	Shreveport	Owner's Project Manager	David Smith
Owner's address, phone, email	505 Travis Street, Shreveport, LA / 318-673-6000 / David.Smith@shreveportla.gov		
Services commenced by this firm (01/2022)		Total consultant contract cost ($1,000's)	$1,415,000
Services completed by this firm (Current)		Cost of consultant services provided by this firm ($1,000's)	$445,000

EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	3

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Downing Street Pavement Improvements Project *Shreveport, LA*	**2022**	**Current**

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Shreveport	**Mr. David Smith**	**318-673-6000**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consists of a complete removal and replacement of approximately 1,050 linear feet of existing concrete roadway. The project is located in Shreveport's Martin Luther King area which is notorious for very poor soils. The concrete roadway was replaced with 9" of new concrete roadway that is fully reinforced with #4 bars at 18" on center each way. The project is close to completion with a low bid by Turner and Turner Constructing with a bid of $972,000.00.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	**Raley and Associates**	**Bossier City, LA**	**Prime**

Project name	Innovation Drive	Firm responsibility (prime or sub?)	prime
Project number	23-16	Owner's name	City of Bossier
Project location	Bossier City	Owner's Project Manager	Ben Rauschenbach
Owner's address, phone, email	620 Benton Road Bossier City, LA / 318-741-8500 / benjamin.rauschenbach@waggonereng.com		
Services commenced by this firm	(01/2022)	Total consultant contract cost ($1,000's)	$10,000,000
Services completed by this firm	(Current)	Cost of consultant services provided by this firm ($1,000's)	$400,000

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **5**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Innovation Drive *Bossier City, LA*	**2017**	**2018-2020**

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Bossier City	**Mr. Ben Rauschenbach**	**318-458-4188**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Innovation Drive is a 11,300 linear feet roadway that will connects Swan Lake Road to Airline Drive. The roadway plans consist of a 3-lane concrete curb and gutter roadway with associated drainage improvements. All design and construction were the Louisiana Department of Transporation and Development Standards. Also included was over 5,000 linear feet of major drainage improvements to Benoit Bayou Lateral and Benoit Bayou. The final construction cost for the entire project was over $10,000,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	**Raley and Associates**	**Bossier City, LA**	**Prime**

15. Provide any additional information or description of resources supporting your firm's qualifications for the proposed contract including information that your firm has adequate staffing to complete the contract and a description of how your firm intends to meet any specialized requirements as may be provided in the advertisement for the contract. This section should be limited to four pages. If more than four pages are included, all pages after the fourth page may be discarded prior to providing the proposals to the Project Evaluation Team for grading.

Firm Overview

RALEY AND ASSOCIATES
ENGINEERING & SURVEYING
4913 SHED ROAD
BOSSIER CITY, LA 71111
www.raleyandassociates.com

Raley and Associates, Inc. was founded in 1981 as Ronald E. Smith, P.E. and became Smith and Raley, Inc. in 1991. The firms' name changed to Raley and Associates, Inc. in 2005. We provide civil and structural engineering services throughout Louisiana, and all across the south. We have established clients from both the public and private sectors. Our projects have ranged from residential subdivisions to multi-faceted commercial projects such as hospitals, hotels, schools, and shopping centers.

Our firm is located in the Shreveport-Bossier City Metropolitan area. We currently have 6 civil engineers with 3 being dual licensed civil engineers and land surveyors and two engineer interns. We also have two professional land surveyors. While the majority of our work is civil related, on many projects, we serve both as the civil and structural engineers.

Our firm has been involved in private, municipal, and industrial projects for over 30 years. We have designed countless projects over the last 43 years of various sizes and scopes. Our most common designs are development of construction plans consisting of; Roadway Plans, Site Plans, Paving Plans, Grading and Drainage Plans, Utility Plans, Water and Sewer Plans, Sanitary Sewer Lift Station and Force main Plans.

We have had a full time surveying staff since 1991. The company has a total of 5 licensed surveyors with three of our licensed civil engineers being dual licensed as professional land surveyors. Our survey experience includes boundary surveys, topographic surveys, FEMA map cross-sections, flood plain cross sections, and construction layout. We use the latest GPS and robotic total station equipment and typically run two full time surveying crews and can add an additional 3rd crew if needed.

Our personnel have over 100 years of combined civil, structural, and surveying experience. Using the latest, most high-tech engineering and surveying software, allows our firm to decrease the production time between conceptual designs to finished products.

WE ARE LOCAL

ENGINEERING

SURVEYING

INSPECTION

QA/QC

16. For all contracts on which your firm is a prime consultant or sub-consultant and where a) the consultant selection was made by the BPPJ and DOTD, and b) a contract was executed by the prime consultant with the BPPJ or DOTD by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) your firm is responsible for the performance of the work;

2) authorization to perform the work has been provided, as provided in the contract between the prime consultant and the BPPJ or DOTD;

3) the work has not yet been performed, invoiced, and paid; and

4) the work is not currently suspended for an indefinite period of time.

List only the portion of the fees attributable to your firm. Add or remove rows as needed.

All dollar amounts shall be shown in thousands of dollars, rounded to the nearest thousand.

State Project Number	Project name and location	Remaining unpaid balance ($1,000's)
	Total	

Certifications

20. Certifications

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

Mr. Herbert Eugene Moore II

License/Certificate Type - Number

PE.0031065

Status: Active Exp Date: 09/30/2026

Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Trafficware
Engineered by Naztec

April 6, 2016

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

Subject: Trafficware Certification

Mr. Bert Moore,

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

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

Sincerely,

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

Mr. Brennon Gilbert Hughes

License/Certificate Type - Number
PE.0039985

Expiration Date
03/31/2026

Status: Active

Certificate of Attendance

presented to

Brennon Hughes

for attending

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

16 Professional Development Hours

June 5-6, 2018

Baton Rouge, Louisiana

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Certificate of Training

PRESENTED BY

Louisiana Local Technical Assistance Program

TO CERTIFY THAT

Brennon Hughes

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Safety of Vulnerable Road Users Workshop

Director, LTAP

LOCAL TECHNICAL ASSISTANCE PROGRAM LTAP LOUISIANA TRANSPORTATION RESEARCH CENTER

August 22nd, 2023
Date

New Orleans, Louisiana
Location

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

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

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

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

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

Mr. Richard Linton Savoie Jr.

License/Certificate Type - Number

PE.0020936

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

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

Mr. Ronnie Lee Robinson

License/Certificate Type - Number
PE.0024040

Expiration Date
03/31/2026

Status: Active

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

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

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

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

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

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

Mrs. Rebecca L. Murray

License/Certificate Type - Number
PE.0043788

Expiration Date
03/31/2026

Status: Active

Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Rebecca LaPorte Murray

for completing the

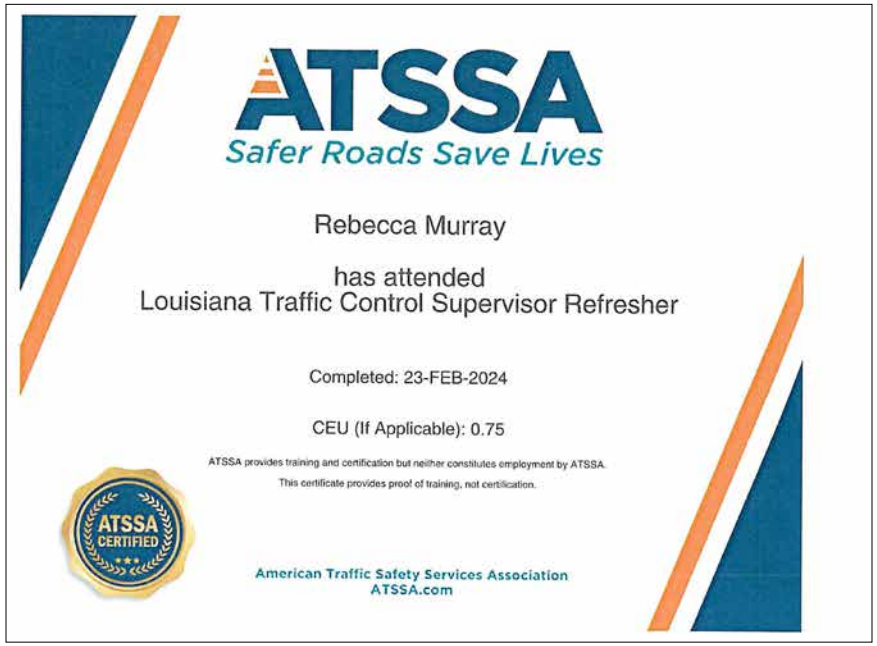
Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



ATSSA

Safer Roads Save Lives

Rebecca Murray

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 23-FEB-2024

CEU (If Applicable): 0.75

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

ATSSA CERTIFIED

American Traffic Safety Services Association
ATSSA.com

THE LEAGUE
OF AMERICAN BICYCLISTS

hereby makes it known that

Rebecca Murray

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

SMART CYCLING

Instructor and LCI Number 3370 Date 9/29/18

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

Mr. John Steven Weres

License/Certificate Type - Number

PE.0036429

Status: Active

Exp Date: 09/30/2025

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

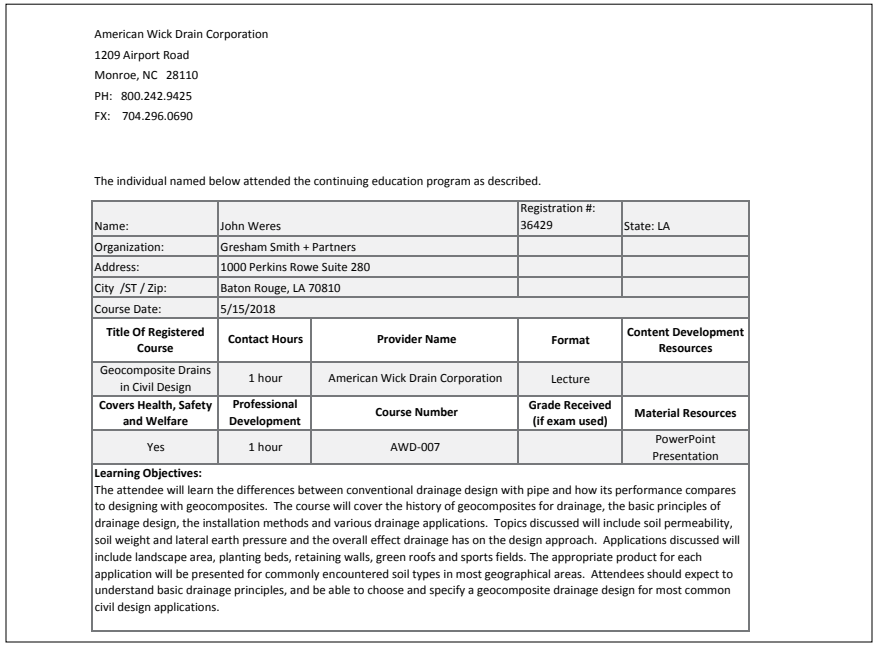
Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

ATSSA American Traffic Safety Services Association ATSSA.com



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

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

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

Learning Objectives:
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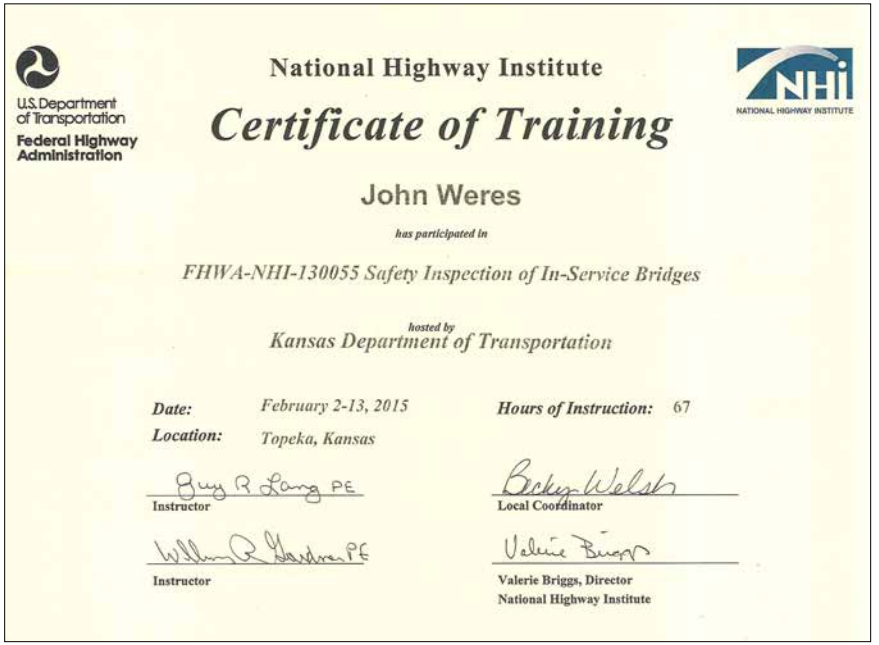


U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NHI NATIONAL HIGHWAY INSTITUTE

Certificate of Training

John Weres

has participated in

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

hosted by
Kansas Department of Transportation

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

Hours of Instruction: 67

Guy R. Lang PE
Instructor

Becky Welsh
Local Coordinator

William A. Gardner PE
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

John Weres

has participated in

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

hosted by
Kansas Department of Transportation

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

Guy R Lang PE
Instructor

Becky Welsh
Local Coordinator

William R Yeadon PE
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

JOHN WERES

has participated in

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

hosted by
LA DOTD/LTRC

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

Instructor

Allison H. Landry
Local Coordinator

Instructor

Michael Davies
Michael Davies, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

John Weres

has participated in

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

hosted by
Texas Department of Transportation

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

Instructor

Local Coordinator

Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

JOHN WERES

has participated in

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

hosted by

LA DOTD/LTRC

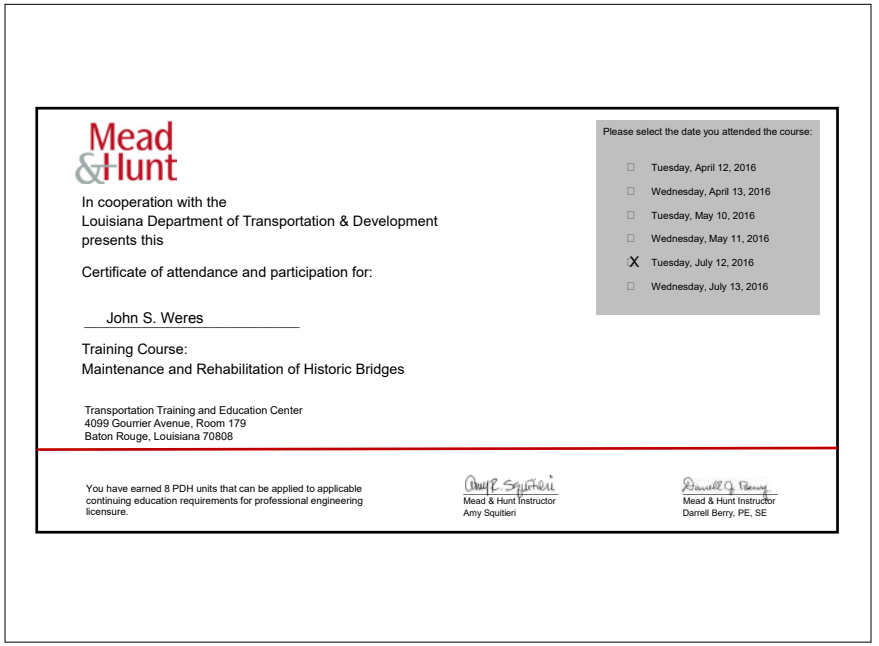
Date: February 26 – March 1, 2019 Hours of Instruction: 25
Location: Baton Rouge, LA

Instructor

Instructor

Allison H. Landry
Local Coordinator

Michael Davies, Director
National Highway Institute



Mead & Hunt

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

Certificate of attendance and participation for:

John S. Weres

Training Course:
Maintenance and Rehabilitation of Historic Bridges

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

Please select the date you attended the course:

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

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

Mead & Hunt Instructor
Amy Squitieri

Mead & Hunt Instructor
Darrell Berry, PE, SE

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

John Were

has participated in

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

hosted by

COLLIERS ENGINEERING & DESIGN

Date: October 28-29, 2021 Hours of Instruction: 12
Location: Miami, FL

Instructor

Instructor

Cory Joseph Hogan
Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

John Weres

has participated in

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

hosted by

Mississippi Department of Transportation

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

Instructor

Instructor

Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute

AMP SALES SERVICES, LLC
(540) 586-1021

Certificate of Completion

This certifies that

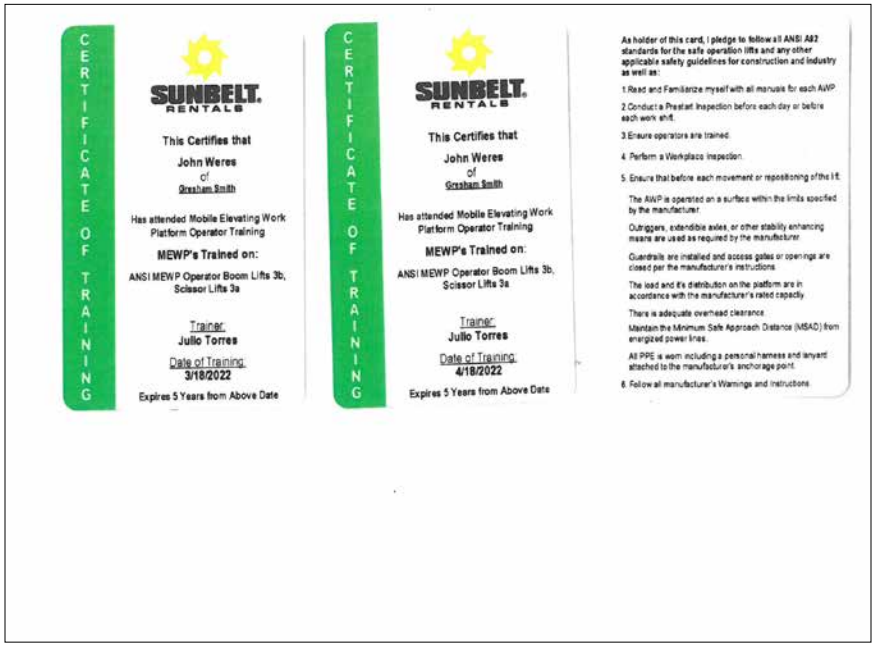
John Weres

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

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

Oct 10th, 2019 — Date
EXP: 10/10/24
Mark Luft, Trainer

www.ampservicesllc.com



CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
John Weres
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer:
Julio Torres

Date of Training:
3/18/2022

Expires 5 Years from Above Date

CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
John Weres
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer:
Julio Torres

Date of Training:
4/18/2022

Expires 5 Years from Above Date

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

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

Certificate of Training

this certifies that

John Weres

has successfully completed the training program requirements for

National Flagger Certification Training Course

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

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

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

Mr. Courtney Jermaine Rome

License/Certificate Type - Number

PE.0043355

Status: Active

Exp Date: 09/30/2025

U.S.Department of Transportation
Federal Highway Administration

Certificate of Training

Courtney J. Rome

has completed training in

-AASHTO LRFD Bridge Design Specifications (Zone 1 & 2)
-Guide Specifications for LRFD Seismic Bridge Design (SDC A & B)

Location: Little Rock, Arkansas
Dates: April 9, 2014

Hours of Instruction (PDH): **4.5**
Continuing Education Units: **0.45**

Derrell Manceaux, P.E.
Senior Structural Engineer
Federal Highway Administration
Resource Center

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

COURTNEY ROME

has participated in

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

hosted by

LA DOTD/LTRC

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

Hours of Instruction: 34

Instructor

Instructor

Local Coordinator

Michael Davies, Director
National Highway Institute

U.S.Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Courtney Rome

has participated in

FHWA-NHI-132070 Drilled Shaft Foundation Inspection

hosted by

Arkansas Highway and Transportation Department

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

Hours of Instruction: 14.0

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NHI
NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Courtney Rome

has participated in

FHWA-NHI-135095

Two-Dimensional Hydraulic Modeling of Rivers at Highway Encroachments

hosted by

Arkansas State Highway & Transportation Department

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

Hours of Instruction:
Each Day of Training = 7 Hours

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

CERTIFICATE OF ATTENDANCE

FTN ASSOCIATES, LTD.

Certifies that

Courtney Rome

of the Arkansas State Highway and Transportation Department
Little Rock, AR

Attended the 2-Hour Course

Overview of 1D and 2D Unsteady Flow Modeling

on

June 19, 2014

ftn
FTN Associates, Ltd.
3 Ironwood, Suite 220
Little Rock, AR 72211
(501) 225-7779

Marc C. Johnson, PE, CFM
Instructor

Certificate of Completion

This is to certify that

Courtney Rome

has successfully completed the presentation entitled,
Evaluation of Analysis Methods and Midas Civil Software
Adam Hall
July 27, 2016
2 Professional Development Hours

GARVER

09/28/2016
Authorized Signature Date

Operator Training Certificate

This is to certify that

COURTNEY ROME

has successfully achieved the high standards required for the operation of the following aerial work platforms

Special (SPECIAL)

Certificate No:
AOP/0020307
Date Issued:
09/08/2020
Expiry Date:
09/30/2025

Signed on behalf of the
International Powered Access Federation

Training Center where the course was conducted

AMP Sales and Services LLC

PAL
POWERED ACCESS LICENSING REGISTRATION
COURTNEY ROME
AOP/0020307
ISSUED 09/02/2020
EXPIRY DATE 09/30/2025
TYPES SPECIAL
IPAF

IPAF.org
The world authority in powered access
Training meets or exceeds ANSI/SAIA A 92.2, A92.22 and A92.24, CSA B354.7 and B354.8 and all relevant OSHA requirements.
PAL cards were formerly issued by IAWT Inc. in the US and Canada.
Warning: This certificate alone should not be accepted as proof of training. Only a current PAL Card provides proof of training and identity.

www.ipaf.org

Certificate of Training

this certifies that

Courtney Rome

has successfully completed

MASH Criteria Training

Presented by Trinity Highway Product and Gulf Material Sales

on April 13, 2016 in Little Rock Arkansas

Professional Development Hours (PDH) – 2

Signed Chuck Boyd

Chuck Boyd, P.E.

Date 4-13-16

Mead & Hunt

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

Certificate of attendance and participation for:

Courtney Rome

Training Course:
Maintenance and Rehabilitation of Historic Bridges

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

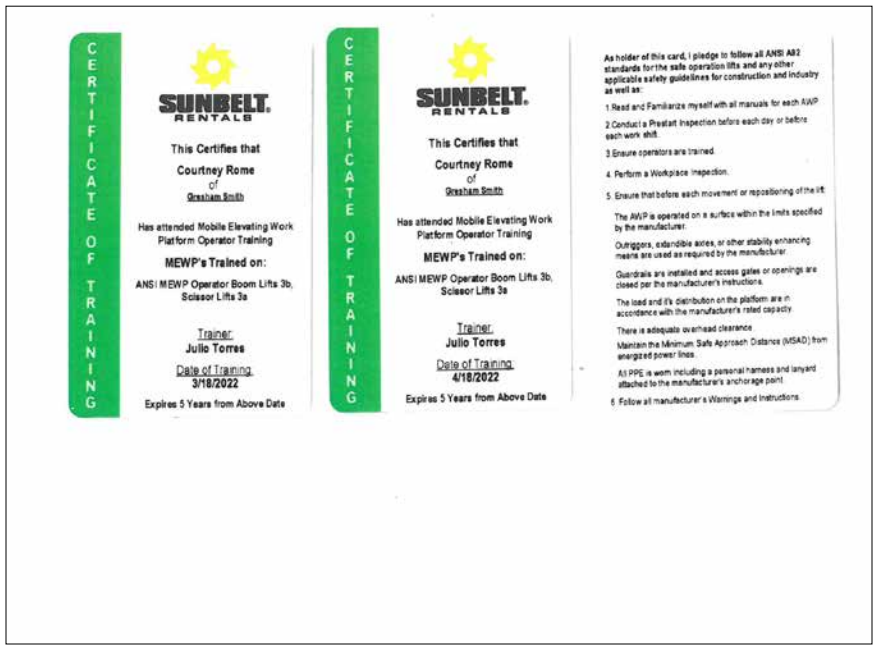
Please select the date you attended the course:

- ☐ Tuesday, May 1, 2018
- ☑ Wednesday, May 2, 2018

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

Mead & Hunt Instructor
Amy Squitieri

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



CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
Courtney Rome
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer:
Julio Torres

Date of Training:
3/18/2022

Expires 5 Years from Above Date

CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
Courtney Rome
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer:
Julio Torres

Date of Training:
4/18/2022

Expires 5 Years from Above Date

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

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

TEMPORARY CERTIFICATE IS AWARDED TO

COURTNEY ROME

Has successfully completed a flagger training course meeting the requirement of the

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

APR 30, 2025

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

191-57-126614

Enter the code to verify this certificate is an original at

https://process.onlineflagger.com/duplicate

ATSSA Serial Number will show here once we process your card. Please check back here in a few days if there is no number listed below.

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Courtney Rome

has attended

Traffic Control Supervisor-LA State Specific

Training Course

8/3/2022 to 8/3/2026
Training Valid Through

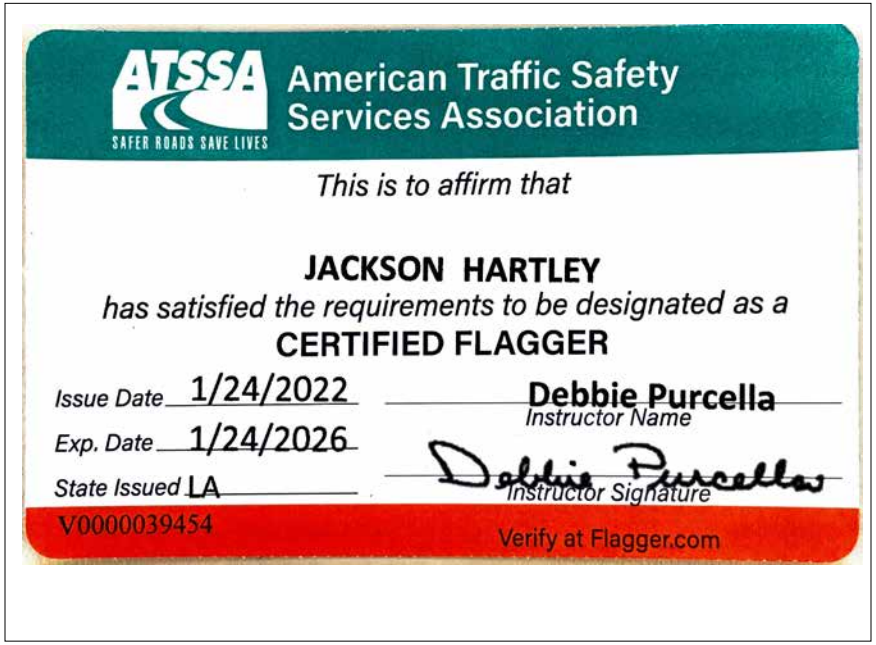
Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com



ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

JACKSON HARTLEY

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 1/24/2022 — **Debbie Purcella** *Instructor Name*

Exp. Date 1/24/2026

State Issued LA — *Instructor Signature*

V0000039454

Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jackson Hartley
has attended
Traffic Control Supervisor-LA State Specific
Training Course

8/3/2022 to 8/3/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

JACKSON HARTLEY

has Successfully Completed

FHWA-NHI-130055

Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC

Date: May 15-26, 2023 *Hours of Instruction:* 67

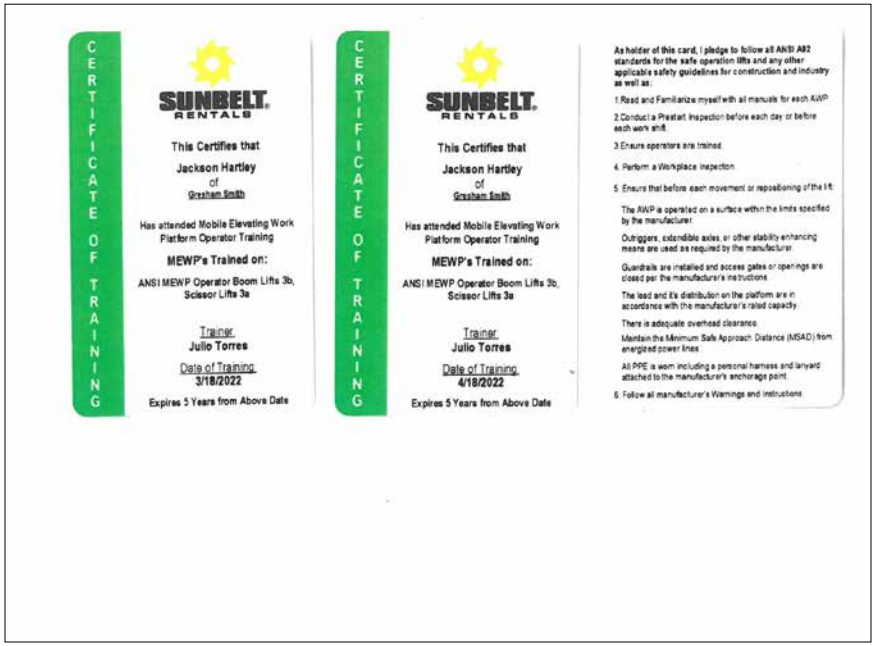
Location: Baton Rouge, LA

Instructor

Allison H. Landry
Local Coordinator

Instructor

Stacey J. Caston
Stacey J. Caston, Acting Director
National Highway Institute



CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
Jackson Hartley
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer
Julio Torres

Date of Training
3/18/2022

Expires 5 Years from Above Date

CERTIFICATE OF TRAINING

SUNBELT RENTALS

This Certifies that
Jackson Hartley
of
Gresham Smith

Has attended Mobile Elevating Work Platform Operator Training

MEWP's Trained on:

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

Trainer
Julio Torres

Date of Training
4/18/2022

Expires 5 Years from Above Date

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

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

Congratulations!
Zillah Zoleta

You have completed

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

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

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

ZILLAH ZOLETA

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

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

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000178090 Verify at Flagger.com

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Zillah Zoleta

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Safety of Vulnerable Road Users Workshop

Steven C. Brumfield
Director, LTAP

LOCAL TECHNICAL ASSISTANCE PROGRAM LTAP LOUISIANA TRANSPORTATION RESEARCH CENTER

August 22nd, 2023
Date

New Orleans, Louisiana
Location

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

Mr. Alben Paul Cooper III

License/Certificate Type - Number
PE.0036291

Expiration Date
09/30/2025

Status: Active

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA
SAFER ROADS SAVE LIVES

American Traffic Safety Services Association

This is to affirm that

KOFI AMPOFO-TWUMASI

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/31/2023

Exp. Date 5/31/2027

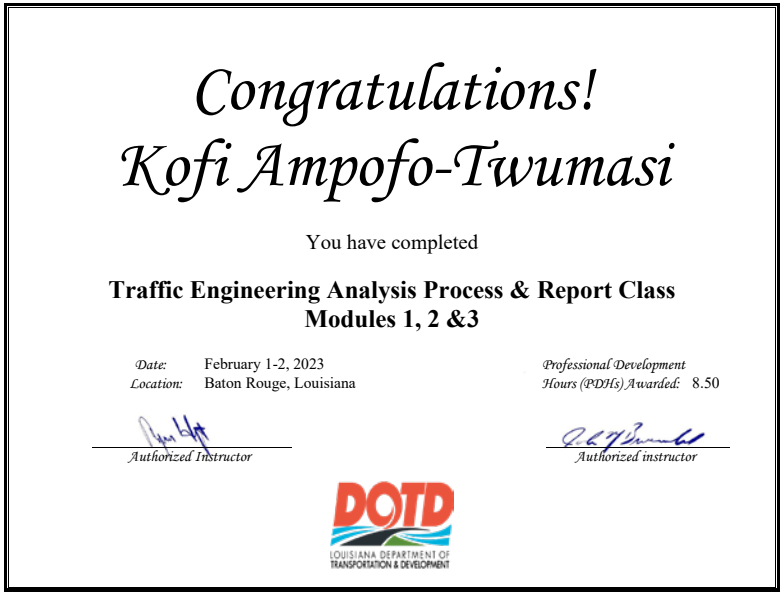
State Issued LA

Debbie Purcella
Instructor Name

Debbie Purcella
Instructor Signature

V0000177925

Verify at Flagger.com



Congratulations!
Kofi Ampofo-Twumasi

You have completed

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

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

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

Mr. Sergio L. Aviles

License/Certificate Type - Number

PE.0033571

Status: Active Exp Date: 03/31/2026

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

Mr. Sairam Venkata Eddanapudi

License/Certificate Type - Number

PE.0035129

Status: Active Exp Date: 03/31/2026

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

Mr. Surendra Raj Pathak

License/Certificate Type - Number

PE.0043487

Status: Active Exp Date: 09/30/2025

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

Mr. Daniel Thomas Thornhill

License/Certificate Type - Number

PE.0032367

Status: Active Exp Date: 09/30/2026

LOUISIANA PROFESSIONA
ENGINEERING & LAND SURVEYING BOAR
(LAPEL
9643 Brookline Avenue, Suite 12
Baton Rouge, LA 7080
Phone (225) 925-629
www.lapels.co

Mr. Brandon Thomas Pitre

icense/Certificate Type - Number

E.0040975

atus: Active Exp Date: 03/31/2027

LOUISIANA PROFESSIONA
ENGINEERING & LAND SURVEYING BOARD
(LAPELS
9643 Brookline Avenue, Suite 12
Baton Rouge, LA 7080
Phone (225) 925-629
www.lapels.con

Mr. Lloyd Raymond Erikson III

icense/Certificate Type - Number

E.0031061

tatus: Active Exp Date: 03/31/2026

LOUISIANA PROFESSIONA
ENGINEERING & LAND SURVEYING BOAR
(LAPEL
9643 Brookline Avenue, Suite 12
Baton Rouge, LA 7080
Phone (225) 925-629
www.lapels.co

Mr. Layton Reed Breithaupt

icense/Certificate Type - Number

E.0048097

tatus: Active Exp Date: 03/31/2026

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

Mr. Jeffrey D. McRae

License/Certificate Type - Number

PE.0034554

Status: Active Exp Date: 09/30/2025

LOUISIANA PROFESSIONA
ENGINEERING & LAND SURVEYING BOAR
(LAPEL
9643 Brookline Avenue, Suite 1
Baton Rouge, LA 708
Phone (225) 925-62
www.lapels.co

Mr. Shalin K. Sheth

cense/Certificate Type - Number

E.0048337

atus: Active Exp Date: 03/31/2026

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brandon Pitre
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alexis Harrouch
has attended
Traffic Control Technician-LA State Specific
Training Course

8/2/2022 to 8/2/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alexis Harrouch
has attended
Traffic Control Supervisor-LA State Specific
Training Course

8/3/2022 to 8/3/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association

This is to affirm that

BRANDON PITRE

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 12/20/2023
Exp. Date 12/20/2027
State Issued LA

Debbie Purcella
Instructor Name

Instructor Signature

Verify at Flagger.com

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brandon Pitre

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

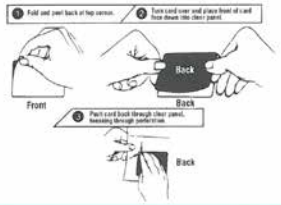
Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Donna M. Clark

VP of Education and Technical Services

Laminating the front of your card with Dual Laminate:



ATSSA American Traffic Safety Services Association

This is to affirm that

DANIEL THORNHILL

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 5/26/2023 Debbie Purcella
Instructor Name
Exp. Date 5/26/2027
State Issued LA
Instructor Signature
V0006178192 Verify at Flagger.com

American Traffic Safety Services Association

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Daniel Thornhill
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

TPCB

The Transportation Professional Certification Board

Certifies that

Brandon T. Pitre, P.E., PTOE, RSP1

successfully holds the Professional Traffic Operations Engineer® certification

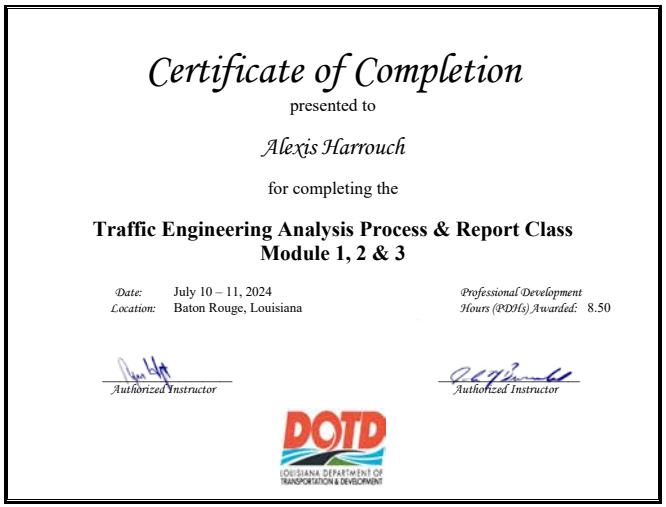
Original Certification Date: 7/9/2024

Certification Valid Through: 7/9/2027

Steve Kuciemba,
Executive Director and CEO

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

Certification Number: 5756



Certificate of Completion

presented to

Alexis Harrouch

for completing the

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

Date: July 10 – 11, 2024
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

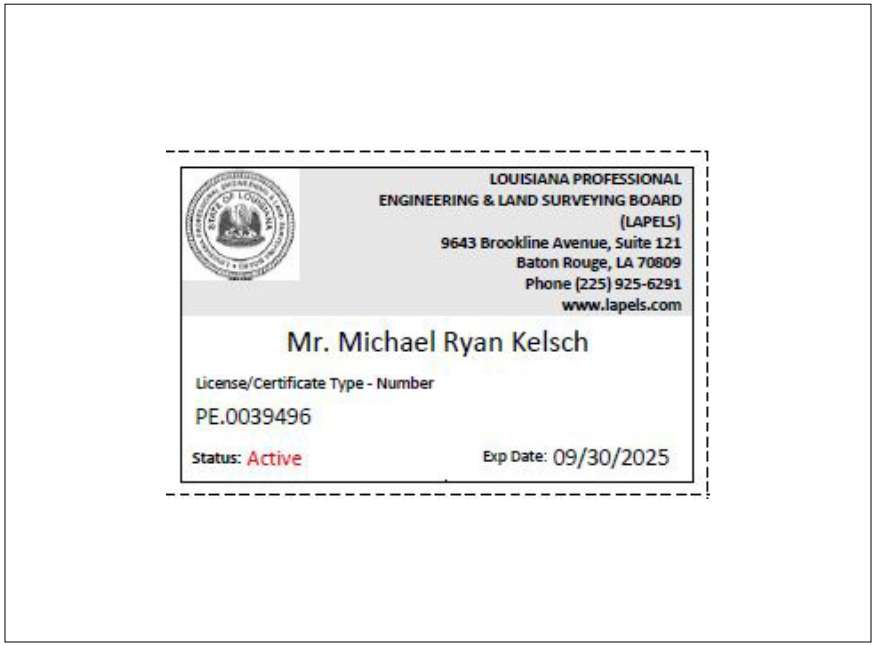
Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Matthew Price Caraway
License/Certificate Type - Number
PLS.0005322
Status: Active
Exp Date: 03/31/2026


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Travis Ryan Estess
License/Certificate Type - Number
PE.0039033
Status: Active
Exp Date: 09/30/2026


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Michael Ryan Kelsch
License/Certificate Type - Number
PE.0039496
Status: Active
Exp Date: 09/30/2025


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Reginald Dean Lewis
License/Certificate Type - Number
PE.0029426
Status: Active
Exp Date: 03/31/2027


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Frank Jeffrey Raley
License/Certificate Type - Number
PE.0022831
Status: Active
Exp Date: 09/30/2025


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Jonathan Grant Ratliff
License/Certificate Type - Number
PE.0048960
Status: Active
Exp Date: 09/30/2026


LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Travis A. Sturdivant
License/Certificate Type - Number
PLS.0004632
Status: Active
Exp Date: 09/30/2026

State of Louisiana
Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

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

Previous Names

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

Business: GRESHAM SMITH
Charter Number: 36123793L
Registration Date: 2/17/2006
Domicile Address
DOMICILE: TENNESSEE
OFFICE: NASHVILLE, TENNESSEE
Mailing Address
222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TN 37201
Principal Business Office
222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TN 37201
Registered Office in Louisiana

Principal Business Establishment in Louisiana
10000 PERKINS ROWE, SUITE G280
BATON ROUGE, LA 70810

Status

Status: Active
Registered: 2/17/2006
Last Report Filed: 2/29/2024
Type: Partnership (Non-Louisiana)

Registered Agent(s)

Agent: NATIONAL REGISTERED AGENTS, INC.
Address 1: 3867 PLAZA TOWER DR.
City, State, Zip: BATON ROUGE, LA 70816

9/19/24, 2:20 PM Commercial - Search

Appointment Date: 2/17/2006

Officer(s)

Additional Officers: No

Officer: GS&P, INC.
Title: General Partner
Address 1: 222 SECOND AVENUE SOUTH
Address 2: SUITE 1400
City, State, Zip: NASHVILLE, TN 37201

Officer: GS&P II, INC.
Title: General Partner
Address 1: 222 2ND AVENUE SOUTH, SUITE 1400
City, State, Zip: NASHVILLE, TN 37201

Officer: GS&P III, INC.
Title: General Partner
Address 1: 222 2ND AVENUE SOUTH, SUITE 1400
City, State, Zip: NASHVILLE, TN 37201

Amendments on File (7)

Description	Date
Stmt of Chg or Chg Prin Bus Off	7/7/2008
Stmt of Chg or Chg Prin Bus Off	9/19/2008
Stmt of Chg or Chg Prin Bus Off	1/28/2013
Amendment	2/11/2013
Stmt of Chg or Chg Prin Bus Off	10/30/2013
Stmt of Chg or Chg Prin Bus Off	10/18/2015
Name Change	9/27/2018

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State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: APS ENGINEERING AND TESTING, LLC
Charter Number: 40911984K
Registration Date: 8/9/2012
Domicile Address
1645 NICHOLSON DR
BATON ROUGE, LA 70802
Mailing Address
5261 HIGHLAND RD. #320
BATON ROUGE, LA 70808

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/9/2012
Last Report Filed: 7/16/2024
Type: Limited Liability Company

Registered Agent(s)

Agent: SERGIO AVILES
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 6/25/2018

Officer(s)

Additional Officers: No

Officer: SERGIO AVILES
Title: Member
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
3/25/2022	**3/25/2022**	**MERGE**	**40911984K**	**APS ENGINEERING AND TESTING, LLC**	**SURVIVOR**
			37100062K	APS DESIGN AND TESTING, L.L.C.	NON-SURVIVOR

Amendments on File (3)

Description	Date
Domestic LLC Agent/Domicile Change	11/15/2017
Domestic LLC Agent/Domicile Change	6/25/2018
Merger	3/25/2022

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State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

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

Previous Names

MICHAEL BAKER, JR., INC. (Changed: 7/6/2015)

Business: MICHAEL BAKER INTERNATIONAL, INC.
Charter Number: 30035020F
Registration Date: 12/29/1972

Domicile Address
500 GRANT STREET
SUITE 5400
PITTSBURGH, PA 15219

Mailing Address
100 AIRSIDE DRIVE
MOON TOWNSHIP, PA 15108

Principal Business Office
500 GRANT STREET
SUITE 5400
PITTSBURGH, PA 15219

Registered Office in Louisiana
3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana
2600 CITIPLACE DRIVE
SUITE 450
BATON ROUGE, LA 70808

Status

Status: **Active**
Annual Report Status: **In Good Standing**
Qualified: 12/29/1972
Last Report Filed: 12/4/2024
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: C T CORPORATION SYSTEM
Address 1: 3867 PLAZA TOWER DR.
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 12/29/1972

Officer(s)

Additional Officers: No

Officer: JOHN M. TEDDER
Title: Director, Secretary
Address 1: 500 GRANT STREET, SUITE 5400
City, State, Zip: PITTSBURGH, PA 15219

Officer: BRIAN A. LUTES
Title: President, Director
Address 1: 500 GRANT STREET, SUITE 5400
City, State, Zip: PITTSBURGH, PA 15219

Officer: JILL G. BELL
Title: Vice-President, Treasurer
Address 1: 500 GRANT STREET, SUITE 5400
City, State, Zip: PITTSBURGH, PA 15219

Officer: RAYMOND G. SHRIFT
Title: Vice-President
Address 1: 500 GRANT STREET, SUITE 5400
City, State, Zip: PITTSBURGH, PA 15219

Officer: JAMES E. KOCH
Title: Director
Address 1: 500 GRANT STREET, SUITE 5400
City, State, Zip: PITTSBURGH, PA 15219

Officer: GREGORY SMAY
Title: Vice-President
Address 1: 500 GRANT STREET
Address 2: SUITE 5400
City, State, Zip: PITTSBURGH, PA 15108

Amendments on File (13)

Description	Date
Stmt of Chg or Chg Prin Bus Off	2/22/1985
Stmt of Chg or Chg Prin Bus Off	4/1/1986
Stmt of Chg or Chg Prin Bus Off	2/1/1993
Disclosure of Ownership	3/5/1998
Stmt of Chg or Chg Prin Bus Off	1/29/2008
Stmt of Chg or Chg Prin Bus Off	5/11/2012
Disclosure of Ownership	9/6/2012
Name Change	7/6/2015
Stmt of Chg or Chg Prin Bus Off	10/18/2015
Appointing, Change, or Resign of Officer	3/6/2017

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
RALEY AND ASSOCIATES, INC.	Business Corporation	BOSSIER CITY	Active

Previous Names

SMITH AND RALEY, INC. (Changed: 1/3/2005)

Business: RALEY AND ASSOCIATES, INC.
Charter Number: 34373382D
Registration Date: 2/8/1991
Domicile Address
4913 SHED RD.
BOSSIER CITY, LA 71111
Mailing Address
C/O FRANK J. RALEY
4913 SHED RD.
BOSSIER CITY, LA 71111
Principal Office Address
4913 SHED RD.
BOSSIER CITY, LA 71111

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 2/8/1991
Last Report Filed: 1/15/2025
Type: Business Corporation

Registered Agent(s)

Agent: FRANK J. RALEY
Address 1: 4913 SHED RD.
City, State, Zip: BOSSIER CITY, LA 71111
Appointment Date: 10/18/2000

Officer(s)

Additional Officers: No

Officer: FRANK J. RALEY
Title: Director, President
Address 1: 451 KINGSTON PLANTATION BLVD.
City, State, Zip: BENTON, LA 71006

Officer: TRAVIS STURDIVANT
Title: Vice-President
Address 1: 2408 BRISTOL CT.
City, State, Zip: BOSSIER CITY, LA 71111

Amendments on File (5)

Description	Date
Disclosure of Ownership	9/9/1993
Disclosure of Ownership	3/31/1999
Disclosure of Ownership	1/7/2000
Domicile, Agent Change or Resign of Agent	10/18/2000
Name Change	1/3/2005

Print

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

APS Engineering and Testing, LLC

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

NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690

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

Certificate Eligibility: October 2024 to October 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Gresham Smith

Genuine Ingenuity

Alpharetta, GA
Atlanta, GA
Baton Rouge, LA
Birmingham, AL
Buford, GA
Charlotte, NC
Chattanooga, TN
Chicago, IL
Cincinnati, OH
Columbus, OH
Dallas, TX
Denver, CO
Detroit, MI
Ft. Lauderdale, FL
Jackson, MS
Jacksonville, FL
Knoxville, TN
Lexington, KY
Louisville, KY
Memphis, TN
Miami, FL
Nashville, TN
Orlando, FL
Richmond, VA
Tallahassee, FL
Tampa, FL

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

225.757.5849
GreshamSmith.com