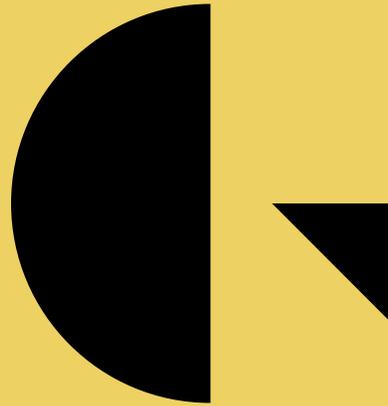


Gresham Smith



LADOTD

Mills Avenue & Rees Street Intersection Improvements
Contract No. 4400028585 | State Project No. H.014516.5
St. Martin Parish, LA | February 14, 2024



Genuine Ingenuity

10000 Perkins Rowe
Suite 280
Baton Rouge, LA 70810

225.757.5849
GreshamSmith.com

**Gresham
Smith**

February 14, 2024

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

Re: Advertisement for Engineering and Related Services
Contract No. 4400028585
Mills Avenue & Rees Street Intersection Improvements

Dear Ms. Territo

At Gresham Smith, we have been honored to partner with LADOTD and numerous public agencies on a variety of projects. From our Baton Rouge office, and also at the corporate level, we share in the stake that the LADOTD holds in carrying out its responsibilities in the most effective manner possible. Our key local staff all have experience successfully completing road, bridge, complete street, and traffic projects individually for LADOTD and we look forward to the opportunity to partner with LADOTD to provide Traffic Study and Design Services for the improvement of the Mills Avenue (LA 94) and Rees Street (LA 328) Intersection in Breaux Bridge, Louisiana.

For the past 55 years Gresham Smith has partnered with our Transportation clients as a trusted advisor to help them deliver their transportation programs, Our local office is supported by key staff and national experts in our other 25 offices throughout the southeastern US. We deliver an unparalleled diversity and depth of RESOURCES rivaling those of much larger national firms, but we retain the dedicated, personalized service and RESPONSIVENESS of a local firm. Gresham Smith looks forward to continuing our great working relationship with DOTD staff on this project.

Gresham Smith holds and has held multiple IDIQ contracts with LADOTD including Traffic Engineering, Design of Safety Projects and Stage 0 Studies. We have been performing the studies and designs in accordance with LADOTD Traffic Engineering Process and Report, standards and guidelines under these contracts. We have held these IDIQ contract with various sections of LADOTD for over the past 10 years and have completed numerous task orders. These task orders have included traffic and safety studies, traffic signal designs, full intersection realignments, intersection improvements, roadway/roundabout designs, signing and striping designs, guardrail designs, sidewalk and multi-use path designs, and street and pedestrian lighting. Gresham Smith offers the LADOTD a partnership with both years of experience serving the department as employees and delivering successful projects, ahead of schedule, and in strict accordance with all LADOTD procedures and guidelines for several years.

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



- Herbert "Bert" Moore II, P.E., PLS, PTOE, Project Executive and Gresham Smith's Louisiana Transportation Leader, is experienced with safety, traffic management, and maintaining the state's facilities. In his 24 years of experience as both as a consultant and as LADOTD's District Traffic Operations Engineer for District 61, Bert has demonstrated his knowledge of DOTD requirements and preferences, and proven adept at getting things done efficiently. As the Project Executive, Bert will ensure the team has the expertise and resources necessary for LADOTD's successful completion of this program and ensuring that each task order is completed on-time and under budget.
- Alben Cooper III, P.E., PTOE, Project Manager will lead the day-to-day project tasks and subconsultant coordination. Alben has spent his career focusing on traffic analysis and safety. Alben has experience using various analysis programs including Synchro, Highway Capacity Software (HCS), and SIDRA Intersection. Throughout his career, he has been the lead engineer for multiple Stage 0 Feasibility Studies and Environmental Assessments throughout Louisiana. He has also performed studies for intersection/corridor operation and safety improvements including pedestrian facility upgrades. Alben has managed and provided construction administration services for temporary and permanent traffic signal design using the LADOTD TSI format, geometric design, and striping and signage design. He has developed/managed sequence of construction and traffic control device plans for large construction projects. He has completed all 3 modules of LADOTD's Traffic Engineering Process and Report Training.
- Rebecca Murray, P.E., PTOE, RSP1, Deputy Project Manager, will assist with day-to-day project tasks and subconsultant coordination. Rebecca has spent her career focusing on traffic analysis and safety leading Gresham Smith's efforts on a number of LADOTD traffic engineering studies and traffic signal design tasks. Rebecca has worked in various roles and responsibilities on a variety of projects including interchange and corridor studies, traffic signal design plans, Adaptive Traffic Signal Control (ATSC) plans, traffic impact studies, and traffic modeling as well as feasibility and concept studies. Her responsibilities for these projects include reviewing traffic volumes and crash data to develop traffic models, develop proposed alternatives and perform analysis on the alternatives. She has experience modeling existing and proposed roadway networks in analysis software such as Synchro, Sidra, HCS, and VISSIM. Rebecca has completed the ATSSA Traffic Control Training and all 3 modules of LADOTD's Traffic Engineering Process and Report Training.

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

Sincerely,

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

**Gresham
Smith**

DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract title as shown in the advertisement	MILLS AVE & REES ST INTERSECTION IMP, ROUTE: LA 93 & LA 328, ST. MARTIN PARISH
2. Contract number(s) as shown in the advertisement	4400028585
3. State Project Number(s), if shown in the advertisement	H.014516.5
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	 Gresham Smith
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003429 DUNS number: 059153676
6. Prime consultant mailing address	10000 Perkins Rowe, Suite 280, Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, Suite 280, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Herbert "Bert" Moore, II, P.E., PLS, PTOE State Transportation Leader - Louisiana 225.757.5849 / bert.moore@greshamsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Herbert "Bert" Moore, II, P.E., PLS, PTOE State Transportation Leader - Louisiana 225.757.5849 / bert.moore@greshamsmith.com

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

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



Date: February 14, 2024

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

Firm(s):	
Svaapta Group LLC	5%
Civil Design and Construction	15% by Supplement

24-102

Sections 12-15

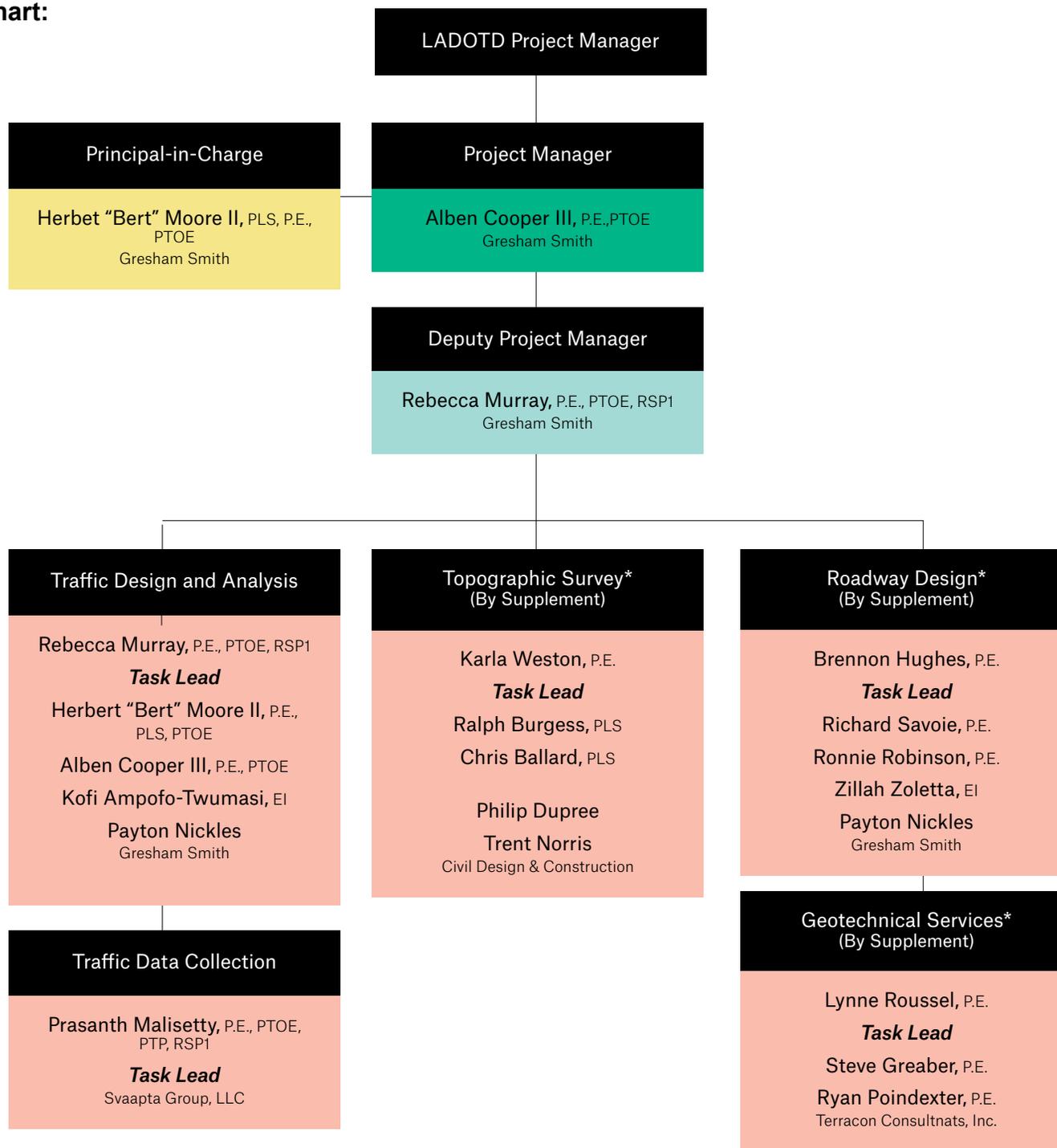
12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Gresham Smith (Prime)	Svaapta Group (DBE) (Sub)	Civil Design & Construction (DBE) (Sub)	Terracon Consultants (Sub)
Traffic	40%	95%	5%	0%	0%
Road* (By Supplement)	40%	100%	0%	0%	0%
Survey* (By Supplement)	15%	0%	0%	100%	0%
Geotech* (By Supplement)	5%	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%	78%	2%	15%	5%

13. Firm Size:

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Gresham Smith	Principal	1	1
Gresham Smith	Supervisor-Engineer	2	6
Gresham Smith	Engineer	2	8
Gresham Smith	Engineer Intern	2	8
Gresham Smith	Professional	1	4
Gresham Smith	Senior Technician	2	6
Gresham Smith	Clerical	1	1
Civil Design and Construction	Principial	1	1
Civil Design and Construction	Surveyor	2	3
Civil Design and Construction	Party Chief	3	5
Civil Design and Construction	Instrument Man	2	3
Civil Design and Construction	Rodman	1	3
Civil Design and Construction	CADD Operator	1	1
Civil Design and Construction	Senior Technician	2	5
Civil Design and Construction	Supervisor - Other	1	1
Svaapta Group LLC	Engineer	1	1
Terracon Consultants, Inc.	Principal	2	2
Terracon Consultants, Inc.	Supervisor-Engineer	1	4
Terracon Consultants, Inc.	Engineer	3	4
Terracon Consultants, Inc.	Other (Drilling and Laboratory Manager)	2	3
Terracon Consultants, Inc.	Technician	6	8

14. Organizational Chart:



Gresham Smith

15. Minimum Personnel Requirements:

MPR No. (Do not insert wording from ad)	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR / certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. LA 31065 - (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2024
			PLS LA 5043	Louisiana	PLS LA 5043 Exp. 9/30/2024
			PTOE 2728	International	PTOE 2728 Exp. 9/30/2024
3.	Richard Savoie, P.E.	Gresham Smith	P.E. LA 20936 - (Civil)	Louisiana	P.E., LA 20936 Exp 9/30/2024
	Brennon Hughes, P.E.	Gresham Smith	P.E. LA 39985 - (Civil)	Louisiana	P.E., LA 39985 Exp 3/31/2024
4.	Ralph Burgess, PLS	CD&C	PLS	Louisiana	PLS, LA 5040 Exp 9/30/2024
	Chris Ballard, PLS	CD&C	PLS	Louisiana	PLS, LA 5033 Exp 9/30/2024

24-102

Sections 16-18

16. Staff Experience:

Gresham Smith


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

Louisiana State Transportation Leader

Years of experience with this firm/employer

9

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. 9/30/24 PTOE 2728 / Exp. 9/30/24 PLS 5043 / LA / Exp. 9/30/24		
Year registered	2004(PE); 2009(PTOE); 2010(PLS)	Discipline	P.E./Civil, PLS, PTOE
Contract role(s) / brief description of responsibilities	Project Executive / Bert will provide overall contract management and direction for our team and support the team with traffic-related tasks as needed.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Career	Bert is a professional engineer with more than 25 years of experience designing and managing projects in the fields of traffic and transportation engineering. He previously spent six years as the district traffic operations engineer for LADOTD where he was responsible for the daily maintenance and operation of signs, striping and traffic equipment for 2,000 miles of roadway and over 600 traffic signals in the Department's Baton Rouge district. His experience is in traffic operations, traffic control, signal warrants, traffic signal timing and design, safety studies, the implementation of access management principles, temporary traffic control for work zones, Transportation Management Plans (TMP), and addressing bicycle and pedestrian needs within the roadway network. Bert has completed the LADOTD Traffic Analysis Process and Report Training.		
04/20 – 12/22	City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design Senior Transportation Engineer. Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Bert has assisted the team with roundabout analysis, temporary traffic control and sequencing of construction.		
07/18 – 12/21	LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA Project Executive. Collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. The reports were reviewed and evaluated using the safety triage safety tool box. Traffic analysis will be performed using HCS and Synchro and other software tools as needed. We reviewed historic traffic volume counts and TransCAD models and performed count analyses to develop regional growth rates for the study area. Bert was responsible for the review of traffic counts and traffic and safety analyses.		
04/18 – 05/19	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.
07/19 – 12/21	LADOTD, Lafayette Consolidate Government Adaptive Traffic Signals, Lafayette County, LA Project Executive. Gresham Smith was selected to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 76 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 76 adaptive signals, implementation of a new EVP system, integration support, and before and after travel studies. Bert was responsible for the project including overseeing data collection, traffic signal design, integration, before travel time studies and QA/QC of the preliminary and final plans.
10/17 – 04/18	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.
05/17 – 03/19	LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA Project Executive. Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, lead the Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Bert was responsible for the overall study, overseeing data collection, conducting safety analysis, development of VISSIM models, development of alternatives and the report.
04/20 – 09/20	LADOTD, Complex Bridge Inspections, Statewide, LA Task Order 2 - Emergency Bridge Repairs, US 71 in Downtown Shreveport, LA Project Executive. In April 2020, a train derailment damaged Bent 3 of the Spring Street Bridge forcing the roadway closure. Gresham Smith was selected to perform the bridge repairs to open the bridge. Working with the selected contractor, helical piles were designed to support the new column foundations and crash wall. Bert served as Project Executive (Principal) and assisted with DOTD coordination.
11/08 – 11/14	LADOTD, Baton Rouge, LA District Traffic Operations Engineer. While at LADOTD, Bert was responsible for reviewing, approving and developing plans for all signing, stripping and traffic signals as well as plans for all construction and maintenance work on the state highway system within District 61. Bert was also responsible for Transportation Management Plans (TMPs) for construction and maintenance activities.
Certifications (See section 20)	<ul style="list-style-type: none"> • DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 • U.S. Department of Transportation Federal Highway Administration – DPFA Certification • LADOTD – Highway Safety Manual Workshop NCHRP 17-38 • Louisiana Local Technical Assistance Program – Regional Crash Data Workshop • American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific

16. Staff Experience:

Gresham Smith

**Alben Cooper III, P.E., PTOE**

Senior Engineer

Years of experience with this firm/employer

<1

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

15

Degree(s) / Years / Specialization

Bachelor of Science / 2006 / Civil Engineering

Active registration number /
state / expiration date

P.E.0036291 / LA / Exp. 9/30/2025 | PTOE 3206 / Exp. 5/2/2024

Year registered

2011 (P.E.)
2012 (PTOE)

Discipline

P.E./Civil, PTOE

Contract role(s) / brief description of responsibilities

Project Manager/ Alben will lead the overall management and support of the project, including managing the scope, schedule, and budget.

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

12/2016 – 9/2017

LADOTD - US 190 Superstreet, St. Tammany Parish, LA | Traffic Engineer. Responsible for the design of 15 permanent traffic signals along the US 190 corridor from I-12 to Sunshine Avenue in St. Tammany Parish, LA. The project involved converting the existing corridor to a “superstreet” corridor. This included modifying the existing signalized intersections to restrict lefts or throughs from the side streets onto US 190 and providing U-turns on either side of the main intersections. Due to the heavy traffic volumes along the corridor, the U-turns were also signalized. Worked closely with LADOTD to determine the traffic signal operation and locations for signal equipment that would not interfere with construction. Designed fiber interconnect plans to connect each of the signals into a coordinated system. A construction cost estimate was prepared utilizing the latest LADOTD items.

01/2011 – 01/2012

LADOTD - Hooper Road Extension Stage 0, East Baton Rouge/Livingston Parishes, LA | Traffic Engineer. Responsible for the preparation of the traffic study that was included in the LADOTD Stage 0 Feasibility Study for the extension of Hooper Road from LA 64 (Greenwell Springs Rd) in East Baton Rouge Parish across the Amite River to LA 16 in Livingston Parish. The study included the development and analysis of intersection alternatives at various termini of the extension including traditional intersections, roundabouts, SPUIs, partial cloverleaves, and flyovers. Three alternatives for the extension termini point at LA 16 were considered and analyzed. Tasks consisted of data acquisition, traffic assignments and forecasting, capacity analysis, preparation of the traffic study report and attendance at public meetings. Analysis was performed using SIDRA and Synchro.

06/16 – 10/20

LADOTD - I-49 South Feasibility Study, Lafourche/St. Charles/Jefferson Parishes, LA | Traffic Engineer. Alben was a project engineer for a project that included research and data collection, traffic data collection and Tier 1 Interchange analysis for the 13 interchanges along the proposed I-49 South corridor between Raceland, LA, in Lafourche Parish and the Westbank Expressway in Jefferson Parish. Alben’s roles consisted of aiding in the collection and review of traffic data, determining peak period times for additional data collection, rerouting of existing traffic volumes, developing growth rates and projecting volumes to the design year, and analysis for the determination of traffic operations rankings for inclusion in the Tier 1 matrix. Alben worked closely with DOTD to develop and implement methodology for the rerouting of traffic volumes to the proposed interchanges.

08/2022 – 10/2022	<p>LADOTD – US 190 at Northshore and Camp Villere Roundabouts, St. Tammany Parish, LA Project Manager. Alben was responsible for the design of temporary traffic signalization, striping, and signage for the project. He served as project manager for the design of permanent striping & signage plans per LADOTD standards and specifications for a multi-lane roundabout at US 190 and Northshore Blvd, and a single-lane roundabout at UA 190 and Camp Villere Rd. He also managed the design of temporary traffic signals at Northshore Blvd that will be required during the multiple phases of roundabout construction. A construction cost estimate was prepared using the latest LADOTD items.</p>
07/2022 – 08/2022	<p>TXDOT – FM 60 University Feasibility Study, College Station, TX Lead Engineer. As the lead engineer, Alben was responsible for the evaluation of pedestrians and bicycle demand and capacity for three potential underpass locations on FM 60 between Wellborn Rd and Bizzell St/College Ave in College Station, TX. Alben guided the technical review of the pedestrian and bicycle system, as well as the preparation of Synchro Software models to analyze five scenarios.</p>
07/2022 – 10/2022	<p>RaceTrac – Traffic Impact Analysis, Des Allemandes, LA Deputy Project Manager. This project was for the preparation of a Traffic Impact Study for a 5,800 SF convenience store with 16 vehicle fueling stations and four truck fueling stations located in St. Charles Parish, LA. As Deputy Project Manager, Alben was responsible for delivery of the study in a timely manner and in accordance with LADOTD standards. He was heavily involved in the Quality Assurance/Quality Control (QA/QC) process. Alben was also be responsible for coordinating with LADOTD, the client, and subconsultants.</p>
11/2017 – 01/2018	<p>City of Temple – City of Temple Mobility Master Plan, Temple, TX QA/QC. Alben provided Quality Assurance/Quality Control (QA/QC) services for the City of Temple Mobility Master Plan designed to guide the development and management of a state of the practice multimodal transportation system. His main role was to provide QA/QC services for the Synchro Software model which was developed based on TransModeler output including traffic volumes, intersections geometry and intersection control. Synchro models were developed for five different scenarios.</p>
Career	<p>With over 15 years of experience in transportation engineering, Alben is a Professional Traffic Operations Engineer (PTOE), and a licensed Professional Engineer (P.E.) in Louisiana, Mississippi, Alabama, and Texas. He has been the project manager/engineer on a variety of transportation projects including: safety studies, feasibility studies, signal design and timing of coordinated systems, geometric design, striping and signage design, traffic impact analysis, and transportation management plans. He has been the lead engineer for multiple Stage 0 Feasibility Studies and Environmental Assessments throughout Louisiana. He has also performed studies for intersection/corridor operation and safety improvements including pedestrian facility upgrades. Alben has managed and provided construction administration services for temporary and permanent traffic signal design using the LADOTD TSI format, geometric design, and striping and signage design. He has developed/managed sequence of construction and traffic control device plans for large construction projects. Alben has experience using various analysis programs including Synchro, Highway Capacity Software (HCS), and SIDRA Intersection. He has completed all 3 modules of LADOTD's Traffic Engineering Process and Report Training.</p>

16. Staff Experience:

Gresham Smith				
	Rebecca Murray, P.E., PTOE, RSP1 Transportation Engineer		Years of experience with this employer	9
			Years of experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science / 2015 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date		P.E.0043788 / LA / Exp. 3/31/24 PTOE 4861 / Exp. 3/26/26 RSP1 611 / Exp. 4/5/24		
Year registered		2019 (LA) 2020 (PTOE) 2021 (RSP1)	Discipline	P.E./Civil; PTOE; RSP1
Contract role(s) / brief description of responsibilities			Deputy Project Manager / Rebecca will assist Alben with project management tasks, and will serve as the traffic design and analysis 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 years of experience specified in the applicable MPR(s).			
07/18 – 12/21	LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA Traffic Engineer. Collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. The reports were reviewed and evaluated using the safety triage safety toolbox. Traffic analysis will be performed using HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volume counts and TransCAD models and performed count analyses to develop regional growth rates for the study area. Rebecca assisted with review of the count data, development of growth rates, crash data analysis using LADOTD’s CATScan spreadsheets, and performed the existing and future traffic analysis.			
10/20 – 08/23	Ascension Parish, TO #2-LA 621 Realignment Mitigation, Gonzales, LA Traffic Engineer. 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. Rebecca’s responsibilities included review of traffic count data, growth of traffic volumes to horizon year, and redistribution of trips within study area based on proposed access management modifications, and analyses of the updated volumes in PTV Vissim software.			
03/17 – 04/19	LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA Traffic Engineer. The study area includes 3 miles of US 171, 8 signalized intersections and a cloverleaf interchange with Interstate 10. Traffic count data was collected used to create Vissim models of the study area. These models will be calibrated to accurately represent existing traffic patterns along the corridor. Alternative solutions will be analyzed with additional models. Conceptual designs for potential solutions will be developed and presented to the public in an open house public meeting. 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 and develop the final report.			
09/18 – 12/19	LADOTD, Traffic Engineering Retianer Contract TO #1: Farmerville State and Local Roads Study, Union Parish, LA Engineer Intern. 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.
08/22 – Ongoing	LADOTD, LRSP TO #6 LA 14 – US 90 to Power Center Parkway Traffic Report, Lake Charles, LA <i>Project Manager/ Lead Traffic Engineer</i> . Gresham Smith is analyzing no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 through the development of a traffic report. This report will also inform recommendations that improve safety/operation and access management. Rebecca is responsible for leading the traffic effort including operational and safety analysis and the development of build alternatives.
Career	Rebecca has worked in various roles and responsibilities on a variety of projects including interchange and corridor studies, traffic signal design plans, Adaptive Traffic Signal Control (ATSC) plans, traffic impact studies, and traffic modeling as well as feasibility and concept studies. Her responsibilities for these projects include reviewing traffic volumes and crash data to develop traffic models, develop proposed alternatives and perform analysis on the alternatives. She has experience modeling existing and proposed roadway networks in analysis software such as Synchro, Sidra, HCS, and VISSIM. Rebecca has completed the ATSSA Traffic Control Training and all 3 modules of LADOTD's Traffic Engineering Process and Report Training.

16. Staff Experience:

Gresham Smith



Payton Nickles
Engineering Technician

Years of experience with this employer 3

Years of experience with other employer(s) 0

Degree(s) / Years / Specialization	Bachelor of Civil Engineering / 2021 / Civil Engineering, Louisiana State University
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Active registration number / state / expiration date	N/A
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Year registered	N/A	Discipline	Civil
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Contract role(s) / brief description of responsibilities	Traffic Designer / Payton will support all traffic related services.
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/21 – Ongoing	LADOTD, Complex Bridge Inspections Task Orders 3, 4, and 5 Statewide, LA Pre-Professional. Payton assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Projects included the Charenton Truss Swing Bridge in St. Mary’s Parish and the Jeanerette Truss Swing Bridge in Iberia Parish. Peyton worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LA DOTD’s traffic control standards.
8/2022 – Ongoing	LADOTD, LA 14 US 90 to Power Centre Parkway Traffic Report, Task Order #6, Lake Charles, LA Pre-Professional. Gresham Smith is analyzing no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 through the development of a traffic report. This report will also inform recommendations that improve safety/operation and access management.
06/21 – Ongoing	LADOTD, Present LADOTD, LRSP Task Order #1: Vernon and Sabine Signing & Striping, LA Pre-Professional. This project includes preliminary and final design for proposed signing and striping improvements throughout several routes within Sabine and Vernon Parish. Payton is responsible for preparing the line diagrams for each of the routes. She is also responsible for importing aerial images and developing intersection detail sheets.
06/21 – Ongoing	EBR DTD, MoveBR-Plank Road Corridor Enhancement, Baton Rouge, LA Pre-Professional. This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Payton’s responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.
4/2021 – 7/2021	MoveBR, Sherwood Forest Boulevard Multi-Use Path, Baton Rouge, LA Pre-Professional. Gresham Smith is the prime consultant responsible for designing a Multi-Use Path along the west side of South Sherwood Forest Boulevard from South Harrells Ferry Road to Old Hammond Highway. Gresham Smith was selected to provide the safety and timing for the traffic signals through this project, to review the feasibility of the improvements required to the traffic signals. Gresham Smith was also tasked with the design to upgrade these traffic signals to accommodate the MUP and the crosswalks required.

16. Staff Experience:

Gresham Smith

 <p>Kofi Ampofo-Twumasi, E.I. Engineer Intern</p>	<p>Years of experience with this employer</p>	2
	<p>Years of experience with other employer(s)</p>	0

Degree(s) / Years / Specialization	Master of Science / 2022 / Civil Engineering / University of Louisiana
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Active registration number / state / expiration date	E.I. 0035386 / LA / Exp. 9/30/2025
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Year registered	2022	Discipline	Civil
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Contract role(s) / brief description of responsibilities	Engineer Intern / Kofi will support the traffic and safety related tasks.
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
08/01 – Ongoing	LADOTD, LRSP TO #6 (LA-14: US 90 to Power Center Pkwy) Traffic Report, Lake Charles, LA <i>Engineer Intern.</i> Gresham Smith is preparing and coordinating a traffic report to analyze no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 from US 90 (Fruges Street) to Power Centre Pkwy. This traffic report is being prepared in conjunction with the DOTD Engineering Directives and Standards Manual (EDSM).
11/22 – Ongoing	MovEBR, Airline Hwy, North (Florida Blvd - Interstate I-110)(HUVAL) <i>Engineer Intern.</i> Gresham Smith is preparing a traffic study which includes US 61 (Airline Highway) from the Interstate-110 interchange to the Florida Boulevard interchange. The traffic study is evaluating the widening of US 61 from 2-lanes to 3-lanes in each direction in addition to other capacity, safety, and access management improvements that aim to maximize project benefits.
10/20 – Ongoing	Ascension Parish, TO #2-LA 621 Realignment Mitigation, Gonzales, LA <i>Engineer Intern.</i> Gresham Smith is preparing and coordinating a traffic study to analyze existing and future conditions along LA 73 from the I-10 westbound terminal to near Norris Trail and LA 621 corridor from LA 73 to east of L Landy Rd to ensure that the mitigation of the realignment of LA 621 will cause no adverse effects to the study area.
04/22 – Ongoing	MovEBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA <i>Engineer Intern.</i> Gresham Smith is providing services through a Master Contract: 43075.00 LADOTD-Retainer-ITS CE&I Services-Statewide (Contract 44-11253, T.O. #011513) to Implement the Fiber Optic Mapping & Management system in Lake Charles, New Orleans and Monroe. Our team is providing management throughout the duration of the project for all tasks.

16. Staff Experience:

Gresham Smith



Brennon Hughes, P.E.
Transportation Engineer

Years of experience with this firm/employer	7
Years of experience with other firm(s)/employer(s)	6

Degree(s) / Years / Specialization	Bachelor of Science / 2011 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0039985 / LA / 3/31/24		

Year registered	2015	Discipline	P.E./Civil
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Contract role(s) / brief description of responsibilities	Lead Roadway Design Engineer / Brennon will lead the development of all roadway plans.
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/20 – 12/22	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 to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Brennon led the design and preparation of preliminary plans and cost estimates. This project is currently undergoing scope adjustments for final design.
03/21 – Ongoing	MSY Airport: Entrance Road Capacity Design Lead Roadway Design. Brennon was responsible for planning and coordinating staffing, scheduling, and budgeting for this project. He also led the design and the preparation of preliminary and final plans and cost estimates. He worked closely with Airport officials along with the consultant for the adjacent design-build project to coordinate the widening of the entrance road to the MSY Airport.
08/17 – 12/20	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 involved safety and operations improvements for the intersection realignment, curb and gutter drainage design, sidewalks, truck islands and turnouts.
10/15 – 08/17	LADOTD, Multilane Roundabout LA 22 at LA 70 and LA 22 Geometric Improvements near I-10, Ascension Parish, LA Lead Roadway Design. This was a widening and intersection improvement project located at the intersection of LA 22 and LA 70 in Ascension Parish to north of I-10. This project included widening of LA 22, a double lane roundabout at LA 22 and LA 70 with a slip lane, along with two J-Turns north of I-10 and two J-Turns south of I-10 along LA 22. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates. He developed these plans from initial survey request up to 60% final plans.
09/11 – 07/17	LADOTD Roadway Group. Project Engineer. Prior to joining Gresham Smith, Brennon served with the LADOTD Roadway Group as a designer on various roadway projects including a new roundabout, widening projects, overlay projects, and intersection improvements.
Certifications (See section 20)	<ul style="list-style-type: none"> • DOTD FHWA-NHI-380096V Modern Roundabouts: Intersections Designed for Safety • American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific

16. Staff Experience:

Gresham Smith



Richard Savoie, P.E.
Senior Engineer

Years of experience with this firm/employer	5
Years of experience with other firm(s)/employer(s)	40

Degree(s) / Years / Specialization	Bachelor of Science / 1978 / Civil Engineering, McNeese State University		
Active registration number / state / expiration date	P.E.0020936 / LA / 9/30/24		
Year registered	1983 (LA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities	Roadway Designer / Richard will assist with all aspects of roadway design development.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/20 – 12/22	<p>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 to be in accordance with LADOTD’s Roadway Design Manual geometric requirements and LADOTD’s Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Richard is responsible for overall Quality Control on the project. He is mentoring the engineering staff on the field evaluation requirements, reviewing all potential improvements, and is responsible for QC reviews on the preliminary and final design plan submissions.</p>		
09/18 – 12/20	<p>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 was responsible for Quality Control on the final design process.</p>		
09/18 – 12/19	<p>LADOTD, SRTS/LRSP Task Order 14: Farmerville Design, Union Parish, Farmerville, LA Senior Engineer. Richard provided quality control review for the Final Plan submission for this Safe Routes to Public Places Project. The review was to ensure that the plans were developed in accordance with standard LADOTD policy and procedure. Plans included installation of sidewalks along various local roadways, driveway adjustments to ensure ADA compliance and utility relocation avoidance.</p>		
02/09 – 03/14	<p>LADOTD, Project and Program Delivery Project Manager. Richard was the Project Manager for the I-49 North project in Caddo Parish, from I-220 to the Arkansas State Line. The project started with the Corridor Selection Study and progressed to the Environmental Impact Study. Once the alignment was selected plan development began and thence project delivery for this \$670 million project. As the Deputy Chief and Chief Engineer, Richard participated in many partnering sessions for the Huey P. Long Bridge widening, John James Audubon Bridge and the cable replacement for the I-310 Luling Bridge with contractors and designers. He was the first Director of Value Engineering when the department started their Value Engineering program in 1998. He participated in multiple Value Engineering sessions and led the Value Engineering study for the pavement replacement for I-10 thru Lake Charles.</p>		

16. Staff Experience:

Gresham Smith



Ronnie Robinson, P.E.
Senior Engineer

Years of experience with this firm/employer	8
Years of experience with other firm(s)/employer(s)	33

Degree(s) / Years / Specialization	Bachelor of Science / 1982 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	P.E.0024040 / LA / 3/31/24		
Year registered	1988	Discipline	P.E./Civil

Contract role(s) / brief description of responsibilities	Roadway Designer / Ronnie will assist with the road design tasks for the preliminary and final plans.		
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/20 – 12/22	City of Central (LA), Hooper Road (LA 408) at Sullivan Road (LA 3034) Roundabout Design Senior Transportation Engineer. Gresham Smith was tasked with the full roundabout design to be in accordance with LADOTD's Roadway Design Manual geometric requirements and LADOTD's Complete Streets Policy to accommodate both pedestrians and bicycles through this intersection. Ronnie provided quality control for the preliminary design phase, participated in the plan-in-hand meeting, and will provide design assistance for the development of the final design plans.
02/17 – 12/20	LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA Senior Transportation Engineer. Ronnie’s responsibilities included assisting in the development of preliminary and final plans and construction cost estimates. His efforts included coordination of the contaminated waste investigation, drainage layout and quality control for the preliminary design.
07/17 – 06/19	LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Intersection Improvements 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.
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.
Career	Ronnie has 33 years of experience with the Louisiana Department of Transportation and Development. He worked 11 of his 16 years in construction as a project engineer, eight years as manager of the design and permit sections and nine years as administrator for the design, water resources, permit and materials testing sections

16. Staff Experience:

Gresham Smith

 <p>Zillah Zoleta, E.I. Engineer Intern</p>	<p>Years of experience with this employer</p>		2
	<p>Years of experience with other employer(s)</p>		0
<p>Degree(s) / Years / Specialization</p>	<p>Bachelor of Science / 2022 / Civil Engineering / Louisiana State University</p>		
<p>Active registration number / state / expiration date</p>	<p>EI. 0035238 / LA / 3/31/2025</p>		
<p>Year registered</p>	2022	<p>Discipline</p>	Civil
<p>Contract role(s) / brief description of responsibilities</p>		<p>Engineer Intern / Zillah will support the Roadway team.</p>	
<p>Experience dates (mm/yy–mm/yy)</p>	<p>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).</p>		
09/21 – 03/22	<p>LADOTD, LRSP TO#2 - Bonner Street Pedestrian Improvements, Ruston, LA <i>Engineer Intern</i>. Gresham Smith provided design services in connection with the installation of lighting, pedestrian signals, signs, striping, and pavement markings. Zillah served as the transportation engineer intern for this project. She was responsible for pedestrian crossing data collection at two bridges. She captured and counted multi-directional data for each intersection.</p>		
07/22 - Ongoing	<p>LADOTD, Greenwell Springs & Wooddale Sidewalks, Baton Rouge, LA <i>Engineer Intern</i>. Gresham Smith is providing design services in connection with the installation of sidewalks and other pedestrian safety features along Greenwell Springs and Wooddale Dr in Baton Rouge, LA. Zillah is responsible for development of typical section and plan profile sheets.</p>		
08/22 – Ongoing	<p>City of Gonzales, US 61 Superstreet (Lowe Ave to LA 44), Gonzales, LA <i>Engineer Intern</i>. Gresham Smith is currently performing the design to convert this section of US 61 to a Superstreet. This design will remove all of the uncontrolled median breaks and replace them with directional median U-Turn or J-Turn with exclusive turn lanes. These J-Turns will be controlled by a 2 phased traffic signal which will only stop one direction of US 61 so that the U-Turns can be made. Additionally, the existing signalized intersection of US 61 at Lowe and US 61 at LA 44 will be converted to Restricted Crossing U-Turns (RCUTs). Zillah is supporting geometric design and developing typical sections and plan profile sheets.</p>		
06/21 – Ongoing	<p>LADOTD, Complex Bridge Inspections Task Orders 3, 4, 5 and 6, Statewide, LA <i>Engineer Intern</i>. Zillah assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Zillah worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LADOTD’s traffic control standards.</p>		
06/21 – Ongoing	<p>EBR DTD, MoveBR-Plank Road Corridor Enhancement, Baton Rouge, LA <i>Engineer Intern</i>. This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah's responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.</p>		

16. Staff Experience:

Civil Design & Construction, Inc. (CD&C)

	<p>Karla Weston, P.E. President</p>	<p>Years of experience with this firm/employer</p>	<p>18</p>
			<p>Years of experience with other firm(s)/employer(s)</p>

Degree(s) / Years / Specialization	Bachelor of Science / 1999 / Civil Engineering		
Active registration number / state / expiration date	P.E. 31010 / LA / Exp. 3/31/2024		
Year registered	2004	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities	Survey Task Lead / Karla will oversee the firm’s role as a subconsultant, make sure the work is completed to LADOTD standards and coordinate with Gresham Smith.		

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).
02/16 – 09/191	H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA: Mrs. Weston served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design services of the West bound on ramp to I-10, the West bound off ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the project design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	H.02960 Gramercy Bridge, St. James Parish, LA: Mrs. Weston served as Principal-in-Charge for the firm’s role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project
05/13 – 05/14	H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA: Mrs. Weston served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.
01/06 – 12/12	EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA: Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11’ lands with a 2’ barrier curb and gutter, and a 6’ adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.
03/12 – 07/12	H.009104.5 - Sunshine Bridge Phase 2: Ms. Weston served as Project Manager and Engineer for CD&C’s portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.

05/11 – 04/12	Red River – Jackson Street Bridge, Alexandria, LA: Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
12/11 – 4/12	H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29 : Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	Picardy Avenue Extension–City/Parish of East Baton Rouge: Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.

16. Staff Experience:

Civil Design & Construction, Inc. (CD&C)



Ralph Burgess, PLS
Principal Land Surveyor

Years of experience with this firm/employer	12
Years of experience with other firm(s)/employer(s)	12

Degree(s) / Years / Specialization	BS / 2004 / Industrial Design & Supervision, Southeastern LA University		
Active registration number / state / expiration date	PLS 5040 / LA / Exp. 9/30/2024		
Year registered	2010	Discipline	Land Surveyor

Contract role(s) / brief description of responsibilities Land Surveyor / Ralph will support all survey related tasks for this contract.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Burgess served as the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails. Mr. Burgess worked with the prime consultant, as well as CD&C crews to obtain and incorporate all survey data.
09/21 – 03/22	H.014747 Southern University Ravine Protection, East Baton Rouge Parish: Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.
08/21 – Ongoing	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Burgess was the Survey Manager for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
07/17 – 12/18	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.

03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Burgess served as Survey Manager for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18 – 01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: . Mr. Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
07/17 – 12/18	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc. for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging two state projects with a project survey for final submittal to combine all projects together.
01/16 – 08/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15 – 12/18	H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA: Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16 – 12/17	H.011235 I-49 South at Verot School Road, Lafayette, LA: Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.

16. Staff Experience:

Civil Design & Construction, Inc. (CD&C)



Chris Ballard, PLS
Survey Project Manager

Years of experience with this firm/employer	8
Years of experience with other firm(s)/employer(s)	19

Degree(s) / Years / Specialization	BS / 2004 / Biological Science / Southeastern LA University		
Active registration number / state / expiration date	PLS 5033 / LA / Exp. 9/30/2024		
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities	Land Surveyor / Chris will support all survey related tasks for this contract.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/23 – 12/23	H.012027 I-20: Union Pacific RR Overpass: Mr. Ballard served as the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
09/18 – 01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17 – 07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Mr. Ballard served as the firm's Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. The project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19 – 09/19	Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA: Mr. Ballard served as the Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges that were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded through FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.

01/17 – 12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA: In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects, which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 – 11/16	H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement, all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 – 09/17	H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA: Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's Creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
07/18 – Ongoing	Plank Rd Realignment, Baton Rouge, LA: Mr. Ballard served as the Survey Project Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying and ROW mapping for the realignment of Plank Rd. for Baton Rouge Metro Airport. This project includes 2 phases of relocations and ROW mapping. CD&C is providing full topography ROW mapping services for both phases.
10/15 – 12/18	H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of the project delivery schedule, processing of data, and final review of the submittal of the project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
08/16 – Ongoing	H.011235 I-49 South at Verot School Road, Lafayette, LA: Mr. Ballard served as a Survey PM on this project. Duties included aiding in the coordination of field crews for both topographic survey and property surveys for ROW mapping, and QC review of data for submittals. CD&C is also providing complete ROW mapping on this project including property surveys and final ROW maps.
10/15 – 01/16	H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA: Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.

16. Staff Experience:

Civil Design & Construction, Inc. (CD&C)



Trent Norris
Senior Technician

Years of experience with this firm/employer	9
Years of experience with other firm(s)/employer(s)	0

Degree(s) / Years / Specialization	
Active registration number / state / expiration date	NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger
Year registered	Discipline
Contract role(s) / brief description of responsibilities	Senior Technician / Trent serves as the firm's 3D Scanning Technician who will aid in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.

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).
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Norris served as the lead Survey Technician on this project primarily in charge of processing 3D Scan data. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
10/20 – 01/21	H014302 US 165 Lighting, Monroe, LA: Mr. Norris served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
01/28 – 01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Norris was the 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all the necessary topographic data from them thru TopoDot to put into InRoads.

08/16 – 01/18	H.011235 I-49 Verot School Road, Lafayette, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all the necessary topographic data from them thru TopoDot to put into InRoads.
10/16 – 10/16	H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all the necessary topographic data from them thru TopoDot to put into InRoads.
01/16 – 07/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post-processing the scans, and extracting all the necessary topographic data from them thru TopoDot to put into InRoads.

16. Staff Experience:

Civil Design & Construction, Inc. (CD&C)

	<p>Philip Dupree Survey Party Chief</p>	<p>Years of experience with this firm/employer</p>	<p>11</p>
		<p>Years of experience with other firm(s)/employer(s)</p>	<p>30</p>

Degree(s) / Years / Specialization	
Active registration number / state / expiration date	NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor
Year registered	Discipline

Contract role(s) / brief description of responsibilities	Survey Party Chief / Philip is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish: Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18 – 02/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA: Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15 – 12/18	H.011235 I-49 South at Verot School Road, Lafayette, LA: Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.

01/16 – 08/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.
10/16 – 11/16	H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14 – 10/15	H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA: Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13 – 07/13	H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14 – 12/14	H.011088.5 West Prien Lake, Lake Charles, LA: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide a topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14 – 03/17	H.010620 I-49 Design Build: Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

16. Staff Experience:

Svaapta Group, LLC

	<p>Prasanth Malisetty, P.E., PTOE, PTP, RSP1 President</p>	<p>Years of experience with this employer</p>	<p>>1</p>
	<p>Years of experience with other employer(s)</p>	<p>19</p>	

Degree(s) / Years / Specialization	B.E. / 2003 / Civil Engineering; M.S. / 2004 / Civil Engineering		
Active registration number / state / expiration date	P.E.0035792 / LA / Exp. 3/31/2025		
Year registered	2010	Discipline	Civil

Contract role(s) / brief description of responsibilities	Data Collection
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Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
Career History	<p>Prasanth, a seasoned Transportation Engineer, possesses a wealth of expertise in the realms of highway safety, traffic engineering, transportation planning, demand modeling/forecasting, and intersection/corridor analysis, accumulated over an impressive span of 19 years. With a robust background in applied research and industry experience, Prasanth has successfully undertaken and managed diverse transportation projects for prominent entities like DOTD, as well as other esteemed DOTs and municipalities nationwide.</p> <p>Prasanth's project portfolio encompasses an array of transportation domains, including safety studies, access management, pedestrian and bicycle enhancements, complete streets initiatives, Stage 0 feasibility studies, traffic studies, traffic impact analyses, traffic signal timing and inventories, transportation management plans, NEPA studies, signal design, and signing and marking design. Throughout these ventures, Prasanth has adeptly employed various transportation engineering software packages such as HCS, SYNCHRO, Tru-Traffic, SIDRA, Vistro, VISSIM, CORSIM, TransCAD, ArcGIS, Microstation, and AutoCAD, showcasing proficiency in a wide range of specialized tools and technologies.</p>
05/21 – 11/22	<p>H.013025 LA 182 (University Avenue) Corridor Planning Study, Lafayette, LA - Prasanth was the lead transportation engineer for a Corridor Planning Study for LA 182, from I-10 to Cameron Street. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Prasanth was responsible for coordinating data collection, developing growth rates and design year volumes using MPO models; safety analysis using the DOTD Crash database and CATScan tools; existing and no-build intersection analysis, Tier 1 and Tier 2 analyses, and proposed alternative analysis which included roundabouts, RCUTS, and Signalized intersections with geometric improvements.</p>
10/16-12/18	<p>H.012685 LA 385 Ryan Street Feasibility Study, Lake Charles, LA: Prasanth was the project engineer responsible for developing feasible alternatives to preserve/enhance mobility and safety for all users along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included data collection, safety/crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions, and benefit/cost analysis. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.</p>

8/10 – 2/18	LADOTD Traffic Engineering Contracts – Statewide, LA. As a project engineer for numerous task orders for Signal Timing Studies and Designs, Prasanth was responsible for coordinating data collection tasks, intersection analysis, crash analysis, developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections.
01/16 – 11/17	H.012307 LA 6 Stage 0 Feasibility Study, Natchitoches, LA: Prasanth was the project engineer responsible for performing the Stage 0 Feasibility study and developing short-term and long-term solutions to improve safety and mobility for all users along the corridor. Responsible for data collection, safety analysis, and alternatives analyses which include roundabouts, R-CUT, and signalized intersections using Sychro, Sidra, and Vissim software.
01/11 – 04/12	H.005734 LA 447 Corridor Study, Walker, LA: Prasanth was the project engineer responsible for data collection, traffic forecasting, safety analysis, developing alternatives to mitigate existing corridor congestions and enhance safety and mobility for all users along the corridor. Developed microsimulation models using Vissim to perform alternative analyses which includes eight roundabout geometry intersections. The 10.2-mile study area includes 60 intersections and 64 driveways.
1/11 – 1/12	H.008915, Stage 0 Study for LA 3234 Extension, Hammond, LA: The project was conceptualized by DOTD to support intermodal connectivity at Hammond Northshore Regional Airport. Prasanth was the project engineer responsible for data collection, traffic forecasting, and traffic analysis for no-build and proposed routing alternatives. A new regional travel demand model was developed for the city of Hammond to estimate future travel demand throughout the region associated with proposed project routing alternatives.

16. Staff Experience:

Terracon Consultants, Inc.

<p>Lynne Roussel, P.E. Principal / Senior Geotechnical Engineer</p>		Years of experience with this employer		18
		Years of experience with other employer(s)		0
Degree(s) / Years / Specialization		Master of Science / 2005/ Geotechnical Engineering Bachelor of Science/ 2003 / Civil Engineering		
Active registration number / state / expiration date		P.E. 35152 / Louisiana / Exp. 3/31/2024		
Year registered		2009	Discipline	Civil
Contract role(s) / brief description of responsibilities		Geotechnical Senior Reviewer		
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).			
Career History	Lynne has managed geotechnical projects for 18 years. She has also managed several Geotechnical ID/IQ contracts for DOTD. She has performed engineering analyses using in-house computer resources and commercial software for settlement analysis, deep foundations analysis, pavement design, slope stability analysis, and lateral loading of deep foundations. She also performed analyses for the USACE for limiting pressure analyses for Horizontal Directional Drilling (HDD) projects, seepage analyses, and Method of Planes slope stability. Her software experience includes PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and APILE.			
05/18 – 02/22	IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014, Statewide, LA. DOTD Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 million.			
12/12 – Ongoing	H.003931 I-10 Lake Charles, Lake Charles, LA. DOTD. Project Reviewer. Performed quality reviews on engineering analyses and reporting.			
07/21 – 12/21	Louisiana Department of Transportation Geotechnical Retainer Contract No. 4400006191, LA. DOTD. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.			
05/18 – 11/20	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA. DOTD. Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration, including water borings in Contraband Bayou, and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed a settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from the impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.			
06/19 – 03/20	.004100 I-10 Widening, Baton Rouge, LA. DOTD. Senior Engineer. Supervised the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. The team worked safely around traffic and lane closures on the interstate near College Drive.			

04/19 – 09/20	Sarasota Drive Bridge, Baton Rouge, LA. GEC. Project Manager. Managed the geotechnical exploration project, which included the advancement of two test borings to approximately 100 feet below existing site grades. Pile capacities were developed for the bridge bents.
10/18 – 01/19	H.000133 US 80 Overpass at KCS RR. Simsboro, LA. DOTD. Project Manager. Managed the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines.
07/18 – 12/18	H.009481 LA 20 Bayou Chevreuil Bridge, St. James Parish, LA. DOTD. Project Manager in the subsurface evaluation and lab testing.
10/16 – 01/18	H.002238 Robinson Canal Bridge, Terrebonne Parish, LA. DOTD. Project Manager. Provided geotechnical engineering services for the project, including field exploration, laboratory testing, and geotechnical engineering for the bridge. Pile capacities were developed for the bridge bents.

16. Staff Experience:**Terracon Consultants, Inc.**

Steve Greaber, P.E. Principal / Senior Geotechnical Engineer		Years of experience with this employer		22
		Years of experience with other employer(s)		11
Degree(s) / Years / Specialization		Bachelor of Science/ 1989 / Civil Engineering		
Active registration number / state / expiration date		P.E. 26107 / Louisiana / Exp. 9/30/2025		
Year registered		2009	Discipline	Civil
Contract role(s) / brief description of responsibilities		Geotechnical Senior Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Career History	Steve has 22 years of experience working on a wide range of geotechnical projects. He has worked extensively on City-Parish projects as well as for commercial, industrial, transportation, and institutional clients. He is well versed in all aspects of geotechnical engineering and materials quality aspects of construction, including earthwork, concrete, masonry, asphalt, and structural steel. Steve has extensive experience in deep foundation analysis, implementation/interpretation of load testing, site modification, and improvement techniques, including but not limited to dynamic compaction, geotextile reinforced slopes, and wick drains for improvement of consolidation.			
07/18 – 10/21	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA. DOTD. Lead Design Engineer for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design-build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.			
05/18 – 01/21	H.005967: Nelson Road Extension and Bridge, Lake Charles, LA. DOTD. Senior Geotechnical Engineer. Reviewed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration that included water borings in Contraband Bayou and has provided 90% design of the substructure for the bridge over Contraband Bayou and performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.			
06/17 – 10/18	H.010006: Bayou Petit Caillou Bridge Improvements, Chauvin, LA. DOTD. Senior Geotechnical Engineer. Provided senior review the subsurface evaluation and substructure design for upgrades to the existing bridge. The services were performed for Huval and Associates through their Bridge Preservation Contract and included providing pile recommendations for support of a new bridge lift operators building and supports for traffic barriers and fender			

	replacements.
02/14 – 02/17	<p>H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA. C.H. Fenstermaker. Senior Geotechnical Engineer. Provided senior review for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.</p>
01/15 – 02/16	<p>H.010719: US 90 Ramp Improvement, Orleans Parish, LA. DOTD. Senior Geotechnical Engineer. Provided senior review of the subsurface evaluation and substructure design of this new bridge and ramp improvement project at US 90 and South Claiborne Ave. The entrance ramp to US 90 was elevated to improve traffic flow. DOTD boring logs and LRFD Pile Resistance Calculations were provided to the design engineer.</p>

16. Staff Experience:

Terracon Consultants, Inc.

Ryan Poindexter, P.E. Geotechnical Engineer		Years of experience with this employer		7
		Years of experience with other employer(s)		0
Degree(s) / Years / Specialization		Bachelor of Science/ 2013/ Engineering		
Active registration number / state / expiration date		P.E. 46285 / LA / Exp. 3/31/2024		
Year registered		2021	Discipline	Civil
Contract role(s) / brief description of responsibilities		Geotechnical Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
Career History	Ryan manages full-spectrum geotechnical projects, many of which are for LADOTD through our geotechnical retainer contract, and he has seven years of geotechnical engineering experience working for commercial, industrial, and transportation clients. His experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation, and project management. Ryan is a Certified Traffic Control Supervisor and a Certified Flagger.			
07/21 – 12/21	H.003931 I-10 Lake Charles, Lake Charles, LA. DOTD. Project Manager. Coordinated fieldwork and access, including private landowners and government agencies. Coordinated lab testing and QC-checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.			
05/20 – 01/21	H.005121 LA-1 and LA-415 Connector, Port Allen, LA. DOTD. Project Manager. Coordinated fieldwork, access, and initial lab testing prior to the project being suspended.			
07/18 – 10/21	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA. DOTD. Staff Engineer. Reviewed field logs, samples, and data. Assisted in coordinating lab testing.			
06/18 – 06/21	H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA. DOTD. Assistant to Project Manager. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation.			

06/19 – 4/20	H.004100, I-10- Widening East Baton Rouge Parish, Baton Rouge, LA. DOTD. Project Manager. The project consisted of providing a site characterization report for future improvements to the existing roadway. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway. Field exploration was completed safely over the course of multiple weeks with up to four land drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards.
10/18 – 01/19	H.000133 US 80 Overpass at KCS RR, Simsboro, LA. DOTD. Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.
07/18 – 12/18	H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA. DOTD. Assistant to Project Manager. Coordinated field activities and lab testing for this geotechnical characterization for a replacement bridge. The project consisted of soil borings and CPT soundings along the proposed alignment of the replacement. The geotechnical field exploration required extensive use of water boring equipment. Before field operations began, site visits were conducted to determine the safest and most efficient access for drilling equipment around and along. Field exploration was completed safely over the course of multiple days utilizing land, pontoon, and barge-mounted drilling equipment. Laboratory testing included compressive strength testing and testing for classifying soil samples collected in accordance with LADOTD standards.

17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)* Planning / Traffic	
LADOTD, Traffic Engineering Retainer Contract TO#1: Farmerville State and Local Roads Study			Firm responsibility (prime or sub?) Prime
Project number	H.012345.1, H012345	Owner's name	Louisiana Department of Transportation and Development
Project location	Union Parish, Louisiana	Owner's Project Manager	Ryan Hoyt, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1370 / ryan.hoyt@la.gov		
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost (\$1,000's)	\$420
Services completed by this firm (mm/yy)	10/17	Cost of consultant services provided by this firm (\$1,000's)	\$215

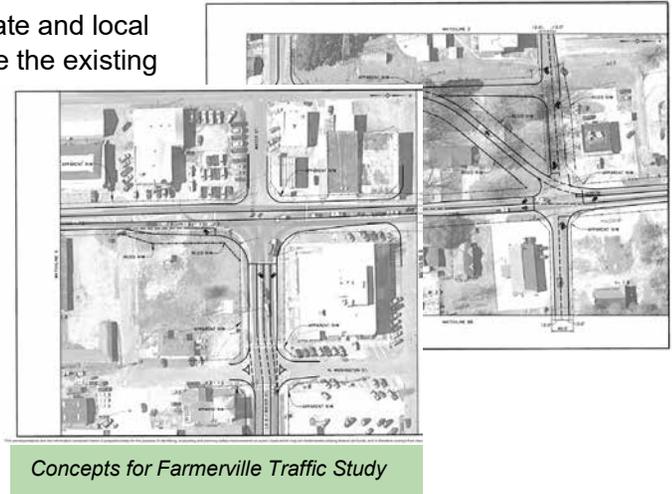
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

LADOTD contracted with Gresham Smith to prepare and coordinate a formal traffic study of various state and local roadways in and around the Town of Farmerville, Louisiana. The objectives of the study was to analyze the existing and projected future traffic conditions in and around the Town of Farmerville and to develop alternative design concepts that would improve the safety and efficiency of roadways in the study area. For this project, Gresham Smith collected and reviewed over 210 crash reports over a span of three years from both the state highway crash database and the local road crash database, Gresham Smith provided collision diagrams to document the crashes and made recommendations of improvements to reduce crashes in locations where it was applicable.

Turning movement traffic counts were collected at over 140 intersections and driveways on both state and local roadways throughout the Town of Famerville. Extensive count analyses was performed and used to develop regional growth rates for the study area. The growth rate was applied to the existing volumes to develop 2036 traffic volumes. Gresham Smith created a Synchro model of the entire study area for Existing AM and PM periods as well as a Future No Build Model. Models were also created for the various alternative designs for Future Build AM and PM scenarios.

LA 33/15, in Farmerville, is a two-lane facility that acts as the main artery through town. This roadway is fully developed and has a high truck count in addition to the local traffic. Drivers wanting to turn into business or onto side streets cause delay due to the high traffic count and lack of turn lanes. As part of the study several alternatives were developed including the possibility of a bypass around town or a designated truck route. Intersection improvements were analyzed including adding additional lanes and making operational improvements to the traffic signals.

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



Concepts for Farmerville Traffic Study

- Project Highlights**
- Data Collection
 - Traffic Forecasting
 - Capacity Analysis
 - Corridor Modeling
 - Development of Conceptual Plans and Cost Estimates
 - Presenting alternatives at public meeting

17. Firm Experience:

Gresham Smith

Past Performance Evaluation Discipline(s)* | Traffic

LA 37 (Sullivan to Liberty Road) Stage 0			Firm responsibility (prime or sub?)	Sub
Project number	4400007319, H.002297.1	Owner's name	Louisiana Department of Transportation and Development	
Project location	Central, Louisiana	Owner's Project Manager	Hong Zhang	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1421/ Hong.Zhang@LA.GOV			
Services commenced by this firm (mm/yy)	08/18	Total consultant contract cost (\$1,000's)	\$207	
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm (\$1,000's)	\$137	

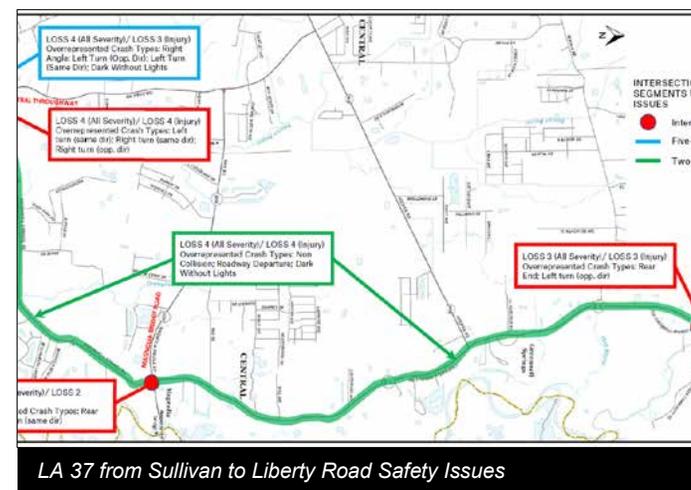
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

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

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

Gresham Smith performed the analysis for Existing, Future No Build and Future Build Alternatives. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety tool box. Traffic analysis was performed using mainly HCS and Synchro software and other software tools as needed. Some of the proposed alternatives included: widening the existing roadway to a multi-lane configuration, installation of a superstreet or j-turn configuration, roundabouts, traffic signals, the addition of paved shoulders or other geometric improvements.

Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed.



Project Highlights

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

Nature of firm's responsibility:

Subconsultant; responsible for the traffic study.

Firm members involved include:

Bert Moore, Rebecca Murray, and Brennon Hughes, Ronnie Robinson, and Richard Savoie.

17. Firm Experience

Gresham Smith		Past Performance Evaluation Discipline(s)*	
Task Order #2 - LA 73 at LA 621 Realignment			Firm responsibility (prime or sub?)
Project number	N/A	Owner's name	Ascension Parish
Project location	Prairieville, LA	Owner's Project Manager	Daniel Helms, Transportation Director
Owner's address, phone, email	P.O. Box 1659, Gonzales, LA 70737 / 225.450.1320 / Daniel.helms@apgov.us		
Services commenced by this firm (mm/yy)	10/20	Total consultant contract cost (\$1,000's)	\$118
Services completed by this firm (mm/yy)	08/23	Cost of consultant services provided by this firm (\$1,000's)	\$118

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

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

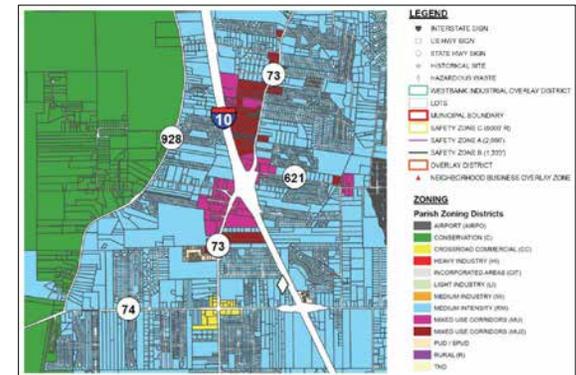
Once the model was calibrated to LADOTD's requirements, the model was modified to include the proposed alternative which will relocate the intersection of LA 73 at LA 621 1,200 feet north of its current location. This also required some access management to be implemented and some trips to be rerouted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

Nature of firm's responsibility: Prime

Firm members involved include: Bert Moore, Brennon Hughes, Kofi Ampofo-Twumasi, Payton Nickles, Rebecca Murray, Richard Savoie, and Zillah Zoletta

Project Highlights

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



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)* Road / Traffic	
US 171 MLK Boulevard Traffic Study			Firm responsibility (prime or sub?) Prime
Project number		Owner's name	Louisiana Department of Transportation and Development
Project location	Lake Charles, LA	Owner's Project Manager	Ryan Hoyt, P.E.
Owner's address, phone, email	1201 Capitol Access Road, PO Box 9424, Baton Rouge, LA / 225.379.1370 / ryan.hoyt@la.gov		
Services commenced by this firm (mm/yy)	03/17	Total consultant contract cost (\$1,000's)	\$350
Services completed by this firm (mm/yy)	03/19	Cost of consultant services provided by this firm (\$1,000's)	\$350

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

LADOTD contracted with Gresham Smith to perform a traffic study on US 171 from US 90 to LA 3059 in Lake Charles, LA. The need for the traffic study on this portion of US 171 is due to the poor progression through the study area and operation and safety concerns of the intersection of US 171 at Moeling Street which is adjacent to the US 171 at I-10 interchange. A short weaving distance is present at this intersection with vehicles traveling northbound on US 171 and vehicles exiting the interstate going northbound on US 171. This study focused on the detailed movements of vehicles at this intersection as well as the entire US 171 corridor from US 90 to LA 3059.

Project Highlights

- Traffic Study
- Traffic Analysis
- Traffic Counts

Gresham Smith was responsible for the data collection, conducting field investigations, travel time runs, reviewing crash reports, developing calibrated Vissim models for existing conditions, determining a regional growth rate, developing and modeling alternatives, and developing a project report. In order to determine a suitable growth rate, Gresham Smith reviewed historic traffic volumes counts and the existing year and future year TransCAD models. The future year TransCAD models included any project adjacent to the study area that had dedicated funding.

The study area included 3 miles of US 171, eight signalized intersections and a cloverleaf interchange with I-10. The segment of US 171 south of I-10 is a four-lane divided arterial (1 mile). North of I-10, US 171 is a six-lane to Lynn Street (three lanes northbound; two lanes southbound) roadway with a two-way-left-turn-lane (TWLTL) (0.75 miles), from Lynn Street to Walmart, US 171 is a five-lane segment with a TWLTL (0.75 miles), and from Walmart to LA 3059, US 171 is a four-lane roadway with a painted median (0.5 mile).

The traffic count data collected was used to create Vissim models of the study area. These models will be calibrated to accurately represent existing traffic patterns along the corridor. Alternative solutions were analyzed with additional models and conceptual designs for potential solutions were developed.

Nature of firm's responsibility: Prime
Firm members involved include: Bert Moore, Brennon Hughes, and Rebecca Murray

17. Firm Experience

Gresham Smith		Past Performance Evaluation Discipline(s)*		Road/Traffic
Task Order #6 – LA 14: US 90 to Power Center Pkwy Traffic Report			Firm responsibility (prime or sub?)	Prime
Project number	H.0150886.5	Owner's name	Louisiana Department of Transportation and Development	
Project location	Lake Charles, LA	Owner's Project Manager	Jessica DeVille	
Owner's address, phone, email	1201 Capitol Access Road, PO Box 9424, Baton Rouge, LA / 225.379.1143 / Jessica.DeVille@la.gov			
Services commenced by this firm (mm/yy)	8/2022	Total consultant contract cost (\$1,000's)	\$304	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$277	

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

Gresham Smith was selected by LADOTD to prepare and coordinate 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 Center Pkwy. The objective is to analyze existing conditions along LA 14 in Lake Charles and improve signal safety/operation, access management, as well as pedestrian mitigation improvements if necessary. The study along the 3-mile corridor follows LADOTD's Traffic Engineering Process and Report (TEPR) requirements and consists of nineteen (19) study intersections – both signalized and unsignalized.

Gresham Smith performed the analysis for Existing, Future No Build and Future Build Alternatives. Traffic analysis was performed using mainly HCS and Synchro software and other software tools as needed. Existing safety analysis was performed by reading historic crash reports and using the LADOTD CATScan spreadsheet to determine Level of Service of Safety (LOSS) for segments and intersections. All build alternatives take into consideration the accommodations for pedestrians and bicycles utilizing the corridor. Improvements include sidewalk continuation, pedestrian crossings, revised access management, and intersection geometric improvements.

Nature of firm's responsibility: Prime
Firm members involved include: Bert Moore, Brennon Hughes, Richard Savoie, Alben Cooper, Rebecca Murray, Payton Nickles, Kofi Ampofo-Twumasi, and Zillah Zoleta

Project Highlights

- Data Collection
- Detailed Field Observations including Bike & Pedestrian Activity
- Safety Analysis
- Capacity Analysis
- Build Alternative Development & Comparison



17. Firm Experience

Civil Design & Construction, Inc. (CD&C)		Past Performance Evaluation Discipline(s)*		Survey	
St. Mary Street Sidewalks				Firm responsibility (prime or sub?)	
		Sub			
Project number	H.011833.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	Scott, LA	Owner's Project Manager		Ryan Richard	
Owner's address, phone, email	1201 Capitol Access Road, PO Box 9424, Baton Rouge, LA / 225.379.1232 / Ryan.Richard@la.gov				
Services commenced by this firm (mm/yy)	8/2021	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$65
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

Project Description: This project in Scott, LA, is to improve pedestrian movement and add sidewalks along the corridor. The survey limits began approximately 200' before the centerline intersection of St. Mary Street and Park West Drive, then continued South to the intersection of St. Mary Street and Cameron Street (LA 93) for an estimated total distance of one (1) mile. The survey width included ten (10) feet outside of the apparent right of way. All side streets were surveyed sixty (60) feet from the intersection of the centerline with the St. Mary Street Centerline.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech

Performed in LA: 100%



17. Firm Experience

Civil Design & Construction, Inc. (CD&C)		Past Performance Evaluation Discipline(s)*		Survey	
LA 30 Roundabouts at Tanger I-10				Firm responsibility (prime or sub?)	
				Sub	
Project number	H.010960.5-2	Owner's name	Louisiana Department of Transportation and Development		
Project location	Ascension Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Road, PO Box 9424, Baton Rouge, LA / 225.279.1232 / Josh.harrouch@la.gov				
Services commenced by this firm (mm/yy)	07/17	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)			\$85

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

Project Description: This project located in Ascension Parish is an addition to existing topographic surveys for H.011897.5 and H.011873.5. A complete topographic survey including all utilities with depths and all drainage is required, along with finish floor elevations of all buildings that fall within the survey limits. Project begins at a point approximately 765' west of the intersection of LA 30 and South St. Landry Avenue. From this point the project shall proceed east, along LA 30 ending approximately 500' west of the intersection of LA 30 and Veterans Boulevard. The project total distance is approximately 3,352'. The width of survey and DTM shall vary.

In 2018, CD&C was supplemented to update this survey to account for construction that was being completed along the route. As part of this supplement, the firm also was scoped to complete an existing drainage map for the project.

CD&C's Role: CD&C completed a topographic survey between H.011897.5 and H.011873.5 along LA 30 in Gonzales. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Control was set for the scanning throughout the project limits. CD&C coordinated with Cardno, Inc. (on utility location retainer with LADOTD) for all the utility information and supply the survey data back to Cardno for their submittal. Another aspect of this project is CD&C had to merge the previous surveys with this project in order to make a complete survey of the LA 30. This was performed at the request of LADOTD.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech

Performed in LA: 100%

17. Firm Experience

Civil Design & Construction, Inc. (CD&C)		Past Performance Evaluation Discipline(s)*		Survey	
Verot School Road				Firm responsibility (prime or sub?)	
				Sub	
Project number	H.011235	Owner's name	Louisiana Department of Transportation and Development		
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle (Huval & Assoc.)		
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 70507 337-234-3798 tgattle@huvalassoc.com				
Services commenced by this firm (mm/yy)	8/16	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm (\$1,000's)			\$435

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

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

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

Members Involved: Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief

Performed in LA: 100%



17. Firm Experience

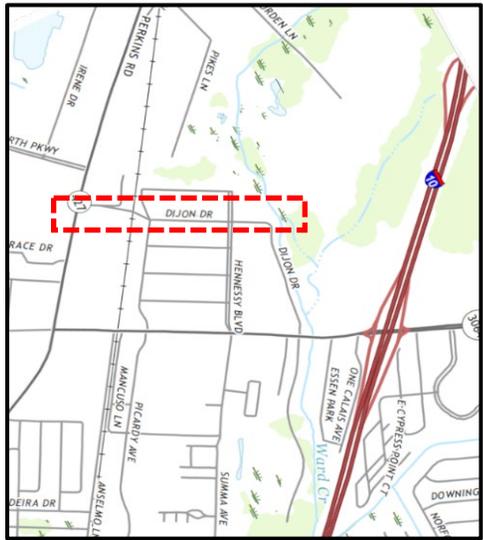
Svaapta Group, LLC		Past Performance Evaluation Discipline(s)*		Traffic	
BREC Ward's Creek Trail & Health Loop				Firm responsibility (prime or sub?)	
Project number		N/A		Owner's name	
Project location		Baton Rouge, LA		Owner's Project Manager	
Owner's address, phone, email		6201 Florida Boulevard, Baton Rouge, LA 70806 / 225.273.6405 EXT 1701 / kelly.duggan@brec.org			
Services commenced by this firm (mm/yy)		04/2023		Total consultant contract cost (\$1,000's)	
Services completed by this firm (mm/yy)		06/2023		Cost of consultant services provided by this firm (\$1,000's)	

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

The Svaapta Group undertook an extensive traffic engineering study on Dijon Drive, located in Baton Rouge, LA, between the proposed Ward's Creek Trail and Railroad Crossing. The primary objective of this study was to establish suitable facilities that accommodate bike riders and pedestrians on both sides of Dijon Drive, effectively linking the future Ward's Creek Trail to Perkins Road.

The study encompassed several key tasks, which are outlined below:

1. **Safety Analysis:** A thorough assessment was conducted, utilizing five years' worth of crash data, in accordance with the standards mandated by the Department of Transportation and Development (DOTD). This analysis served to identify potential safety issues and recommend appropriate measures to address them effectively.
2. **Data Collection:** Comprehensive data collection efforts were carried out, including 24-hour volume counts and turning movement counts at intersections during peak periods. Additionally, field investigations were conducted to evaluate any existing geometric deficiencies and observe peak period traffic patterns along the study area.
3. **Intersection Analysis:** A detailed analysis of peak period traffic conditions was performed to identify any operational challenges at intersections. Furthermore, intersection analyses were conducted to evaluate proposed alternatives.
4. **Intersection Alternatives:** Considering the existing operational conditions and geometric constraints, new intersection alternatives were proposed to enhance intersection geometry and incorporate ADA-compliant features, ensuring safer facilities for pedestrians and cyclists.
5. **Corridor Alternatives:** Efforts were made to identify and provide sidewalks within the existing right-of-way, offering pedestrians accessible pathways.
6. One of the recommended alternatives involved converting the existing skewed four-legged intersection into two separate three-legged right-angled intersections.



By conducting this comprehensive study and adhering to relevant ADA guidelines, the Svaapta Group delivered a robust analysis of Dijon Drive, ultimately providing bike lanes and ADA-compliant sidewalks to establish a connection with the proposed Ward's Creek Trail.

17. Firm Experience

Svaapta Group, LLC		Past Performance Evaluation Discipline(s)*		Traffic
Commerce St at Ferdinand St – Intersection Study			Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner’s name	Town of St. Francisville	
Project location	St. Francisville, LA	Owner’s Project Manager	Laurie Walsh	
Owner’s address, phone, email	11936 Ferdinand Street, St. Francisville, LA 70775 / 225.635.3688 / lwalsh@townofstf.com			
Services commenced by this firm (mm/yy)	03/2023	Total consultant contract cost (\$1,000’s)		
Services completed by this firm (mm/yy)	03/2023	Cost of consultant services provided by this firm (\$1,000’s)		

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

The Svaapta Group conducted a comprehensive traffic engineering study for the Commerce Street and Ferdinand Street intersection in St. Francisville, LA. The purpose of this study was to support the removal of the existing traffic signal and propose suitable traffic control measures for the intersection. The study was conducted as part of the Commerce Street Betterment Project, which aims to enhance walkability, implement ADA-compliant sidewalks, reduce vehicle speeds, and promote tourism in the area.

Adhering to the guidelines outlined in Chapter 4 of the Manual of Uniform Traffic Control Devices (MUTCD), the Intersection Traffic Engineering Study encompassed the following tasks:



1. Safety Analyses: A detailed evaluation was carried out using 10-year crash data in accordance with the standards set by the DOTD. This analysis helped identify potential safety concerns and recommended appropriate measures to mitigate them.
2. Intersection Sight Distance Analysis: An assessment was conducted to determine the visibility at the intersection. Based on the findings, suitable countermeasures were proposed to improve sight distance and ensure safer conditions for motorists.
3. Traffic Data Collection: Volumes of traffic approaching the intersection, as well as speed data, were collected over a 24-hour period. This information was crucial for understanding traffic patterns and facilitating accurate decision-making.
4. Traffic Signal Warrant Analysis: A thorough examination was conducted to assess the necessity of a traffic signal at the intersection, as outlined in Chapter 4C of the MUTCD. The warrant analysis determined if the signal was warranted based on factors such as traffic volume, pedestrian activity, and safety considerations.
5. Traffic Control Recommendations: In line with the guidelines presented in Chapter 4B of the MUTCD, appropriate traffic control measures were recommended for the intersection. These recommendations aimed to optimize traffic flow, enhance safety, and accommodate the goals of the Commerce Street Betterment Project.
6. Intersection Sight Distance Countermeasures: Following the guidelines in Chapter 2B of the MUTCD, suitable countermeasures were suggested to address any deficiencies in intersection sight distance. These measures aimed to improve visibility and ensure adequate reaction time for drivers.

By conducting this comprehensive study and adhering to the relevant MUTCD guidelines, the Svaapta Group provided a robust analysis of the Commerce Street and Ferdinand Street intersection, supporting the justification for removing the existing traffic signal and proposing appropriate traffic control measures for the intersection.

17. Firm Experience

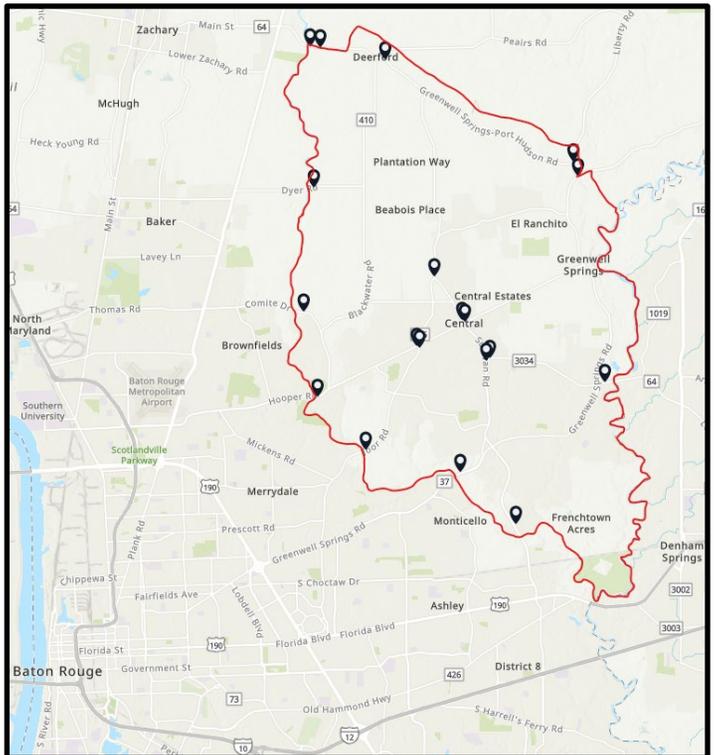
Svaapta Group, LLC		Past Performance Evaluation Discipline(s)*		Traffic	
City of Central – Traffic Counts				Firm responsibility (prime or sub?)	
				Sub	
Project number	N/A	Owner’s name	City of Central, LA		
Project location	Central, LA	Owner’s Project Manager		Ray Louis	
Owner’s address, phone, email	13421 Hooper Road, Central, LA 70818 / Ray.louis@central-la.gov				
Services commenced by this firm (mm/yy)	09/2023	Total consultant contract cost (\$1,000’s)			9
Services completed by this firm (mm/yy)	10/2023	Cost of consultant services provided by this firm (\$1,000’s)			9

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

The comprehensive traffic assessment conducted by The Svaapta Group spanned the entirety of the City of Central, LA. The primary objective of this study was to meticulously analyze and ascertain 24-hour traffic volumes, specifically focusing on the detailed classification of trucks, along the various routes that serve as entry and exit points for the city. Ensuring a rigorous adherence to the guidelines set by the Federal Highway Administration (FHWA) for vehicle classification, our team meticulously conducted the counts.

In addition to the traffic counts, The Svaapta Group played a pivotal role in collaborating with the City to enhance the utility of the collected data. This involved a dedicated effort to reformat the traffic counts in alignment with the specified templates provided by the Louisiana Department of Transportation and Development (LADOTD) Section 21, particularly the Data Collection & Management Systems Section. This collaborative approach aimed to streamline the data presentation and ensure compatibility with the established standards set by the regulatory framework.

The traffic counts themselves were executed utilizing state-of-the-art machine tube counts, leveraging advanced technology to enhance the precision and efficiency of the data collection process. This innovative methodology not only reflects our commitment to employing cutting-edge techniques but also underscores our dedication to providing the City of Central with accurate and insightful traffic information for informed decision-making and planning.



17. Firm Experience

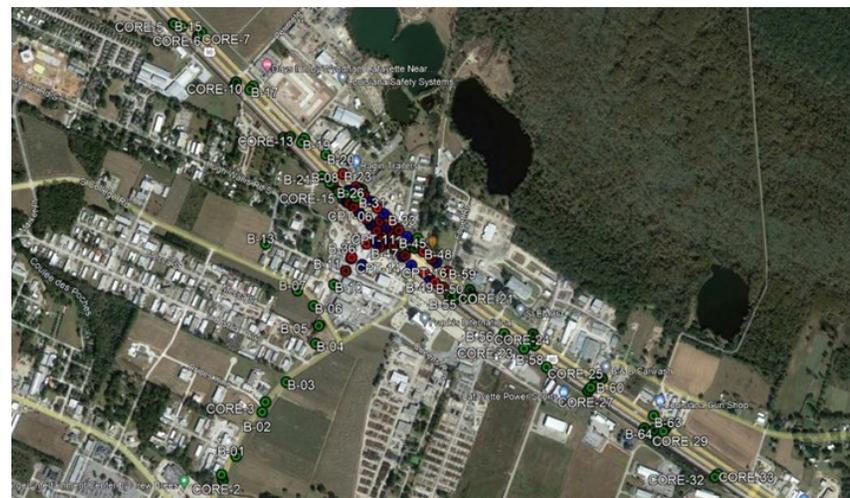
Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
I-49 South at Verot School Road				Firm responsibility (prime or sub?)	
				Sub	
Project number	H.011235	Owner's name	Louisiana Department of Transportation & Development		
Project location	Lafayette, LA	Owner's Project Manager	Corey Landry, P.E.		
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA, 70802; (225) 379-1387; corey.landry@la.gov				
Services commenced by this firm (mm/yy)	06/18	Total consultant contract cost (\$1,000's)			\$442
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)			\$442

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

Terracon was the geotechnical subconsultant to Huval and Associates. Terracon performed 30 deep borings, 67 shallow borings, including 33 located within the existing roadways, 15 CPT soundings, lab testing, installed and monitored piezometer, and prepared soil surveys and boring logs for planned new bridges, roadway widening, and retaining wall structures.

Prior to mobilizing exploration equipment, Terracon's drilling manager and drilling personnel conducted extensive site visits to mark boring locations, meet with private landowners and utility locators, and verify boring access and site conditions. Terracon coordinated field activities with DOTD district personnel, including the required traffic control. Traffic control, including shoulder and both daytime and overnight lane closures, were required to complete several borings. Terracon mobilized multiple pieces of exploration equipment to complete all fieldwork in a timely and provided regular updates to team members about the project.

After completing the field exploration and lab testing programs, Terracon prepared pile nominal resistance calculations for the planned bridge substructures in accordance with DOTD standards. Terracon additionally performed stability and settlement analyses for the MSE Walls. Terracon communicated with the design team and updated the analyses and recommendations throughout the design process, as necessitated by changes in the design.

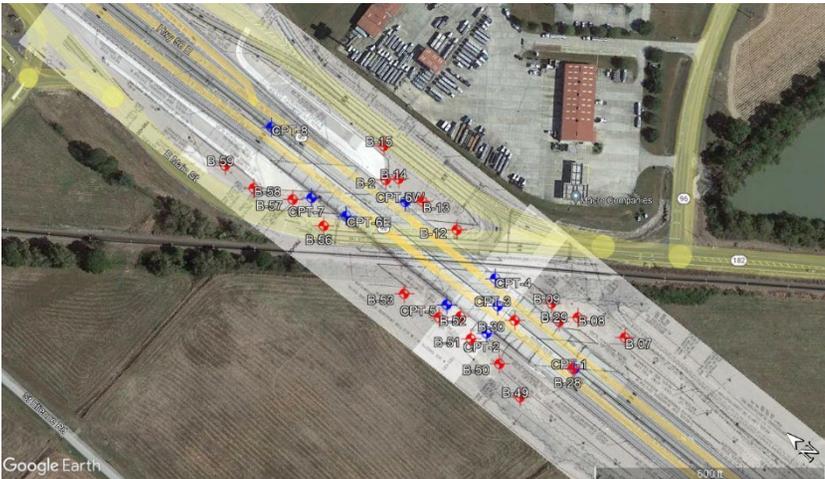


Key Members: Lynne Roussel McMillen, Steve Greaber, Ryan Poindexter, Brian Alexander, Matthew Minton

17. Firm Experience

Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
Us-90 (I-49 South) Albertsons Parkway Design Build				Firm responsibility (prime or sub?)	
		Sub			
Project number	H.011235	Owner's name	Louisiana Department of Transportation & Development		
Project location	Lafayette, LA	Owner's Project Manager	Peggy Jo Paine, P.E.		
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA, 70802; (337) 475-4287; Peggy.Paine@la.gov				
Services commenced by this firm (mm/yy)	02/15	Total consultant contract cost (\$1,000's)		\$350	
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)		\$350	

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



Terracon provided the geotechnical design of the substructure of two bridges and global stability and settlement analysis for several MSE walls to be constructed as part of this design-build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors or pile order lengths to accommodate slight variations in nominal capacity obtained at each bent.

Terracon also provided construction phase support to the design-build contractor in evaluating settlement monitoring data for the MSE walls for compliance with the contract requirements, pile bent acceptance, resolving NCRs, and supporting the evaluation of RFIs.

Key Members: Lynne Roussel McMillen, Steve Greaber, Ryan Poindexter, Brian Alexander, Matthew Minton

17. Firm Experience

Terracon Consultants, Inc.		Past Performance Evaluation Discipline(s)*		Geotech	
Nelson Road Extension and Bridge				Firm responsibility (prime or sub?)	
				Sub	
Project number	H.011235	Owner's name	Louisiana Department of Transportation & Development		
Project location	Lafayette, LA	Owner's Project Manager	Kristy Smith, P.E.		
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA, 70802; (225) 379-1387; Kristy.Smith2@la.gov				
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)			\$364
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)			\$364

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

Terracon provided soil borings, lab testing, boring logs, and engineering for a planned roadway extension and bridge. Provided pile nominal capacity calculations and recommendations for resistance factors for design. Provided design support for impact dolphins to be placed in front of the bridge to protect the superstructure from impact by large ships from the adjacent Port of Lake Charles.

Key Members: Lynne Roussel McMillen, Steve Greaber, Ryan Poindexter, Brian Alexander, Matthew Minton



18. Approach and Methodology:

The Gresham Smith Team

The Gresham Smith Team offers the LADOTD Traffic Section a partnership with both years of experience serving the department as employees and delivering successful projects, ahead of schedule, and in strict accordance with all LADOTD procedures and the Traffic Engineering Process and Report (TEPR) guidelines for several years. For this contract, Gresham Smith has committed to helping LADOTD deliver on this undertaking, and we have put together a proven, experienced team.

Gresham Smith will lead this project, managing, coordinating, performing, and reviewing the deliverables of our team. Gresham Smith has held a previous Traffic Engineering Retainer Contract and completed numerous standalone projects for the LADOTD Traffic Engineering section. **Svaapta Group, LLC** will provide traffic data collection services for this contract.

As you have seen in our resumes, several of our team members, both at Gresham Smith and our talented subconsultants, have worked very closely with LADOTD Traffic Engineering staff as either co-workers, through past project experiences, or through participation in professional organizations such as ITE. Members of our team have previously worked as employees of LADOTD at the headquarters level and at the district level, including our Project Executive Bert Moore, who was previously the District 61 Traffic Operations Engineer of LADOTD. Since leaving LADOTD to join Gresham Smith, Bert has served the Traffic Engineering Section as a trusted advisor and has led our team to the successful delivery of numerous large traffic studies and design projects for LADOTD under both a previous Traffic Engineering Retainer Contract and standalone projects.

Study Background

This project is deemed a priority for Beaux Bridge in the 2012 Comprehensive Transportation Plan. The new roadway is anticipated to be a 2-lane median divided Urban Minor Arterial with open drainage and sidewalks. The new roadway is expected to be owned and maintained by Breaux Bridge.

Coordination: Gresham Smith will coordinate with the City of Breaux Bridge, LADOTD and the local MPO.

Environmental: The majority of the land for the proposed roadway is

vacant so the environmental impact is expected to be minimal. Bayou Teche intersects with E. Mills Ave approximately 1,900 ft south of LA 328.

Traffic Operations: The new roadway will create a north leg to the E. Mills Ave at LA 328 intersection. E. Mills is currently a 2-lane roadway with a two-way left turn lane and a posted speed limit of 45 mph. The new roadway is expected to alleviate congestion on surrounding roadways that currently connect LA 328 and Parish Road 214.

Based on the Stage 0, the majority of stakeholders and residents in the area are in favor of the new roadway.

Our Project Approach

Gresham Smith's local Baton Rouge office consists of a mix of senior engineers, engineers, and engineer interns who will be dedicated to the project. Our offices are located less than 10 miles from LADOTD headquarters should we need to meet in person to discuss any time sensitive issues. In addition to our talented local staff, we are committing regional experts to support our team as needed as technical resources. We currently have 11 staff at various levels who have completed all three levels of the LADOTD Traffic Engineering Process and Report (TEPR) Training, and we have additional staff that are committed to earning the certifications once they are offered again. The bulk of the traffic analysis and design work will mainly be performed by engineers, with QC and guidance from senior engineers and regional experts as needed. Detail work and plan development will mostly be performed by engineer interns, with QC and guidance from both engineers and senior engineers. The Gresham Smith Team plans to complete all analysis and design in accordance the current DOTD TEPR guidelines, Complete Streets Policy, EDSMs, Highway Safety Manual (HSM), Design Guidelines, the MUTCD, LADOTD's latest software and deliverable standards including MicroStation, Inroads, Design Manuals and Guidelines.

QA/QC

Gresham Smith will manage the entire project and recognizes that providing a complete, accurate and quality product is our responsibility. Project manager, Alben Cooper II, P.E., PTOE, will develop a customized QAQC plan specifically for this contract once our team is selected using our Five-Step Quality Program as the guideline for QAQC. The quality control plan will identify the process to ensure the professional quality and

technical accuracy of all documentation and calculations provided under this retainer contract. The plan will also address the details of our review process. Gresham Smith will perform off team QAQC reviews for all work performed by other team members in accordance with our QAQC plan. We will ensure that all team members follow the QAQC plan developed for this project. QC backup will also be provided for each submittal to Gresham Smith.

The Gresham Smith Team's knowledge and familiarity with the LADOTD Traffic Section, their processes and procedures, and a specific QAQC plan could also be applied to assist the department with program management services in order to supplement the LADOTD traffic engineering staff, if so desired under this contract. As evident in the resumes included within this proposal and as previously discussed, many of the staff included on our team are staff are former LADOTD employees and have assisted with preparation of numerous design guidelines and manuals for the department in the past. Additionally, we all have working knowledge and are very familiar with the requirements and expectations that the LADOTD traffic section has for work performed for the department.

Kickoff Meeting

Once all the details of the scope have been negotiated, the kickoff meeting will be held at the DOTD District office in Lafayette. The Gresham Smith team will arrange the meeting and prepare an agenda that will be provided to LADOTD a week in advance of the meeting. In attendance will be LADOTD traffic engineering project manager and associated staff, the district traffic operations engineer as well as other district personnel, representatives from other applicable sections from LADOTD, local stakeholders, and the Gresham Smith team. The goal of the meeting will be to discuss the project schedule, scope of services, traffic study MOE's, review additional information, establish communication schedules and protocols to ensure all stakeholders are aware of these items. After the meeting, Gresham Smith will prepare meeting minutes with action items for all participants and send it out for review and confirmation.

Traffic Study

Gresham Smith will perform a traffic study for the extension of LA 94 (E. Mills Ave) from LA 328 to Parish Road 214 (Doyle Melancon Extension) which is needed to alleviate congestion in the area by providing an alternate route and rerouting traffic from Bridge St, Grand Pointe Hwy and Rees St.

Gresham Smith shall perform the study in accordance with the DOTD TEPR guidelines, Complete Streets Policy, applicable EDSMs, HSM, Design Guidelines and other applicable manuals and guidelines. As illustrated throughout our proposal, through our previous contracts we have performed all types of studies following these manuals, policies, procedures and guidelines.

Data Collection

Traffic engineering is a data driven process. Regardless if the scope is an interchange study, a corridor study or a traffic signal design, collection of traffic data is essential. Because of this, Svaapta Group, LLC is on our team specifically for Traffic Data Collection.

Gresham Smith will utilize the 2018 data collected for the LA 328 (Rees St) Corridor Study, State Project H.013023, April 2020, and the subsequent peak periods determined based on this data. Gresham Smith will collect peak hour turning movements counts at LA 328 and LA 94 to confirm the validity of the 2018 data. Additional turning movement counts with classification data will be collected at the following locations:

- LA 328 (Rees St) at E. Mills Ave
- Latiolais Dr at Doyle Melancon Ext. (Par Rd 214)
- Lion Castille Rd at Doyle Melancon Ext. (Par Rd 214)

Our team will perform the field observations to verify geometry of the roadways/intersections and to observe the existing traffic conditions which may provide insight not included within the traffic data. In our experience, some of the information we have gathered from field observations includes bus stops impeding traffic, driveways with poor geometry or too close to intersections, and pedestrian demand in unexpected locations. During the observations, special attention will be given to pedestrian activity in the area and the activity on the railroad that crosses E. Mills Ave just south of Bernard St.

The growth rates determined as part of the LA 328 (Rees St) Corridor Study, State Project H.013023, April 2020, will be utilized.

Existing Safety Analysis

Once the final data collection is approved, we will begin performing the existing safety and existing and no build analysis concurrently in order to minimize the study schedule. The safety analysis will include review of the crash history within the study area for the last three (3) years and identification of crash trends. The results of the initial crash trend evaluation will be submitted to LADOTD for review. If crash trends can be

identified then a detailed crash analysis will be performed for a single year of data. If crash trends can not be identified then a detailed crash analysis will be performed for all 3 years of data. In addition, crash data will be evaluated for pedestrian crashes for the last five (5) years. The crash data analysis will help us identify conditions that could be improved with the proposed alternatives to improve safety. One thing our staff has developed is that we have been able to automate the creation of crash diagram using spreadsheets and GIS tools.

Existing and No Build Analysis

The existing traffic analysis will be conducted using HCS analysis. Multi-period analysis will be performed at all signalized intersections. Once the existing analysis has been completed, we will use the traffic growth rates to develop future no build volumes and perform the analysis again using these future volumes with the existing geometry and control. The results of the analysis will be submitted to LADOTD for review and will be followed up with a meeting to discuss the results. The results of the existing and no build analysis will help us identify capacity deficiencies that could be mitigated by potential improvements.

Potential improvements will be initially evaluated using a high level qualitative comparative analysis to evaluate which proposed alternatives will move forward for detailed consideration. Various types of configurations and control types will be considered. The categories that could be used to evaluate these alternatives could include operations, costs, Right-Of-Way, environmental impacts, and other impacts, such as impacts to accessor social impacts created by separating communities. Analysis results and potential improvements will be discussed through the Existing and No Build Results meeting with LADOTD and some alternatives will be eliminated from future consideration if they are deemed not feasible or expected to perform poorly.

Alternative Analysis

The alternative analysis process will continue with the redistribution of volumes for the new alternative configurations and build alternative analyses. The same MOEs that were previously determined will be used to the performance of the proposed alternatives. Additionally, high level designs and cost estimates of the new alternatives in accordance with LADOTD's design policies and guidelines will be developed and led by Gresham Smith's roadway design team. At this stage, a quantitative comparison will be performed to show in detail how each alternative will compare to the others. The categories that could be used to evaluate these alternatives could include construction costs, required Right-Of-

Way, traffic operational performance, safety and utility conflicts. After this evaluation is completed, it may be necessary to perform additional analysis to identify the best solution. If one alternative is a clear solution, the process will be completed with the development of the draft report.

Traffic Report

Once the draft report has been reviewed by LADOTD, the final meeting will be held to discuss the report and any comments that LADOTD may have before the report is finalized. This may also require the development of a Benefit / Cost ratio that compares the savings in reduced delay and crashes to the overall cost of the proposed improvements.

Additional Services

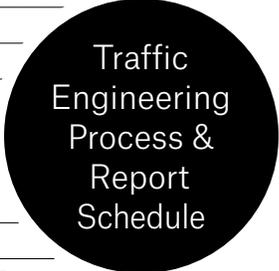
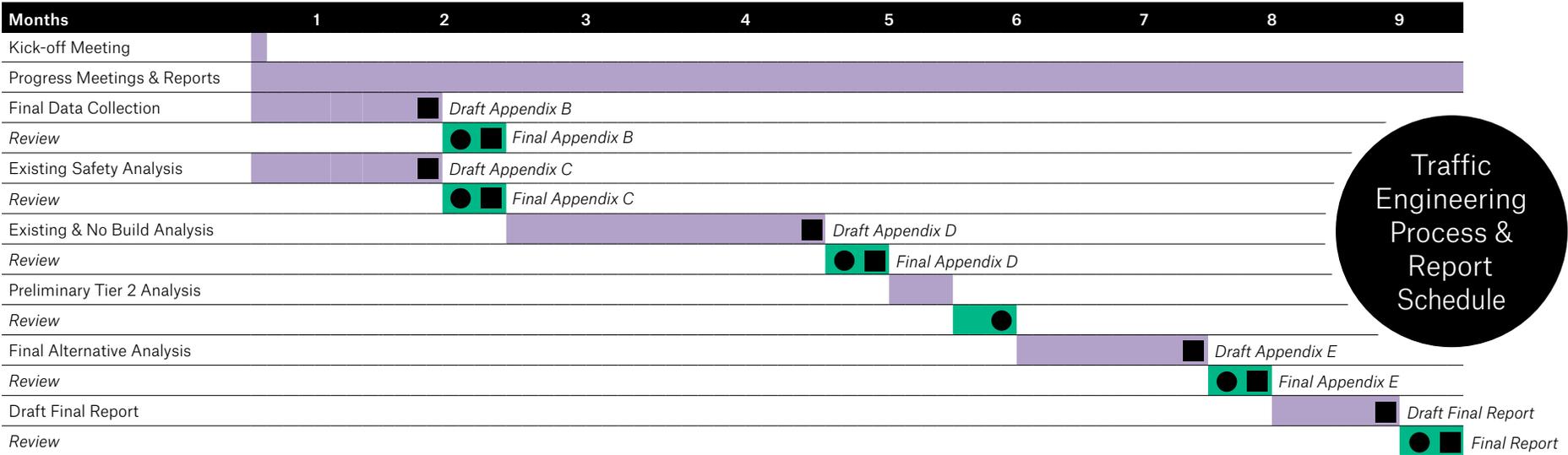
The following additional services can be provided upon authorization by LADOTD via Supplemental Agreement(s).

- **Surveying Services:** Should additional services be authorized via supplemental agreement, the first step in the design process will be the initial topographic and property survey. This includes locating and establishing ownership of all potentially affected utilities. Civil Design & Construction will perform the surveying for our team on this project. These services will also include furnishing an existing drainage map, title take-offs, along with producing Base and Final Right-of-Way Maps once the limits of construction have been established.
- **Traffic Services:** Traffic Data will be collected at the intersection by Svaapta Group. The traffic volumes and classification counts will be used to determine the pavement design for the project.
- **Geotechnical Services:** Terracon is on board to handle all Geotechnical services for the project. These services will include obtaining and analyzing shallow soil borings in reconstruction and overlay areas approximately every 1000' along the alignment. Additionally, a subgrade soil survey will be performed in all new construction and widened areas. Finally, PH & Resistivity information will be obtained at pipe crossings/locations.

- Preliminary & Final Plans:** Preliminary Plans are expected to comprise of a 30%, 60%, 90%, and 100% submittal. The 30% submittal will consist of the Title Sheet, Proposed Typical Section, and Plan Profile Sheets. Subgrade Soil survey information and shallow boring services by Terracon will commence at this point. The plans will undergo a geometric review at this submittal. The 60% submittal will consist of updated Typical Section and Plan Profile sheets, Drainage Plan Profile sheets along with hydraulic calculations. A design drainage map will be developed and included at this time. The plans will also include geometric details, cross sections, and summary tables. The plans will undergo a hydraulics and geometrics review. The 95% submittal will add suggested sequence of construction sheets and suggested temporary erosion control sheets to the plans. This is the first major plan submittal. A Plan-in-Hand meeting and site visit will be scheduled following the submittal. This meeting will be attended by the Gresham Smith Design Team, along with representatives from both LADOTD and the City of Breaux Bridge. Any design waivers or design exceptions needed for the project will be submitted at this time. The 100% Preliminary Plan submittal will have addressed all Plan-in-Hand comments and consist of the Final ROW taking lines to initiate the ROW Map development and utility relocation agreements. A Joint Plan Review Meeting will be held at this time to discuss the Base ROW Maps and utility relocations. The Final Design process is expected to be comprised of a 60%, 95%, 98%, and 100% submittal. All Final Plan

submissions will consist of the full plan set. The Final Plan Development cannot proceed until the environmental clearance has been received. The 60% Final Plans will undergo a final geometric and drainage review. The 95% Final Plans are the second major plan submittal of the design process. Gresham Smith will submit a completed Constructability Biddability Review form at this time. Also included is an updated Cost Estimate, Design Report Form, Storm Water Pollution Prevention Plan (SWPPP form), utility conflicts list, completed Contract Time Worksheet and responses to all comments received on previous plan submissions. The 98% Final Plans will go to the DOTD Contracts & Specifications section for review. The Construction Proposal will be developed at this time. Included with this plan submittal is the updated cost estimate, any needed Design Waiver request form (signed and sealed) and the Final QA/QC Form. Also, the plans will be sent to the DOTD Plan Quality Unit for a QA/QC Check. The Engineer's Construction Cost Estimate will be finalized at this point. The 100% Final Plans submittal will consist of furnishing the Full-Size Plan Set. The Plans will be signed, sealed, and dated by the Engineer of Record.

- Construction Services:** The Gresham Smith team will be prepared to review and address RFIs throughout the entirety of construction. We will have open lines of communication with both DOTD and the Contractor. We will be ready and available to meet on-site as needed.



24-102

Sections 19-23

19. Workload:

Firm All firms must be represented in this table	Past Performance Evaluation Disciplines(s) *	Contract Number & State Project Number	Project Name	Remaining unpaid balance**
Gresham Smith	Traffic	H.12018.5	Lafayette Adaptive Traffic Signals	\$54,544
Gresham Smith	CE&I/OV	H.011500.6	Lake Charles ITS Phase 3	\$39,874
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#7	\$50,363
Gresham Smith	Road	H.013720	LRSP/STRPPP Bonner Street Bridge Pedestrian Improvements	\$4,544
Gresham Smith	Road	H.013767.5	LRSP/STRPPP Signs and Striping - St. Landry and St. Martin Parishes	\$2,111
Gresham Smith	Road	H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	\$48,629
Gresham Smith	Traffic	H.015086.5	LRSP/STRPPP LA 14	\$70,461
Gresham Smith	Road	H.014629.5	LRSP/STRPPP Lafourche Signing and Striping	\$4,759
Gresham Smith	Road	H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping	\$112,091
Gresham Smith	Road	H.015196.5	LRSP/STRPPP DeSoto Signing and Striping	\$42,493
Gresham Smith	Planning	H.010074.1	LA 70 at LA 3089 Stage 0	\$118,565
Gresham Smith	CE&I/OV	H.009308.6	TO #1 New Orleans DPW SRTS Sidewalk Project	\$1,924
Gresham Smith	CE&I/OV	H. 013256.6	I-10 Scott to Lake Charles ITS CEI	\$6,881
Civil Design & Construction, Inc.	Survey	H.011235.5	I-49 South @ Verot School Rd	\$21,849
Civil Design & Construction, Inc.	Survey	H.012618	LA 347 Drainage Improvements	\$187,870
Svaapta Group LLC	None	None	None	None
Terracon Consultants, Inc.	Environmental	H.015012	OSB Washington Parish	\$3,300
Terracon Consultants, Inc.	Geotech	4400025027	IIJA Off-System Bridge Program	\$165,000
Terracon Consultants, Inc.	Environmental	H.014979	OSB Acadia Parish – Airport Road S.P. H.014979	\$3,300
Terracon Consultants, Inc.	Geotech	H.015511	IIJA Off-System Bridge	\$271,000
Terracon Consultants, Inc.	Geotech	4400024651 H.005967	Nelson Road Ext	\$200,883
Terracon Consultants, Inc.	Geotech	H.015338	Off-System Bridge Replacement	\$180,000
Terracon Consultants, Inc.	Geotech	4400019014 H.012048.5	Castor Creek and Relief Bridges	\$248,823
Terracon Consultants, Inc.	Geotech	4400019014 H.012537	LA 154, LA 157 – Red Chute BYU & Flat RVR BRS	\$77,709
Terracon Consultants, Inc.	Geotech	4400019014 H.003931.5	I-10 Calcasieu River Bridge Additional Borings	\$109,275

Terracon Consultants, Inc.	Geotech	4400006191 H.385	I-49 Frontage Road Bridges PDA Testing	\$195,099
Terracon Consultants, Inc.	Geotech	4400006191 H.005121	US 190 - LA-1 and LA 415 & RR OVERPASS REPL	\$214,775
Terracon Consultants, Inc.	Geotech	4400006191 H.005121	LA-1 and LA-415 Connector	\$229,459
Terracon Consultants, Inc.	Environmental	4400012893 (SA 1) H.004273.5	I-49 Connector	\$25,197
Terracon Consultants, Inc.	Geotech	H.011235.5	I-49 at Verot School Road	\$24,409
Terracon Consultants, Inc.	Geotech	H.011670	Loyola Interchange	\$411,446

20. Certifications/Licenses:



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	Expiration Date
PE.0031065	09/30/2024
Status: Active	

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

[Signature]
 Authorized Instructor

[Signature]
 Authorized Instructor

[Signature]
 Authorized instructor



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

[Signature]
 Authorized Instructor

[Signature]
 Authorized Instructor

[Signature]
 Authorized instructor



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

[Signature]
 Authorized Instructor

[Signature]
 Authorized Instructor

[Signature]
 Authorized instructor





April 6, 2016

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

Subject: Trafficware Certification

Mr. Bert Moore,

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

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

Sincerely,



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA
Location

Wm. H. Clark
Vice President of Education and Technical Services
Shane Ferrel
President, CEO

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



American Traffic Safety Services Association

This is to affirm that

Herbert Moore

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023 ATSSA
Exp. Date 5/8/2027 Instructor Name
LA Wm. H. Clark
LA Instructor Signature

A1000126198

Verify at Flagger.com

Certificate of Training

PRESENTED BY

The National Cooperative Research Program

TO CERTIFY THAT

Herbert Moore

HAS SATISFACTORILY COMPLETED 20 HOURS OF TRAINING IN:

Highway Safety Manual Workshop
NCHRP 17-38

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



December 1-3, 2010
Date

Baton Rouge, Louisiana
Location

Congratulations! Kofi Ampofo-Twumasi

You have completed

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

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

Professional Development
Hours (PDHs) Awarded: 8.50


Authorized Instructor

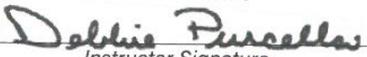

Authorized instructor



 American Traffic Safety
Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

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

Issue Date 5/31/2023 Instructor Name Debbie Purcella
Exp. Date 5/31/2027
State Issued LA Instructor Signature 

V0000177925 Verify at Flagger.com



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

Mr. Brennon Gilbert Hughes

License/Certificate Type - Number Expiration Date
PE.0039985 **03/31/2024**

Status: **Active**

Certificate of Attendance

presented to
Brennon Hughes

for attending
**Advanced Highway Safety Manual Training –
 Interactive Highway Safety Design Model (IHSDM)**
 16 Professional Development Hours
June 5-6, 2018
 Baton Rouge, Louisiana

Authorized Instructor 




PROOF OF TRAINING
 THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA
 Location

 Director of Training
 President, CEO

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



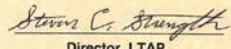
American Traffic Safety Services Association ATSSA.com

Certificate of Training

PRESENTED BY
 Louisiana Local Technical Assistance Program

TO CERTIFY THAT
Brennon Hughes

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:
Safety of Vulnerable Road Users Workshop

 Director, LTAP



August 22nd, 2023
 Date

New Orleans, Louisiana
 Location



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)
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

03/31/2024

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

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte Murray

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018

Location: Baton Rouge, Louisiana

Professional Development

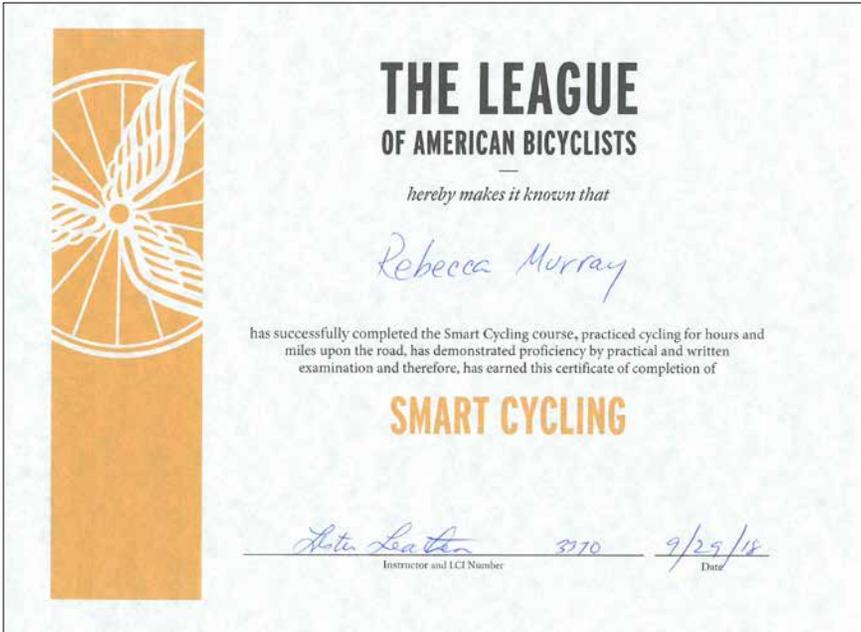
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor





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

Date: March 29, 2022 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDHs) Awarded:* 3

Authorized Instructor

Authorized Instructor

Authorized instructor

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

Date: March 29, 2022 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDHs) Awarded:* 3

Authorized Instructor

Authorized Instructor

Authorized instructor

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

Date: March 30, 2022 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDHs) Awarded:* 3

Authorized Instructor

Authorized Instructor

Authorized instructor



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Payton Nickles
has attended
Traffic Control Supervisor-LA State Specific
Training Course

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

Baton Rouge, LA
Location

Director of Training

President, CEO

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



American Traffic Safety Services Association ATSSA.com

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

PAYTON NICKLES
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 3/1/2022 Instructor Name Debbie Purcella
Exp. Date 3/1/2026 Instructor Signature *Debbie Purcella*
State Issued LA

V0000040666 Verify at Flagger.com



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**
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

Status: **Active**

Expiration Date

03/31/2024

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 (LPELS)
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	Expiration Date
PE.0020936	09/30/2024
Status: Active	

Congratulations! Zillah Zoleta

You have completed

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

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

Professional Development
Hours (PDHs) Awarded: 8.50


Authorized Instructor


Authorized instructor



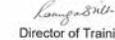
PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Baton Rouge, LA
Location


Director of Training

President, CEO

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



American Traffic Safety Services Association

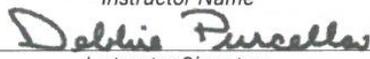
This is to affirm that

ZILLAH ZOLETA

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

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

Debbie Purcella
Instructor Name


Instructor Signature

V0000178090

Verify at Flagger.com

Certificate of Training

PRESENTED BY

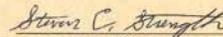
Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Zillah Zoleta

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Safety of Vulnerable Road Users Workshop


Director, LTAP



August 22nd, 2023
Date

New Orleans, Louisiana
Location



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(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Alben Paul Cooper III

License/Certificate Type - Number

PE.0036291

Expiration Date

09/30/2025

Status: **Active**

Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: February 25, 2019

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 2

Poly A. Colvina
Authorized Instructor

Alben Cooper
Authorized Instructor

Robert J. Broussard
Authorized instructor



Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: February 25, 2019

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 3

Poly A. Colvina
Authorized Instructor

Alben Cooper
Authorized Instructor

Robert J. Broussard
Authorized instructor



Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: February 26, 2019

Professional Development

Location: Bridge City, Louisiana

Hours (PDHs) Awarded: 3

Poly A. Colvina
Authorized Instructor

Alben Cooper
Authorized Instructor

Robert J. Broussard
Authorized instructor





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Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mrs. Karla Ewing Weston

License/Certificate Type - Number	Expiration Date
PE.0031010	03/31/2024

Status: **Active**



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(LAPELS)**
9643 Brookline Avenue, Suite 121
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Mr. Ralph D. Burgess

License/Certificate Type - Number	Expiration Date
PLS.0005040	09/30/2024

Status: **Active**



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9643 Brookline Avenue, Suite 121
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Phone (225) 925-6291
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Mr. Christopher Lyle Ballard

License/Certificate Type - Number	Expiration Date
PLS.0005033	09/30/2024

Status: **Active**



This is to affirm that

RALPH BURGESS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date	8/4/2023	Instructor Name	Debbie Purcella
Exp. Date	8/4/2027	Instructor Signature	<i>Debbie Purcella</i>
State Issued	LA		

V0000201702 Verify at Flagger.com



AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that
Christopher Ballard

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Expiration Date 3/1/2024 State Issued in LA

Instructor Signature
Debbie Purcella

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

CERTIFICATE IS AWARDED TO
PHILIP DUPREE

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date
JAN 15, 2022

Valid for 4 years from completion date.
Expires **JAN 15, 2026**

This temporary/backup certificate is valid with a government issued photo ID.
Verify this certificate against the information online use the code below to view or print duplicate certificates

123-57-69229

Enter the code to verify this certificate is an original at
<https://process.onlineflagger.com/duplicate>



American Traffic Safety Services Association

This is to affirm that
TRENTEN NORRIS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 7/31/2023 Instructor Name Debbie Purcella
Exp. Date 7/31/2027 Instructor Signature *Debbie Purcella*
State Issued LA

V0000202433 Verify at Flagger.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Ralph D Burgess
has attended
Louisiana Traffic Control Supervisor
Training Course

11/8/2023 to 11/8/2027
Training Valid Through

Baton Rouge, LA
Location

Donna M. Clark
Vice President of Education and Technical Services
Sharon Terrell
President, CEO

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







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Ms. Lynne Elizabeth Roussel

License/Certificate Type - Number	Expiration Date
PE.0035152	03/31/2024

Status: **Active**



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(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. Stephen Eugene Greaber

License/Certificate Type - Number	Expiration Date
PE.0026107	09/30/2025

Status: **Active**



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(LAPELS)
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Mr. Ryan Ernest Poindexter

License/Certificate Type - Number	Expiration Date
PE.0046285	03/31/2024

Status: **Active**

CERTIFICATE IS AWARDED TO
RYAN POINDEXTER
Has successfully completed a flagger training course meeting the
requirement of the
**LOUISIANA DEPARTMENT OF TRANSPORTATION
& DEVELOPMENT**
on the following date
MAY 04, 2022
Valid for 4 years from completion date.
Expires **MAY 04, 2026**
This temporary/duplex certificate is valid with a government issued photo ID.
Verify this certificate against the information online use the code below to view or print duplicate
certificates
123-57-74969
Enter the code to verify this certificate is an original at
<https://process.onlineflagger.com/duplicate>







LOUISIANA UNIFIED CERTIFICATION PROGRAM
Disadvantaged Business Enterprise Program (DBE)
Small Business Element (SBE)

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

SVAAPTA GROUP, LLC

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:
NC541330, NC541611

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

Certificate Eligibility: March 2023 to March 2024
This certificate is valid through the above date provided. This firm meets the ongoing 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

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

Date: July 30, 2018
 Location: Baton Rouge, Louisiana
 Professional Development Hours (PDHs) Awarded: 2.5

Joly Colvane
 Authorized Instructor

Jim Holt
 Authorized Instructor

R. G. Brumfield
 Authorized instructor



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

Date: August 6, 2018
 Location: Baton Rouge, Louisiana
 Professional Development Hours (PDHs) Awarded: 3

Joly Colvane
 Authorized Instructor

Jim Holt
 Authorized Instructor

R. G. Brumfield
 Authorized instructor



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

Date: October 29, 2018
 Location: Baton Rouge, Louisiana
 Professional Development Hours (PDHs) Awarded: 3

Joly Colvane
 Authorized Instructor

Jim Holt
 Authorized Instructor

R. G. Brumfield
 Authorized instructor



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

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

22. Sub-consultant Information:

Firm Name (Name must match as registered with Louisiana’s Secretary of State)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction, Inc.	Mailing: PO Box 857 Physical: 3251 Southern Pacific Rd. Port Allen, LA 70767	Karla Weston, PE kweston@cdcbr.com	225.765.1803
Svaapta Group LLC	14241 Coursey Boulevard, Suite A-12326 Baton Rouge, Louisiana 70817	Prasanth Malisetty, P.E., PTOE, PTP, RSP1 pmalisetty@svaaptagroup.com	404.202.3962
Terracon Consultants, Inc.	2822 O’Neal Lane, Building B Baton Rouge, LA 70816	Lynne Roussel, P.E. Lynne.Roussel@terracon.com	225.239.2632

(Add rows as needed)

23. Location:

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



Gresham Smith

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Chattanooga, TN

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