Gresham Smith

LADOTD | Statewide, LA | June 16, 2022

IDIQ Contract for Roadway Design Services

Genuine Ingenuity

10000 Perkins Rowe
Suite 280
Baton Rouge, LA 70810

225.757.5849
GreshamSmith.com

June 16, 2022

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

Re: Advertisement for Engineering and Related Services
Contract No. 4400023943
IDIQ Contract for Roadway Design Services Statewide

Dear Mr. Gorbaty:

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

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 program.

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

- Richard Savoie, PE, Project Manager, will oversee day-to-day project tasks. Richard's 40-year career includes 34 years with the LADOTD in increasing roles culminating as the LADOTD Chief Engineer. In his four years as Chief Engineer, Richard provided guidance to staff, while promoting

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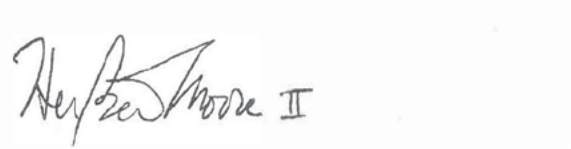
innovation, continuous improvement and efficient use of resources. He was responsible for establishing engineering standards, policies and procedures that guide program and project delivery, construction, and preservation of all transportation-related projects and systems. In addition, he was accountable for the on-time and on-budget delivery of the DOTD Highway Priority Program.

- Brennon Hughes, P.E., Deputy Project Manager and Lead Design Engineer, will assist with the overall project management of this contract and lead our road design tasks. Brennon's experience as a former LADOTD road design engineer and as a construction project engineer, make him a prime candidate to lead this design. While at LADOTD, he worked on multi-million-dollar projects with multiple stakeholders including the design of the roundabout at the intersection of LA 22 at LA 70.
- 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 20 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.
- Ronnie Robinson, P.E., Senior Transportation Engineer, will assist with the evaluation of all pavement preservation projects and lead the team on establishing design criteria and generating solutions. Ronnie has 33 years of experience with Louisiana DOTD including 11 years in construction, 8 years as Manager of the Design & permits section, and 9 years as Administrator of the design (including pavement preservation), water resources, permit, and materials testing sections.

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

Sincerely,



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

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DOTD FORM: 24-102

(Revised March 1, 2022)

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. Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	IDIQ Contract for Roadway Design Services
2. Contract number(s) as shown in the advertisement	4400023943
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (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	Richard Savoie, P.E. Senior Transportation Engineer 225.960.5483 / richard.savoie@greshamsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Herbert "Bert" Moore, II, P.E., PLS, PTOE State Transportation Leader - Louisiana 225.757.5849 / bert.moore@greshamsmith.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date: June 16, 2022
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): Civil Design & Construction, Inc. Firm(s)' %: 5% Vectura Consulting Services, LLC 5%

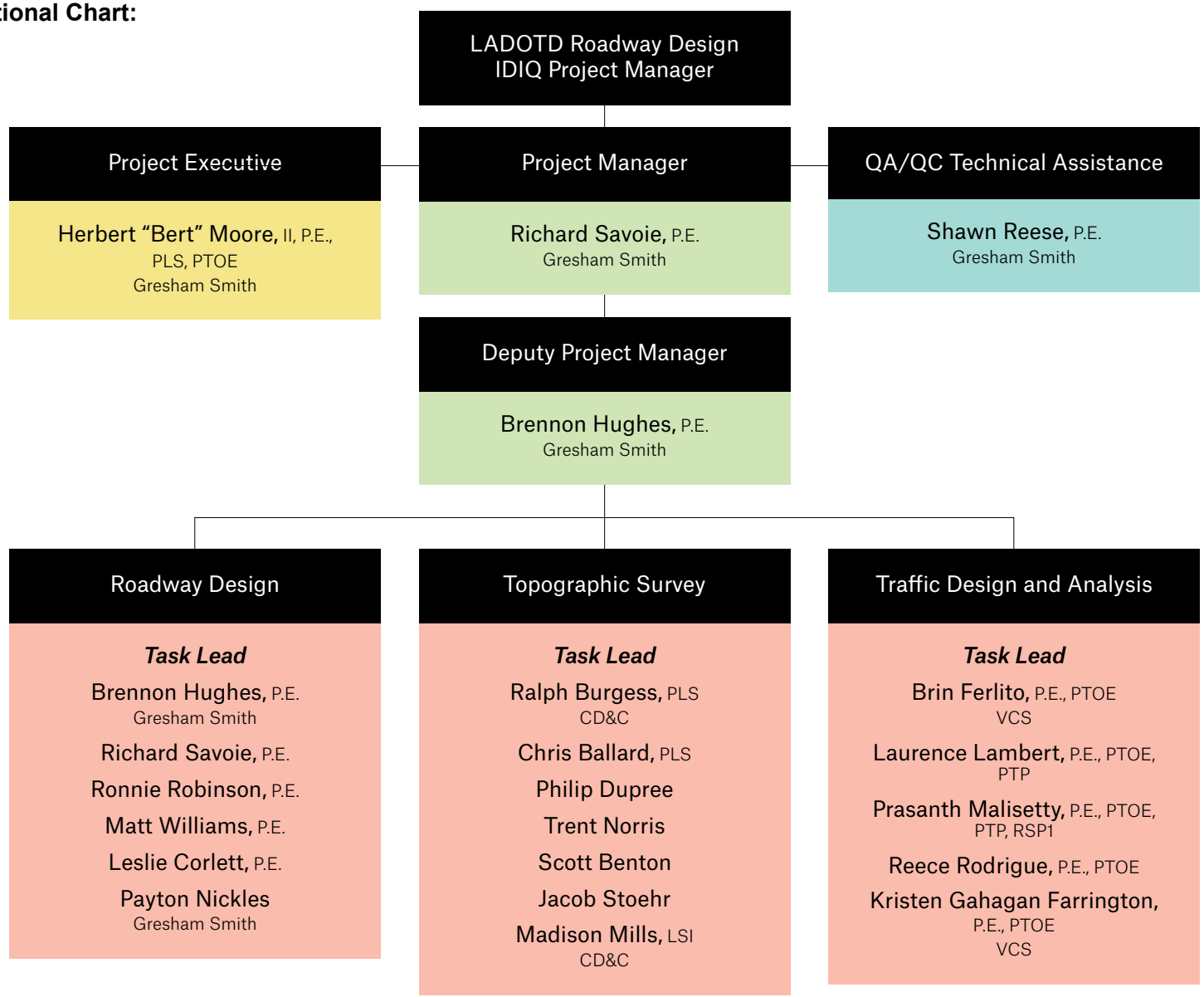
12. Past Performance Evaluation Discipline Table:

Past Performance Rating Categories	% of Overall Contract	Gresham Smith (Prime)	CD&C (DBE) (Sub)	Vectura (DBE) (Sub)
Road	90%	100%	0%	0%
Survey	5%	0%	100%	0%
Traffic	5%	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%**	**90%**	**5%**	**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	2
Gresham Smith	Supervisor-Engineer	8	12
Gresham Smith	Supervisor-Other	1	5
Gresham Smith	Engineer	6	14
Gresham Smith	Engineer-Other	1	4
Gresham Smith	Professional	1	3
Gresham Smith	Engineer Intern	6	8
Gresham Smith	Senior Technician	2	3
Gresham Smith	GIS Analyst	0	1
Gresham Smith	CADD-Operator	0	2
Gresham Smith	Clerical	1	1
Civil Design & Construction, Inc.	Surveyor	2	2
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	2
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	3	5
Civil Design & Construction, Inc.	Supervisor - Other	1	1
Vectura	Supervisor	2	2
Vectura	Engineer	3	5

14. Organizational Chart:



Team Members

Gresham Smith

CD&C: Civil Design & Construction, Inc.

VCS: Vectura Consulting Services, LLC

15. Minimum Personnel Requirements:

MPR (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 / certification required	State of license	License / certification expiration date
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2023
			PLS	Louisiana	PLS LA 5043 Exp. 9/30/2023
			PTOE	International	PTOE 2728 Exp. 9/30/2024
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 31065 Exp. 9/30/2023
			PLS	Louisiana	PLS LA 5043 Exp. 9/30/2023
			PTOE	International	PTOE 2728 Exp. 9/30/2024
3.	Richard Savoie, P.E.	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 20936 Exp 9/30/2022
	Ronnie Robinson, P.E.	Gresham Smith	P.E. (Civil)	Louisiana	P.E., LA 24040 Exp. 3/31/2024
4.	Ralph Burgess, PLS	CD&C	PLS	Louisiana	PLS, LA 5040 Exp 9/30/2022
	Chris Ballard, PLS	CD&C	PLS	Louisiana	PLS, LA 5033 Exp. 9/30/2022
5.	Brin Ferlito, P.E., PTOE	VCS	PE (Civill) PTOE	Louisiana	P.E., LA 25383 Exp. 9/30/2023
	Laurence Lambert, P.E., PTOE	VCS	PE (Civil) PTOE	Louisiana	P.E., LA 29901 Exp. 3/31/2024
	Prasanth Malisetty, PE, PTOE, PTP, RSP1	VCS	P.E. (Civil)	Louisiana	P.E., LA 35792 Exp. 3/31/2023

(Add rows as needed)

16. Staff Experience:

Gresham Smith

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

Project Executive

Years of experience with this firm/employer	7
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. 9/30/22 | PTOE 2728 / Exp. 9/30/24 | PLS 5043 / LA / Exp. 9/30/22		
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, 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 time specified in the applicable MPR(s).**
Career	Bert is a professional engineer with more than 23 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 – Ongoing	**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.
06/19 – Ongoing	**LADOTD, Complex Bridge Inspections, Task Orders 1, 3, and 4, Statewide LA | *Project Executive***. Bert serves as the Project Executive responsible for ensuring that all aspects of the work are performed in accordance with contract requirements. Bert also serves as the lead Traffic Engineer responsible for development of the traffic control plans and coordination with DOTD District Traffic Engineers.

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.
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.
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 temporary traffic control plans for all construction and maintenance work on the state highway system, which included the yearly inspections of all the on system bridges each year by district forces and consultants. These bridges included all of the I-10 bridges through the Baton Rouge region and over the Mississippi River. Bert was also responsible for Transportation Management Plans (TMPs) required for construction projects on these bridges.
Certifications (See section 20)	• 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

 *Icon represents key project highlighted in Section 17.

16. Staff Experience:

Gresham Smith

Richard Savoie, P.E.

Project Manager

Years of experience with this firm/employer	3.5
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 / 9/30/22		
Year registered	1983 (LA)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Project Manager / Richard will manage the roadway design team, coordinate with the subconsultants and QC on all deliverables.		

04/20 – Ongoing	**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.
09/18 – 12/20	**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | *Senior Engineer.*** The project consisted of roadway realignment at the bridge approach to improve roadway geometry and safety. Right-of-way is being acquired at one quadrant of the intersection and Richard is assisting with the coordination between the right-of-way plans and the roadway requirements. Richard performed Quality Control reviews on the final preliminary design submission and was responsible for Quality Control on the final design process.
09/18 – 12/19	**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.
02/09 – 03/14	**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, 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.
Career	Richard's 40+-year career includes 34 years with LADOTD in increasing roles culminating as the Chief Engineer. Richard was responsible for establishing engineering directives and standards, policies, budgets, expenditures, programs and procedures that guided project and program delivery, construction, and preservation of all transportation-related projects and systems.

16. Staff Experience:

Gresham Smith

Shawn Reese, P.E.

QA/QC Technical Assistance

Years of experience with this firm/employer	4
Years of experience with other firm(s)/employer(s)	40

Degree(s) / Years / Specialization	Bachelor of Science / 1992 / Construction Technology, Eastern Kentucky University		
Active registration number / state / expiration date	P.E.036255 / GA / 12/31/22		
Year registered	2011 (GA)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	QA/QC Technical Assistance / Shawn will provide technical assistance when needed and will perform the off team QC on deliverables.		

09/18 – 09/20	**Sandy Springs, Hammond Drive Corridor Design, Sandy Springs, GA | *Project Manager.*** Gresham Smith provided traffic studies, environmental planning, public outreach and conceptual engineering design for the Hammond Drive corridor, from Roswell Road (SR 9) to Glenridge Drive, connecting to planned improvements by GDOT at the Hammond Drive/Georgia 400 interchange. This portion of Hammond Drive currently carries a volume of traffic which is higher than the capacity of a two-lane roadway and lacks adequate facilities for people walking, biking and taking transit. To improve mobility, the project will add one lane in each direction along Hammond Drive and provide additional turn lanes at the intersections with Roswell Road and with Glenridge Drive. It will also streamline turning movements, making it easier to turn from side streets while limiting neighborhood cut-through traffic by managing access along Hammond Drive, through the use of cul-de-sacs and roundabouts.
03/17 – 04/19	**Cobb County DOT, McCollum Parkway at Big Shanty/Ben King Road, Marietta, GA | *Quality Engineer.*** Shawn provided design and constructability review for this project, which included the development of a roundabout or signalized intersection at Big Shanty Road and Ben King Road as well as the design of new sidewalks.
05/07 – 01/08	**Cobb County DOT, West Sandtown Road Safety & Operational Improvements, Cobb County, GA | *Project Manager.*** Shawn was responsible for managing the design for the safety and operational improvements along the 4.2 mile project corridor including horizontal and vertical improvements to comply with sight distance requirements, adding curb, gutter and sidewalk along one side of the roadway and replacing the existing bridge over Mudd Creek with a bottomless arch culvert.
02/17 – 03/19	**Cherokee County/GDOT, CR 107/Howell Bridge Road, Safety and Operational Improvements, Cherokee County, GA | *Project Manager.*** This project involves the design and preparation of construction documents for CR 107/Howell Bridge Road over Sharp Mountain Creek. The project includes approx. 500 feet of approach roadway at each end.
03/21 – Ongoing	**GDOT, SR 280 Interchange at I-285, Cobb County, GA | *Principal Roadway Engineer***. This project involves the reconstruction and reconfiguration of the ramps to and from I-285 to improve vehicular flow. Responsible for developing concept designs for replacing the existing diamond interchange with a Tight Urban Diamond or Diverging Diamond Interchange.
02/05 – 07/06	**Northwest Express Roadbuilders, I-75/I-575 Northwest Corridor PPP Design-Build Project, Cobb and Cherokee Counties, GA | *Deputy Design Manager, Lead Roadway Engineer, Right of Way Lead.*** This $1 billion project placed 29.8 miles of reversible managed express lanes along the west side of the existing I-75 southbound lanes and within the existing median of I-575.

16. Staff Experience:

Gresham Smith

Brennon Hughes, P.E.

Lead Roadway Design Engineer / Deputy Project Manager

Years of experience with this firm/employer	5
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
Contract role(s) / brief description of responsibilities	Lead Roadway / Design Engineer / Brennon will lead the development of the roadway plans and development of bid packages.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
04/20 – Ongoing	**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. This project is scheduled for letting this Spring.
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.
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.
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)	• 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

Ronnie Robinson, P.E.

Senior Transportation Engineer

Years of experience with this firm/employer	6
Years of experience with other firm(s)/employer(s)	33

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

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
04/20 – Ongoing	**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.
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.
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.
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

Matthew Williams, P.E.

Senior Roadway Engineer

Years of experience with this employer	11
Years of experience with other employer(s)	14

Degree(s) / Years / Specialization	Bachelor of Science / 1996 / Civil Engineering		
Active registration number / state / expiration date	PE.38683 / LA / Exp. 9/30/2022 | PE. 24120 / AL / Exp. 12/31/2023		
Year registered	2014 (LA) 2001 (AL)	**Discipline**	P.E./Civil
Contract role(s) / brief description of responsibilities	Senior Roadway Engineer / Matthew will assist with the road design tasks for the preliminary and final plans.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; ***i.e.***, **"designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
01/14 – 06/17	**MDOT, I-55 from County Line Road to Old Agency Road (Phase A), Madison County, MS | *Project Manager.*** Responsibilities included the preparation of conceptual plans for the realignment of the I-55 and I-220 interchange as well as various side ramp connections in Jackson, Mississippi. Matt was responsible for ensuring design met required criteria, and ensuring ramp adjustments and urban drainage design along County Line Road were constructible.
04/10 – 08/15	**MDOT, I-55 Interchange at Gluckstadt, Madison County, MS | *Transportation Engineer.*** Matt was responsible for design of roadway geometrics, rural and urban drainage, cross-sections, erosion control, and miscellaneous plan details and quantities; determination of right-of-way limits; and cost estimating.
04/11 – 03/13	**MDOT, SR 15 from Union County Line to One Mile North of SR 4, Tippah County, MS | *Transportation Engineer.*** Matt was responsible for design of roadway geometrics, rural and urban drainage design, cross-sections, traffic control, erosion control, and miscellaneous plan details and quantities; and cost estimating.
01/16 – 06/20	**MDOT, SR 2 from Existing SR 15 to SR 15 Bypass, Tippah County, MS | *Project Engineer/Project Manager.*** Matt was responsible for developing alternatives along existing East Palmer Street which compared impacts to adjacent property owners, ability to meet design criteria, and constructability. This project was subsequently changed to include SR2 on new location. Matt is responsible for ensuring the project meets design criteria and that roadway, bridge and bridge hydraulic efforts are all coordinated.
11/14 – Ongoing	**MDOT, 2014 RWD WA #1: SR 309 Byhalia Creek BR, Marshall County, MS | *Transportation Engineer.*** Matt was responsible oversight of design.
10/16 – 01/20	**MDOT, 2014 RWD WA #4 and MDOT 2017 BR WA #2 US 51 Yalobusha County, MS | *Project Manager.*** Matt is responsible for ensuring the project meets design criteria and that roadway, bridge and bridge hydraulic efforts are all coordinated.

16. Staff Experience:

Gresham Smith

Leslie Corlett, P.E.

Senior Roadway Engineer

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

Degree(s) / Years / Specialization	Bachelor of Science / 1996 / Civil Engineering, Auburn University		
Active registration number / state / expiration date	PE.25726 / AL / Exp. 12/31/23		
Year registered	2003 (AL PE)	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	Leslie will support the team by providing support for the road design activities and roundabout design experience.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.**
7/15 – 12/15	**ALDOT, North Region Roundabout Feasibility Study, US 72 at SR 79, Scottsboro, AL | *Project Professional.*** Leslie supported the team to complete a roundabout feasibility study to determine the safety and operational benefits and feasibility of a roundabout at the intersection of US 72 at SR 79. This existing two way stop controlled intersection has seen 29 crashes in a five-year period, with 24 of these crashes being angle crashes, and 15 of the crashes being serious injury crashes.
3/15 – 10/15	**ALDOT, Roundabout Design Support, Various Counties, AL | *Transportation Engineer.*** As a task order under Gresham Smith's Transportation Support Services Contract with ALDOT, Leslie provided design support to ALDOT's Roadway Design Section for the design of three roundabouts: US 231 at US 411/CR 33 in St. Clair County, SR 160 at SR 79 in Blount County, and SR 5 at CR 58 in Bibb County. Gresham assisted ALDOT's designers with the initial horizontal and vertical geometry for the roundabouts.
1/16 – 6/16	**ALDOT, 5th Street at the SR-13 Interchange from Main Avenue to Bridge Avenue, Roundabout Feasibility Study, HSIP-6315, Northport, AL | *Transportation Engineer.*** Leslie studied the existing and projected traffic volumes at four intersections along 5th Street within and adjacent to the SR 13 interchange to determine if the traffic operation would benefit by the construction of roundabouts at these intersections.
2/16 – 6/16	**ALDOT, CR 13 at CR 30 Roundabout Peer Review, Baldwin County, AL | *Supervisor.*** Leslie assisted the team to complete a roundabout peer review of the proposed Alabama Transportation Rehabilitation and Improvement Program (ATRIP) roundabout project at CR 13 and CR 30 for the ALDOT Southwest Region, Mobile Area County Transportation Office.
3/17 – 7/17	**McCollum Parkway and Big Shanty Road Intersection Improvements Concept Study, Cobb County, GA | *Roadway & Traffic Engineer.*** Leslie provided design and engineering services for two new transportation projects. The team designed intersection and sidewalk improvements for McCollum Parkway at Big Shanty Road and Ben King Road and designed a bridge replacement for Willeo Road over Willeo Creek, as part of the county's Bridge Replacement Program.

16. Staff Experience:

Gresham Smith

Payton Nickles

Professional

Years of experience with this employer	1
Years of experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / 2021 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date	N/A		
Year registered	N/A	**Discipline**	Civil
Contract role(s) / brief description of responsibilities	Professional / Payton will support the roadway design and traffic teams.		

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).**
03/21 – Ongoing	**LADOTD, Complex Bridge Inspections Task Order 3, Statewide, LA | *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.
03/21 – 04/21	**Edinburg Regional Medical Center, Traffic Impact Analysis, Edinburg, TX | *Professional.*** Payton assisted in the development of the traffic impact letter by performing analysis and preparing figures to support the traffic impact analysis for roadway expansion associated with the buildout of a regional medical center. Payton worked under the supervision of the lead traffic engineer to develop roadway capacity analysis and documentation of existing conditions to support the proposed roadway build outs.
06/21 – Ongoing	**LADOTD, Present LADOTD, LRSP Task Order #1: Vernon and Sabine Signing & Striping, LA | *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 | *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.

16. Staff Experience:

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

Ralph Burgess, PLS Topographic Survey			**Years of experience with this employer**	11
			Years of experience with other employer(s)	12
Degree(s) / Years / Specialization	BS Industrial Design & Supervision 2004 / Southeastern LA University			
Active registration number / state / expiration date	PLS 5040 / Louisiana / 09/30/22			
Year registered	2010	**Discipline**	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities	Ralph will serve as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.			

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
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**: Ralph was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Ralph 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**: Ralph served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA**: Ralph served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.

10/15-12/18	**H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA**: Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing 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**: Ralph served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	**H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA**: Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Ralph served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
03/14-06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: Ralph served as the project manager for the project. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Survey Manager 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**: Ralph served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Ralph managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Ralph's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

16. Staff Experience:

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

Chris Ballard, PLS Topographic Survey			**Years of experience with this employer**	6
			Years of experience with other employer(s)	19
Degree(s) / Years / Specialization	Bachelor of Science / 2004 / Biological Science, Southeastern University			
Active registration number / state / expiration date	PLS 5033 / Louisiana / 09/30/22			
Year registered	2010	**Discipline**	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities	Chris serve as the Surveyor for this project. Chris has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.			

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
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** Chris is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA** Chris served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19 – 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA** Chris is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.
01/17 – 12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA** In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Chris served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.

10/16 – 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA** Chris served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review and 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 – 12/17	**H.012650.5-1 District62 Bridges, Livingston and Tangipahoa Parishes, LA** Chris served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 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 were surveyed utilizing **3D Terrestrial Scanning**.
10/15 – 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA** Chris 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 project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA** Chris served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included **processing** of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized **3D Terrestrial Scanning** for the main route.
10/15 – 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA** Chris served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 – 09/13	**260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA** Chris worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA** Chris served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with **3D terrestrial scanning.**

16. Staff Experience:

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

Philip Dupree Survey Party Chief			**Years of experience with this employer**	10
			Years of experience with other employer(s)	30
Degree(s) / Years / Specialization	N/A			
Active registration number / state / expiration date	N/A			
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities		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.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
07/20 – 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**: Philip was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18-02/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Philip is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Philip is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15-12/2018	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Philip served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Philip was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16-08/2016	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Philip served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.
10/16-11/2016	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Philip served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.

07/14/10/2015	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Philip served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Philip served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Philip also was the lead Party Chief for the property surveys on this project.
Certifications	• NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 / Nationwide/ 06/30/2019; ATSSA Certified as Registered Flagger / 07/12/2021 • ATSSA Certified Traffic Control Tech & Traffic Control Supervisor / 07/12/2021

16. Staff Experience:

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

Trent Norris Senior Technician			**Years of experience with this employer**	8
			Years of experience with other employer(s)	0
Degree(s) / Years / Specialization	N/A			
Active registration number / state / expiration date	N/A			
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities		Trent serves as the firm's 3D Scanning Technician who will aide 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 time specified in the applicable MPR(s).**
01/18 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Trent 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:** Trent 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:** Trent 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.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA:** Trent 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.
10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Trent 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.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Trent 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.
01/16 – 07/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Trent 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.
Certifications	• NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 • ATSSA Traffic Control Supervisor, Technician & Flagger | 02/28/2021

16. Staff Experience:

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

Scott Benton Senior Technician			**Years of experience with this employer**	5
			Years of experience with other employer(s)	5
Degree(s) / Years / Specialization	N/A			
Active registration number / state / expiration date	N/A			
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities	Scott serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.			

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
12/19 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Scott served as a #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA**: Scott served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Scott served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	**H.005693 LA 447, Walker, LA**: Scott served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA**: Scott served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
07/14 – 10/15	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Scott served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.
Certifications	• ATSSA Traffic Control Supervisor, Technician & Flagger | 02/28/2021

16. Staff Experience:

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

Jacob Stoehr Survey Party Chief			**Years of experience with this employer**	7
			Years of experience with other employer(s)	1.5
Degree(s) / Years / Specialization	N/A			
Active registration number / state / expiration date	N/A			
Year registered	N/A	**Discipline**	N/A	
Contract role(s) / brief description of responsibilities		Jacob will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
01/18-01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Jacob served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
05/17-07/2017	**H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/15 – 12/2018	**H.003184.5 I-10 Texas State Line East of Coone Gully:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
10/16 – 11/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.
Certifications	• ATSSA Traffic Control Supervisor, Technician & Flagger | 02/28/2021

16. Staff Experience:

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

Madison Mills, LSI Land Survey Intern			**Years of experience with this employer**	1
			Years of experience with other employer(s)	4
Degree(s) / Years / Specialization	Bachelor of Science / 2016 / Civil Engineering			
Active registration number / state / expiration date	0000716 / Land Surveyor Intern/Louisiana			
Year registered	2021	**Discipline**	Land Surveyor Intern	
Contract role(s) / brief description of responsibilities	Madison joined CD&C in 2021 as a Land Surveying Intern. Madison will be taking his PLS exam in 2022. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.			

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).**
02/21 - Ongoing	**H.013955 LA 961 Bride at Sandy Creek, :** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 - Ongoing	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 - Ongoing	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** Madison worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

16. Staff Experience:

Vectura Consulting Services, LLC

Sheelagh Brin Ferlito, P.E., PTOE

Principal

Years of experience with this firm/employer	6
Years of experience with other firm(s)/employer(s)	27

Degree(s) / Years / Specialization	Bachelor of Science / 1988 / Civil Engineering		
Active registration number / state / expiration date	PE. 0025383 / LA / 9/30/2023		
Year registered	1993	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	Traffic Signal Design and CE&I Supervisor / QC for TMP.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.**
07/21 - Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Brin is the task leaders for Vectura for the **Construction Engineering and Inspection** of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD. She coordinated the detour plans based on the sequence of construction as part of the **Level 2 Transportation Management Plan (TMP**).
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30.
02/20 – 11/21	**H.010616 DOTD I:20 LA 544 Overpass Replacement (Ruston, LA)** Brin is the project manager for the **Transportation Management Plan (TMP)** as part of a design for a bridge replacement and three roundabouts in Ruston, LA. The TMP was a **Level 2** and included evaluation of 10 Sequence of Construction Phases. Detours included rerouting traffic to other interchanges at nighttime only, rerouting traffic from I-20 to the off ramp and on ramp at nighttime only, and rerouting traffic to service roads in vicinity of the project. Brin coordinated the queue analysis with DOTD to determine when lane closures would be allowed utilizing 24-hour tube counts. She will also coordinate the development of temporary traffic signal plans for this project as well.

07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin **designed three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the **Project Resident Engineer** on behalf of EBR **for performing CE&I services** for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM/EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the **Project Resident** Engineer for DOTD and EBR to perform **CE&I services** for the construction of 21 traffic signals. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included **traffic signal synchronization signal timing** and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.

16. Staff Experience:

Vectura Consulting Services, LLC

Laurence Lucius Lambert, II, P.E., PTOE, PTP Supervisor	**Years of experience with this firm/employer**	6
	Years of experience with other firm(s)/employer(s)	18

Degree(s) / Years / Specialization	Master of Science / 2006 / Civil Engineering Bachelor of Science / 1997 / Civil Engineering		
Active registration number / state / expiration date	PE. 0029901 / LA / 3/31/2024		
Year registered	2001	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	TMP Supervisor / Traffic Signal Design QC.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.**
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The **traffic study** included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
02/21 - 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** Laurence was the lead traffic engineer for a Level 2 **Traffic Management Plan** (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also provided Quality Control review of **signing and striping plans** at 30% and 60% plan sets to ensure the **roundabouts** conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, **approval from DOTD was required**. After the 7-day, 24-hour counts were collected in March of 2020, DOTD stopped all data collection due to the impacts of COVID-19. After a pause of a year, Vectura closely worked with the City of Baton Rouge and DOTD to provide sufficient data that traffic

	patterns were returning to pre-COVID conditions and allowed PM peak hour data to be collected. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a **Corridor Planning Study** for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to **develop growth rates and design year volumes**. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a **safety analyses** of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, **collected 7-day, 24-hour counts** w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM **traffic simulation model** of the preferred alternative.
07/16-01/17	**Federal Highway Administration Intersection & Interchange Geometrics (IIG): Innovative Design Considerations for All Users** At the request of the FHWA division office for Virginia, Laurence was asked to review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as “red line” comments were scanned and submitted to the FHWA Virginia Division office for their use.
04/11 - 09/11	**SPN 424-04-0032 US 90 at Louisiana 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA)** Laurence developed a **Maintenance of Traffic** plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with Louisiana 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards.
06/10 - 10/10	**SPN 454-02-0071 I-12 Widening Design-Build Amite River Bridge to Juban Road Maintenance of Traffic Plan (Livingston Parish, LA)** Laurence was responsible for designing a **Maintenance of Traffic** plan that would keep drivers informed of real time traffic situations through a comprehensive traffic management system. Four lanes (two lanes in each direction) were to remain open during peak travel times throughout the length of the project. Temporary lane closures only occurred at night.

16. Staff Experience:

Vectura Consulting Services, LLC

Prasanth Malisetty, P.E., PTOE, PTP, RSP1 Senior Project Engineer		**Years of experience with this firm/employer**	1
		Years of experience with other firm(s)/employer(s)	17
Degree(s) / Years / Specialization	Master of Science / 2004 / Civil Engineering Bachelor of Science / 2003 / Civil Engineering		
Active registration number / state / expiration date	PE. 0035792 / LA / 3/31/2023		
Year registered	2010	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	TMP Supervisor / Traffic Signal Design QC.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Prasanth was the lead design engineering for temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Prasanth was the lead design engineering to produce the temporary signal design associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases.
02/21 – 02/22	**MOVEBR LA 67 (Plank Road) Enhancement Project, Baton Rouge, LA, 2020-2021** Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and **DOTD approval**. Laurence and Prasanth developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Prasanth and Reece were responsible for measuring anticipated construction quantities and producing a cost estimate for fifteen sites along I-10 where CCTV cameras were being installed by using **DOTD's Bid Tabulation and Cost Estimating Tool**.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge)** Prasanth was the project manager to **develop feasible roadway improvements** that will improve operation and increase safety along the LA 37 corridor. The project included data collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies.
11/17 – 12/18	**H.013264 District 08 Safety Investment Plan (Louisiana)** Prasanth was the project engineer responsible for preforming districtwide safety analysis and preliminary **engineering studies** for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET)

	tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.
10/16 – 12/18	**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 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.
8/10 – 2/18	**DOTD Traffic Engineering Contracts (Statewide, LA)** As a project engineer for numerous task orders for **Traffic 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. Following are the list of corridors • District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7 corridors • District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors • District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors • District 58; US 425, Vidalia & Ferriday, LA – 11 intersections, 2 corridors • District 08; LA 1208-03, US 71 & LA 28 – 21 intersections, 3 corridors District 07; US 190 & US 171, DeRidder, LA – 10 intersections, 2 corridors
09/10 – 02/12	**S.P. No. 700-99-0447 US 190 Superstreet Study (Covington, LA)** Prasanth was the project engineer responsible for performing **corridor study** and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis.

16. Staff Experience:

Vectura Consulting Services, LLC

Reece Rodrigue, P.E., PTOE

Project Traffic Engineer

Years of experience with this firm/employer	2
Years of experience with other firm(s)/employer(s)	7

Degree(s) / Years / Specialization	Bachelor of Science / 2013 / Civil Engineering		
Active registration number / state / expiration date	PE. 0042074 / LA / 3/31/2024		
Year registered	2017	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	Project Engineer for Traffic Control Design, Signal CE&I and TMP.		

Experience dates (mm/yy–mm/yy)	**Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.**
07/21 – Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge)** Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using **DOTD's Bid Tabulation and Cost Estimating Tool**.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece was a project engineer, who participated in the production of the temporary **signal design** associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece was a project engineer, who assisted in the production of the temporary **signal design** associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.

04/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse)** Reece is the project engineer who **designed the temporary traffic signal** for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for the production of permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated STOP bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design engineering team for product consistency. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the **traffic signal plans** for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.

16. Staff Experience:

Vectura Consulting Services, LLC

Kristen Gahagan Farrington, P.E., PTOE

Project Traffic Engineer

Years of experience with this firm/employer	1
Years of experience with other firm(s)/employer(s)	7

Degree(s) / Years / Specialization	Bachelor of Science / 2014 / Civil Engineering		
Active registration number / state / expiration date	PE. 0042785 / LA / 3/31/2023		
Year registered	2016	**Discipline**	P.E. / Civil
Contract role(s) / brief description of responsibilities	Project Engineer for Traffic Control Design, Signal CE&I and TMP.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen was a project engineer for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The **traffic design study** included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards

	for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a **Stage 0** study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the **Stage 0** report and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.

17. Firm Experience:

Gresham Smith	Past Performance Evaluation Discipline(s)*	Road

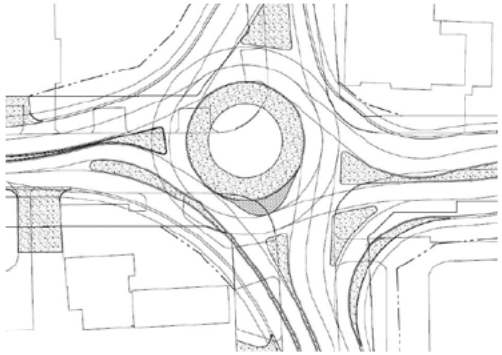
Hooper Road at Sullivan Road Roundabout Design

Firm responsibility (prime or sub?)	Sub

Project number	H.002320	**Owner's name**	City of Central (LA)		
Project location	Central, Louisiana	**Owner's Project Manager**		Toby Picard, P.E., Project Manager	
Owner's address, phone, email	13421 Hooper Road, Suite 8, Central, LA / 225.379.1302 / toby.picard@la.gov				
Services commenced by this firm (mm/yy)	04/20	**Total consultant contract cost ($1,000's)**		$195	
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**		$195	

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

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



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

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

Currently, the roundabout has been through several geometric reviews by DOTD, including a plan-in-hand meeting. The 100% preliminary plans are complete. However, the project is now undergoing scope adjustments for the intersection design, and reverting back to the signalized intersection. The design of the future roundabout is now being considered in a separate CMAR project.

Nature of firm's responsibility: Sub Consultant; Responsible for Developing Preliminary and Final Roundabout Design Plans.
Firm members involved: Brennon Hughes, Bert Moore, Richard Savoie and Ronnie Robinson.

17. Firm Experience:

Gresham Smith	Past Performance Evaluation Discipline(s)*	Road

SRTS/LRSP Task Order #6 and #21: Endom Bridge

Firm responsibility (prime or sub?)	Prime

Project number	H.012279; H.012279.5	**Owner's name**	Louisiana Department of Transportation and Development	
Project location	West Monroe, Louisiana	**Owner's Project Manager**		Laura Riggs, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.1143 / laura.riggs@la.gov			

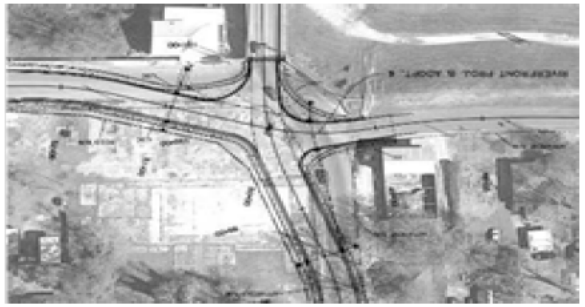
Services commenced by this firm (mm/yy)	12/17	**Total consultant contract cost ($1,000's)**	$251
Services completed by this firm (mm/yy)	12/20	**Cost of consultant services provided by this firm ($1,000's)**	$222

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

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

Project Highlights

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



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

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

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

17. Firm Experience:

Gresham Smith	Past Performance Evaluation Discipline(s)*	Road

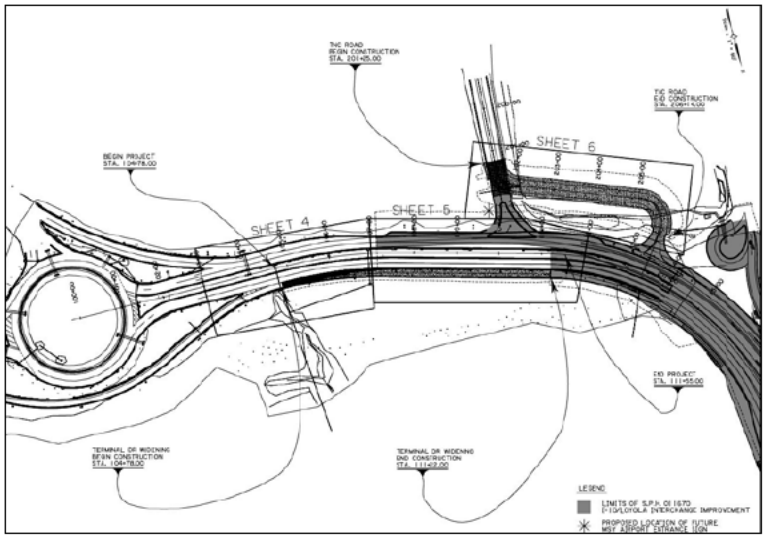
MSY - Task 4: Entrance Road Capacity

Firm responsibility (prime or sub?)	Prime

Project number	N/A	**Owner's name**	New Orleans Airport (MSY)		
Project location	Kenner, LA		**Owner's Project Manager**	Kenny Boyd	
Owner's address, phone, email	1 Terminal Dr, Kenner, LA 70062 / 303.641.9729 / ksboyd@burnsmcd.com				
Services commenced by this firm (mm/yy)	03/21		**Total consultant contract cost ($1,000's)**		$180.5
Services completed by this firm (mm/yy)	Ongoing		**Cost of consultant services provided by this firm ($1,000's)**		$180.5

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

Executed under a general engineering contract, Gresham Smith is currently providing design and project management for the City of New Orleans to widen the main exit road at Louis Armstrong New Orleans International Airport (MSY) from 2 lanes to 3 lanes. The project includes widening of approximately 1/4-mile of roadway, extending the roundabout slip lane exit from the roundabout and tying into the design-build flyover project currently under construction (S.P. H.011670). The completed widened road will connect the I-10 at Loyola Interchange Design-Build project that is currently under construction for LADOTD, improving the flow of traffic from MSY.



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

From the start, this project involved constant communication with both MSY Airport representatives along with coordination with the consultant for the I-10 at Loyola Interchange Design-Build project. A key aspect of this project was coordinating with the I-10 at Loyola Interchange Design-Build project which is currently under construction in order to facilitate a smooth transition for the widening of the roadway. This project was signed and sealed recently and is scheduled for letting Summer 2022.

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

17. Firm Experience:

Gresham Smith	**Past Performance Evaluation Discipline(s)***	Road

Sandy Springs TS193 Hammond Drive Corridor Design

Firm responsibility (prime or sub?)	Prime

Project number	N/A	**Owner's name**	City of Sandy Springs
Project location	Sandy Springs, GA	**Owner's Project Manager**	Allen Johnson, P.E., PMP, TSPLOST Program Manager
Owner's address, phone, email	1 Galambos Way, Sandy Springs, GA 30328 / 770.206.2013 / ajohnson@sandyspringsga.gov		

Services commenced by this firm (mm/yy)	09/18	**Total consultant contract cost ($1,000's)**	$247
Services completed by this firm (mm/yy)	09/20	**Cost of consultant services provided by this firm ($1,000's)**	$247

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

The purpose of this project is to improve safety and mobility and to improve bicycle/pedestrian access along Hammond Drive from Roswell Road (State Route 9) to Glenridge Drive in the north metro Atlanta city of Sandy Springs. This portion of Hammond Drive currently carries a volume of traffic which is higher than its two lane capacity and experiences severe congestion and queuing of traffic, especially during peak commuting hours. In its current configuration, this street also lacks adequate facilities for people walking, biking, and taking transit. Gresham Smith is tasked with developing a concept that addresses city mobility and safety concerns as well as numerous stakeholder and community input. Our scope includes public involvement, concept development, traffic analysis, roadway design, bridge design, hydraulic analysis, and preliminary, right of way, and final design development construction plans.

Public Involvement

While the public involvement process is ongoing, Gresham Smith staff attended a Sandy Springs "Neighborhood Input Session" that sought input from neighborhood residents about their hopes and concerns for the project. Five key themes emerged from this session that were incorporated into the design concept and will be presented at a public meeting early next year:

- Safety: Concerns that a redesigned Hammond Drive would make it more difficult to walk or ride a bike along or across the road.
- Quality of life: Hopes that a redesigned Hammond Drive would include "wow me" green spaces; attractive and effective screening for nearby homes; new parks or pools; and perhaps the burying of utilities underground.
- Neighborhood cohesion: The desire that there would be an innovative way to easily cross Hammond, such as a pedestrian/cyclist bridge or tunnel.
- Access: Concerns that a redesigned Hammond Drive would open the door for more cut-through traffic while making it harder for residents of Glenridge Hammond to enter and leave their neighborhood and hope that the project would find new ways of limiting cut-through traffic.
- Neighborhood appeal: In general, many worried that a redesigned Hammond Drive would damage the appeal of the neighborhood (and reduce property values). The hopes were that by making some of the improvements listed above, the neighborhood might become even more appealing—and that property values would appreciate.

Services: Traffic Analysis, Conceptual Alternatives Evaluation, Multimodal Concept Design, Visualization, Public Engagement
Nature of firm's responsibility: Prime
Firm members involved include: Shawn Reese

17. Firm Experience:

Gresham Smith				Past Performance Evaluation Discipline(s)*	Road
MDOT, SR 302 (Goodman Road) Safety Improvements near the I-55 Interchange				**Firm responsibility (prime or sub?)**	Prime
Project number	N/A	**Owner's name**	Mississippi Department of Transportation		
Project location	DeSoto County, MS		**Owner's Project Manager**	Richard Pittman	
Owner's address, phone, email	401 North West Street, Jackson, MS 39201 / 601.359.7250 / rpittman@mdot.ms.gov				
Services commenced by this firm (mm/yy)	11/16		**Total consultant contract cost ($1,000's)**		$246
Services completed by this firm (mm/yy)	09/17		**Cost of consultant services provided by this firm ($1,000's)**		$246

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

Gresham Smith developed a feasibility study prior to this design project for MDOT. Based on our feasibility study, MDOT contracted with Gresham Smith to provide Phase A roadway, Phase B roadway, traffic signalization, and lighting services for a modified design that would be compatible with the larger subsequent project. Gresham Smith's Phase B scope of work included typical sections, plan-profiles, urban roadway hydraulic design, traffic control plans, erosion control plans, permanent and directional signing, pavement markings, traffic signals, and lighting plans.

SR 302 / I-55 Interchange Concept

Phase B Roadway improvements for the interim project were along Goodman Road at the I-55 interchange from Interstate Boulevard to Southcrest Parkway and included reconfiguration of both ramp intersections to improve traffic flow. Overhead signs and slotted curb were utilized to separate traffic prior to entering this heavily congested area thereby reducing the weaving movements. To reduce future reconstruction and traffic control phasing in the ultimate project, Gresham Smith identified trenched slotted curbs for areas where the slotted curb would remain as well as doweled slotted curbs in areas where slotted curbs would need to be removed in the ultimate project.

Project Highlights

- Urban Roadway Hydraulic Design
- Phases A & B Roadway Design
- Traffic Signalization
- Lighting Design

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.
Firm members involved include: Bert Moore and Matt Williams

17. Firm Experience:

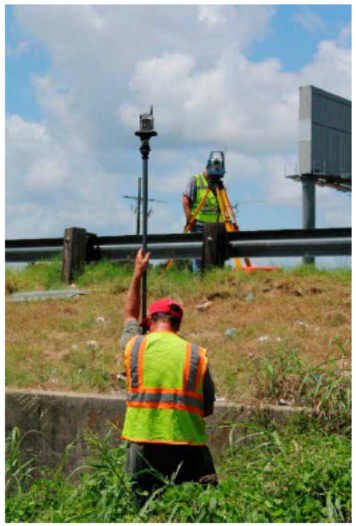
Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey

I-10: LA 415 to Essen Lane on I-10 and I-12	Firm responsibility (prime or sub?)	Sub

Project number	H.004100	**Owner's name**	Louisiana Department of Transportation and Development
Project location	West and East Baton Rouge Parish, LA	**Owner's Project Manager**	Nicholas Olivier
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802 / 225.379.1133 / nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	01/18	**Total consultant contract cost ($1,000's)**	N/A
Services completed by this firm (mm/yy)	Ongoing	**Cost of consultant services provided by this firm ($1,000's)**	$296

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

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



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

Members Involved: Karla E. Weston, P.E.; Ralph Burgess, PLS, Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D scanning technician; John Ewing, Survey Tech.

Performed in LA: 100%

17. Firm Experience:

Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey

I-10: TX State Line East of Coone Gully

Firm responsibility (prime or sub?)	Sub

Project number	H.003284.5	**Owner's name**	Louisiana Department of Transportation and Development
Project location	Calcasieu, LA	**Owner's Project Manager**	Stanley Ard, PLS
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA 70802 / 225.379.1292 / stanley.ard@la.gov		
Services commenced by this firm (mm/yy)	10/15	**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)**	$443

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

Project Description: This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

- In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

CD&C's Role: CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project.** The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project.

Members Involved: CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS, Survey Manager; Christopher Ballard, PLS, Survey Project Manager; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician; John Ewing, Survey Technician, Scott Benton, 3D Scanning Technician.

Performed in LA: 100%

17. Firm Experience:

Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey

Verot School Road

Firm responsibility (prime or sub?)	Sub

Project number	H.011235	Owner's name	Louisiana Department of Transportation and Development
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle
Owner's address, phone, email	922 W. Pont Des Mouton Rd., Lafayette, LA 70507 / 337.234.3798 / tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm ($1,000's)	$435

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

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

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

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

Performed in LA: 100%

17. Firm Experience:

Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	TM

I-10 ITS Scott to Lake Charles				Firm responsibility (prime or sub?)	Sub
Project number	H.013256.5	**Owner's name**	Louisiana Department of Transportation and Development		
Project location	I-10 (District 07)			**Owner's Project Manager**	Roy Esteven, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225.379.2527 / roy.esteven@la.gov				
Services commenced by this firm (mm/yy)	01/21	**Total consultant contract cost ($1,000's)**	Unknown		
Services completed by this firm (mm/yy)	03/21	**Cost of consultant services provided by this firm ($1,000's)**	$20		

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

Vectura performed a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included the following activities:

- safety strategy that included a CAT Scan,
- LOS determination utilizing Citrix data,
- lane closure recommendations based on a queue analysis,
- cost estimate,
- and public information strategies.

Personnel Utilized on this project: Laurence Lambert, Prasanth Malisetty, Reece Rodrigue, & Kristen Farrington (100% performed in Louisiana)

17. Firm Experience:

Vectura Consulting Services, LLC		**Past Performance Evaluation Discipline(s)***	Traffic & CE&I
Belle Chasse Bridge & Tunnel Replacement PPP		**Firm responsibility (prime or sub?)**	Sub
Project number	H.004791	**Owner's name**	Louisiana Department of Transportation and Development
Project location	Belle Chasse, LA	**Owner's Project Manager**	Nickolas Olivier, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225.379.1133 / nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	04/19	**Total consultant contract cost ($1,000's)**	Unknown
Services completed by this firm (mm/yy)	Current	**Cost of consultant services provided by this firm ($1,000's)**	$211

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

Vectura is providing the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. Vectura is responsible for the following tasks:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Assist the Prime with Traffic Management Plan (TMP)
- Response to request for information (RFI's)
- As-built plans for the traffic signals

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, Prasanth, Malisetty, Bridget Robicheaux, and Reece Rodrigue (100% performed in Louisiana)

17. Firm Experience:

Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*	TM
Roundabout: US 171 at Boone St.			**Firm responsibility (prime or sub?)**	Sub
Project number	H.011909.5-4	**Owner's name**	Louisiana Department of Transportation and Development	
Project location	Vernon Parish, LA		**Owner's Project Manager**	Josh Harrouch
Owner's address, phone, email	PO Box 94245 Baton Rouge, LA 70804-9245 / 225.242.4640 / joshua.harrouch@la.gov			
Services commenced by this firm (mm/yy)	11/20	**Total consultant contract cost ($1,000's)**	Unknown	
Services completed by this firm (mm/yy)	12/21	**Cost of consultant services provided by this firm ($1,000's)**	$82	

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

Vectura designed temporary traffic signal plans as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. The purpose of the project was to replace the existing signalized intersection with a multilane roundabout at Boone Street.

Roundabout Pavement Marking QC Review
Staff from Vectura provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.

Temporary Traffic Signal Design
Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase,
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase,
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor,
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate, and
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

Personnel Utilized on this project: Brin Ferlito, Prasanth Malisetty, Reece Rodrigue, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

18. Approach and Methodology:

Project Understanding

The LADOTD Road Design Section maintains a large staff of professional engineers and engineer interns to design and deliver a number of different types of projects for the state of Louisiana. These types of projects include roadway widenings, roundabouts, new alignment roadways, intersection improvements, bridge replacements, and many more. At Gresham Smith, we have several engineers on staff who once worked in the road design section at LADOTD. Therefore, we understand that there are times when workloads are high that LADOTD must lean on its consultant community to help design and deliver projects. Because of this, LADOTD maintains two IDIQ Contracts for Roadway Design Services so that they may quickly initiate design projects with their selected consultants.

When a project is designated to be a task order within the Roadway IDIQ, there is always a reason for it. The most common reason is that the LADOTD in-house design staff are at their capacity, and the designated project is on a compressed timeline. It is critical that the selected consultant has the ability and capacity available to deliver projects within budget and on tight schedules. And as former LADOTD staff who have reviewed consultant plans ourselves, we also understand how important it is that the consultants doing work for LADOTD have good knowledge of LADOTD design policies and guidelines, and that they know how to develop a set of plans that meet the standard set by LADOTD's in-house design staff.

Design Task Orders

We shall perform all engineering services in support of roadway design as required to prepare Preliminary and Final Roadway Plans and associated services for statewide projects covered by an IDIQ Contract under separate Task Orders (TO's). Therefore, the projects could be of varying scope, but the delivery method should be very similar for each project. We anticipate the design process for most design task orders to typically consist of the following:

Kickoff Meeting

We will hold a pre-design kickoff meeting to discuss project scope and major discussion points. This meeting will consist of members of Gresham Smith's design team, along with representatives from all LADOTD Sections involved, the LADOTD Project Manager and the District where the project is located.

Topographic Survey

The first step in the design process will be the initial topographic and property survey, if not completed and furnished by the LADOTD's Survey retainer. Should a survey be required we will collaborate with our sub-consultant, Civil Design and Construction, to gather all existing topographic information based on coverage of the project limits with additional survey necessary for any Traffic Control Design. In addition to the services above, CD&C will also produce an Existing Drainage Map if needed.

Preliminary Design

The Preliminary Plan Design process is expected to be comprised of a 30%, 60%, 90%, and 100% submittal. Additionally, a Plan-in-Hand meeting will be held following the 90% Preliminary Plan submittal.

The 30% submittal will consist of the Title Sheet, Proposed Typical Section, and Plan Profile Sheets. Subgrade Soil survey information will need to be requested at this point. The plans will undergo a geometric review. The design of the projects should take into consideration existing utilities and existing right of way. A good design looks to accomplish the scope of the project but also minimize impacts to Utility relocation and right of way acquisition.

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

The 90% submittal will add suggested sequence of construction sheets and suggested temporary erosion control sheets to the plans. This is the first major plan submittal, and a construction cost estimate with quantities for big ticket items will be included with this submittal. A Plan-in-Hand meeting and site visit will be scheduled at least three weeks following the submittal. This meeting will be attended by the Gresham Smith Design Team, along with representatives from both LADOTD and

local District. Any design waivers or design exceptions needed for the project will be submitted at this time.

The 100% Preliminary Plan submittal will have addressed all Plan-in-Hand comments and consist of the Final ROW taking lines in order to initiate the ROW Map development, if necessary. A Joint Plan Review Meeting will be held at this time to discuss the Base ROW Maps.

Final Design
The Final Design process is expected to be comprised of a 60%, 95%, 98%, and 100% submittal. All Final Plan submissions will consist of the full plan set and construction cost estimates.

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), any special provision write ups 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.

Other Services

While we anticipate that design task orders will consist of a large portion of the work to be initiated within this IDIQ, we understand that other services may be initiated within this contract. We are prepared to deliver road design services during the environmental process as needed. This work may include engineering drawings and details, public presentations and exhibits, and any other related work to support LADOTD in obtaining environmental approvals.

Gresham Smith and our sub-consultant Vectura are also very experienced in traffic signal analysis and design, along with providing engineering services necessary for the development of Transportation Management Plans (TMPs).

Finally, we are very experienced in providing CE&I services which will help us deliver any necessary Construction Support services such as responding to RFI's and potentially any on-call construction support services.

30% Preliminary Plans	60% Preliminary Plans	90% Preliminary Plans	60% Final Plans	95% Final Plans	98% Final Plans	100% Final Plans
Secure Traffic Data for Typical section	Hydraulics/Drainage Calculations	Plan-in-Hand Meeting	Property survey and ROW maps	Constructability/ Biddability Review	Area of disturbance, Contract Time Worksheet, SWPPP, Final Plan QC/ QA Review	Signed and Sealed Plans
Topographic Survey of existing conditions	Drainage Plan Profile Sheets, Geometric Details, Cross Sections	List of potential items, Summary Sheets with tables set up, suggested sequence of construction	Joint Plan Review Meeting	Draft Technical Provisions with cover sheet (as applicable)	Final Technical Provisions	Submitted in electronic PDF and one reproduccible full size set
Title Sheet, Proposed Typical Section, Plan Profie Sheets	Preliminary Design Report	Final Design Report	Revised Final Design Report (if Necessary)	Revised Final Design Report (if necessary)	Revised Final Design Report (if necessary)	Revised Final Design Report (if necessary)
Perform Subgrade soil survey and PH and Resisitivity	Preliminary Hydraulics and Geometrics Reviews	Initial Design Exception or Waiver request (if necessary)	Final Hydraulics Review	Cost Estimate	Cost Estimate	Cost Estimate

Project Expertise on Similar Projects

Our team's proven track record in the design and management of transportation projects speaks for itself. Gresham Smith has completed numerous successful projects for many transportation agencies across the Southeast. Several of these projects have received awards from our industry peers. In addition, through our various IDIQ contracts with DOTD, we have completed over 45 individual task orders in the past 3 years. This demonstrates our firm and staff experience on completing multiple concurrent projects with a variety of tasks including traffic management, safety, roadway design, bridge design, and coordinating with surveyors and other subconsultants.

Quality Program

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

CADD Software

At Gresham Smith, we are expertly familiar with LADOTD's current software and deliverable standards for electronic plans (Bentley Inroads V8i and Inroads DGN graphics), and we are aware that InRoads SS4 and OpenRoads Designer (ORD) are not supported at this time. However, we are currently monitoring Bentley's transition from MicroStation and Inroads to ORD and have been in constant contact with LADOTD's CADD Group Manager in order to stay up to date on LADOTD's plan for transition to the Bentley's latest software.

As this contract shall be in effect for five years in total, it is virtually guaranteed that some important decisions will need to be made regarding CADD software, and whether active task orders will be fully designed within the current CADD software or whether there will need to be a transition to the new software. This will be a major transition, and something which could have a large impact on both our project design quality and schedule.

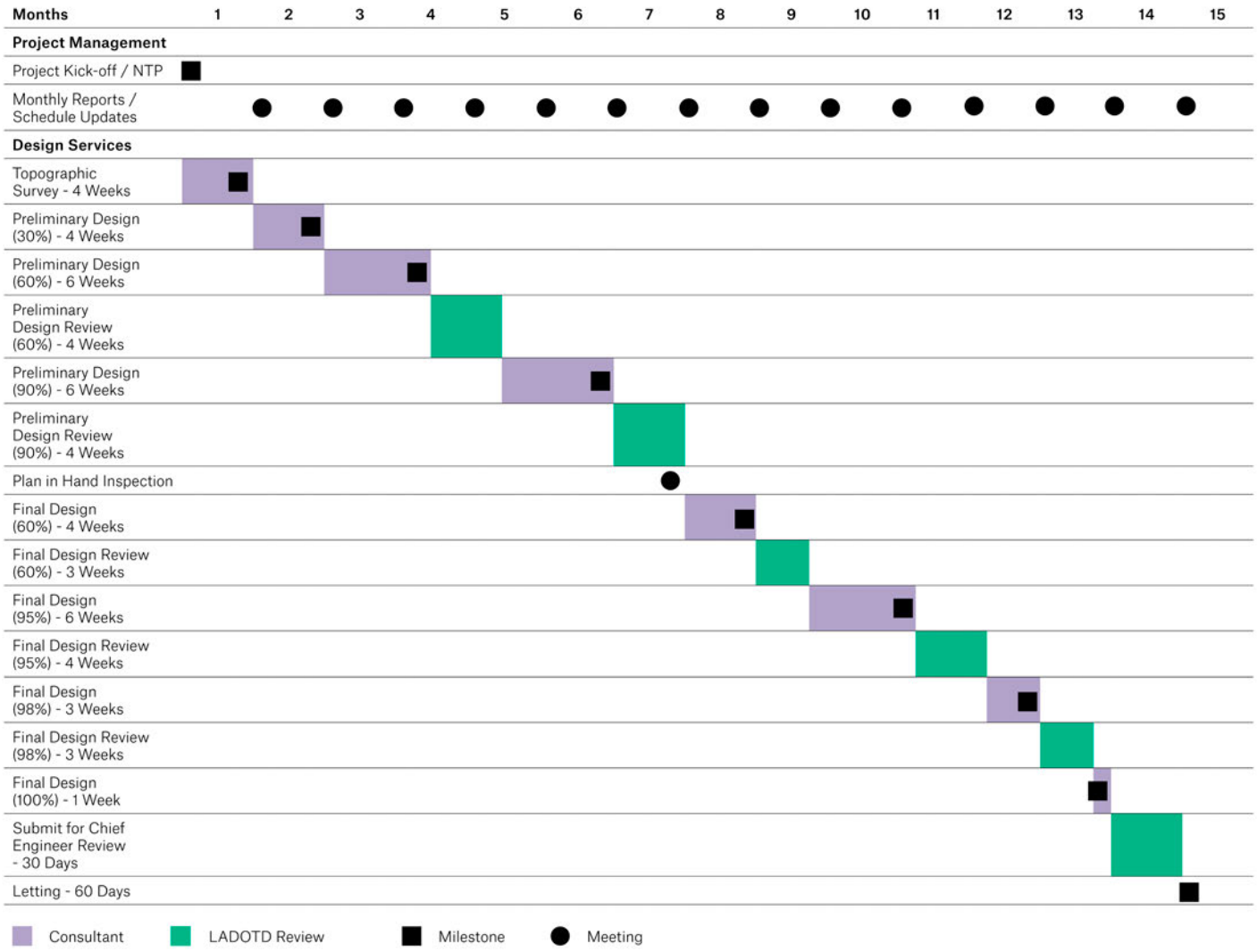
Gresham Smith is dedicated to tackling this issue head on in order to prevent budget and schedule delays while maintaining the quality of our work. Brennon and his team have already completed ORD beginner and intermediate training courses. Gresham Smith has also created an ORD Technical Leadership Group within our practice which is comprised of a team experts in ORD. These experts are available to aid our design teams in each state while transitioning plans to ORD software and have done so for DOT projects we have completed in North Carolina, Kentucky, and Alabama.

Demonstrated Ability to Meet Schedules

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

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

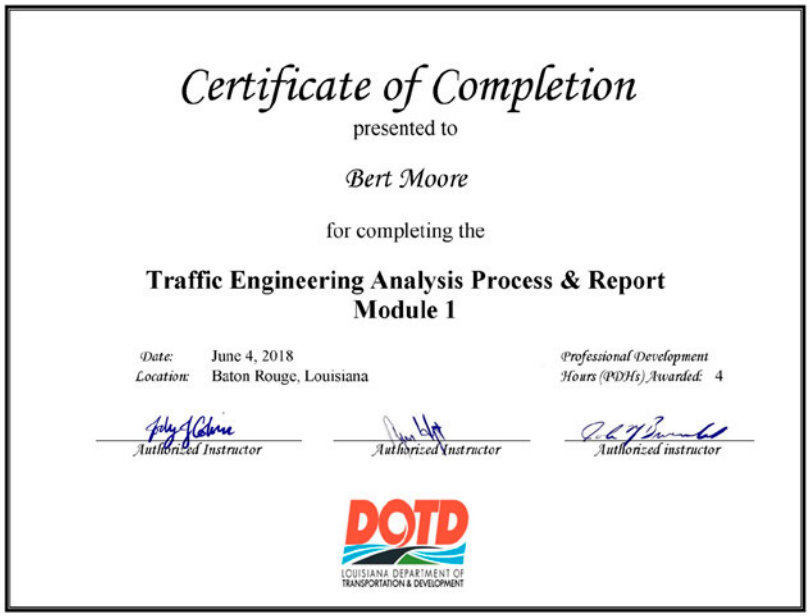
Termini	TBD
Location	Statewide, Louisiana
Scope	Various Roadway Task Orders: Widenings, Roundabouts, Intersection Improvements, etc.
Notice to Proceed	TBD
Kick-off Meeting	TBD
Due Date	TBD



19. Workload:

Firm	Past Performance Evaluation Disciplines(s) *	State Project Number	Project Name and Location	Remaining unpaid balance**
Gresham Smith	Traffic	H.12018.5	Lafayette Adaptive Traffic Signals	$151,483
Gresham Smith	Road	H.013271.5-2	LRSP/SRTS Tangipahoa Striping and Signage	$7,414
Gresham Smith	Road	H.012279.5	LRSP/SRTS Endom Bridge Construction Support Supplement	$4,326
Gresham Smith	CE&I/OV / ITS	H.011500.6	Lake Charles ITS Phase 3	$16,630
Gresham Smith	CE&I/OV / ITS	H.012381.6-2	Fiber Optic Mapping and Management Services – Lafayette, West Baton Rouge, point Coupee, St. Landry and Rapides	$1,688
Gresham Smith	CE&I/OV / ITS	H.012381.6	Fiber Optic Mapping and Management Services - Calcasieu, Jefferson, Orleans, Ouachita, Plaquemines and St. Charles	$434,974
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#4	$206,661
Gresham Smith	Bridge	H.009730.5	Complex Bridge Inspection TO#5	$319,028
Gresham Smith	Road	H.013720.5	LRSP Signs and Stripping - Bonner Street Bridge Pedestrian Improvements	$18,532
Gresham Smith	Road	H.013767.5	LRSP Signs and Stripping - St. Landry and St. Martin Parishes	$95,014
Gresham Smith	Road	H.012527.6	LRSP/SRTS West Feliciana Signs, Striping and Guardrail Construction Support Supplement	$5,936
Gresham Smith	CE&I/OV	H.009308.6	TO#1 New Orleans DPW SRTS Sidewalk Project	$38,538
Civil Design & Construction, Inc.	Surveying	4400017597	Rural Bridge Replacement Initiative (Districts 03, 07, 61, & 62)	$4,335
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	$126,727
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	$246,123
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	$4,959
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	$52,436
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	$209,504
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	$58,309
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$21,999
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	$28,026

20. Certifications/Licenses:



Certificate of Completion

presented to

Bert Moore

for completing the

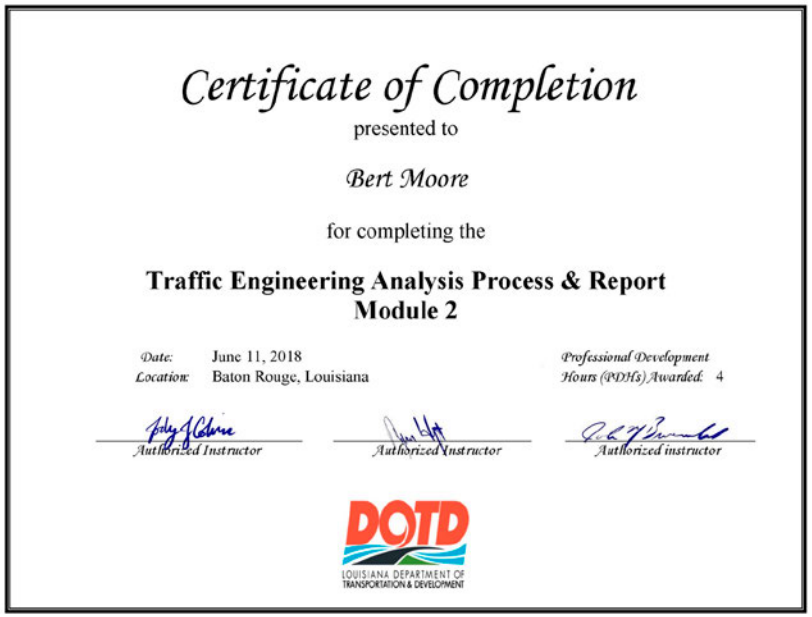
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Bert Moore

for completing the

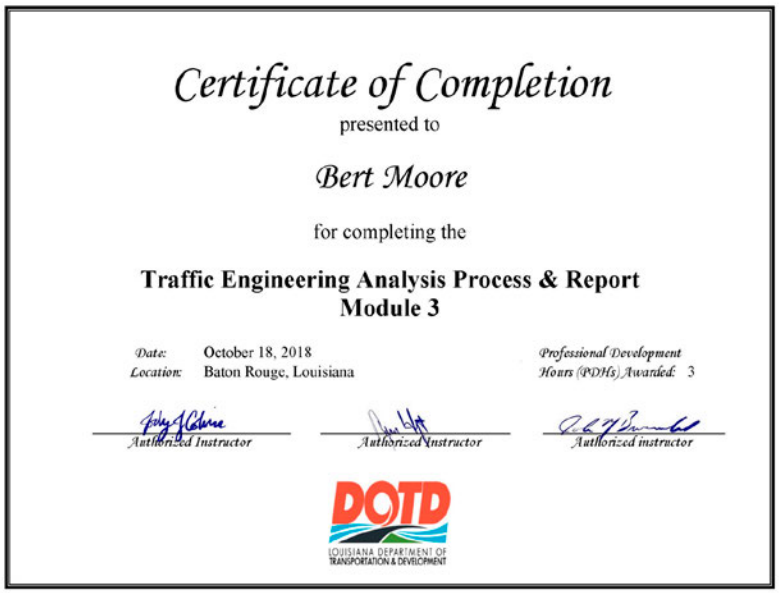
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

U.S. Department of Transportation
Federal Highway Administration

RESOURCE CENTER

Certificate of Completion

BERT MOORE

has successfully completed the course entitled:

Designing Pedestrian Facilities for Accessibility (DPFA)

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

Hours of Instruction enhancing Professional Development: 12 hrs

Patrick E. Gomez
Civil Rights Specialist
Federal Highway Administration

Ted Green
Professional Engineer
New Jersey LTAP

Certificate of Training

PRESENTED BY

The National Cooperative Research Program

TO CERTIFY THAT

Herbert Moore

HAS SATISFACTORILY COMPLETED 20 HOURS OF TRAINING IN:

Highway Safety Manual Workshop

NCHRP 17-38

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

LOUISIANA'S ON THE MOVE DOTD BUILDS THE WAY

December 1-3, 2010
Date

Baton Rouge, Louisiana
Location

Certificate of Training

PRESENTED BY

Louisiana Local Technical
Assistance Program

TO CERTIFY THAT

Bert Moore

HAS SATISFACTORILY COMPLETED 3 PROFESSIONAL DEVELOPMENT HOURS IN:

Regional Crash Data Workshop

Director of Louisiana LTAP Center

LOCAL TECHNICAL ASSISTANCE PROGRAM LTAP

February 23, 2017
Date

Baton Rouge, Louisiana
Location

The American Traffic Safety
Services Association

Hereby recognizes that

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

4/13/2019 to 4/13/2019
Date

New Orleans, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

ATSSA
SAFER ROADS SAVE LIVES

AMERICAN TRAFFIC
SAFETY SERVICES
ASSOCIATION

SLOW

This is to affirm that
Herbert Moore
has satisfied the requirements
to be designated as a
CERTIFIED FLAGGER

Expiration Date 4/25/2023 *State Issued in* LA

Instructor Signature

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

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

BRENNON HUGHES

has participated in

FHWA-NHI-380096V Modern Roundabouts: Intersections Designed for Safety

hosted by

LA DOTD/LTRC

Date: *September 8 and 9, 2020* *Hours of Instruction:* 6

Location: *Virtual Delivery*

Instructor

Allison H. Landry
Local Coordinator

Instructor

Thomas Harman
Thomas Harman, Director
National Highway Institute

The American Traffic Safety Services Association

Hereby recognizes that

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

07/26/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

ATSSA
SAFER ROADS SAVE LIVES

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

SLOW

This is to affirm that

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

Expiration Date 4/28/2023 *State Issued in* LA

Instructor Signature

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

RTA DOTD

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Vectura Consulting Services, LLC

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

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2022 to June 2023

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

RTA DOTD

LOUISIANA UNIFIED CERTIFICATION PROGRAM

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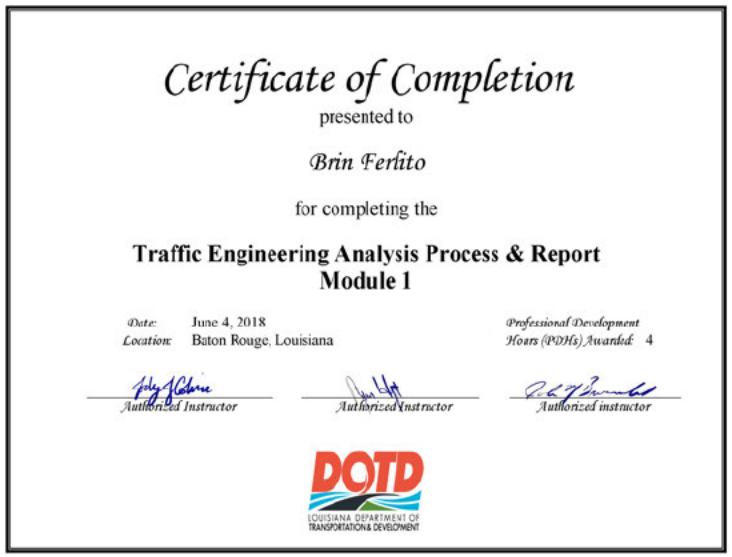
Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development



Certificate of Completion

presented to

Brin Ferlito

for completing the

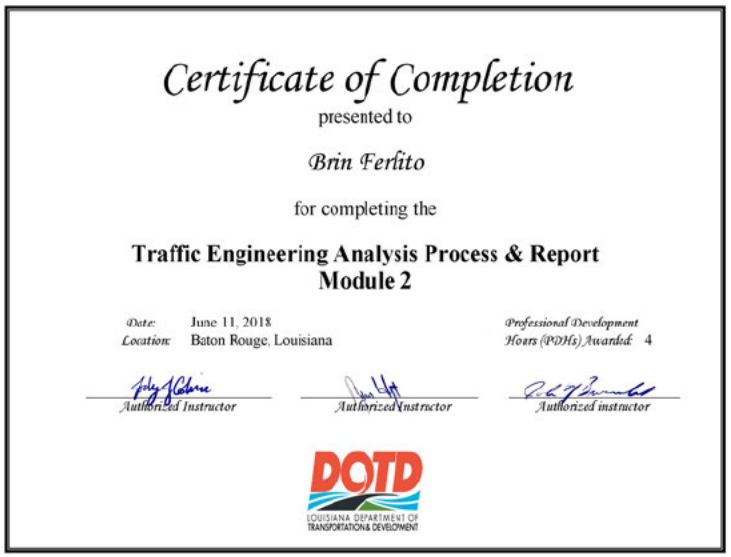
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

for completing the

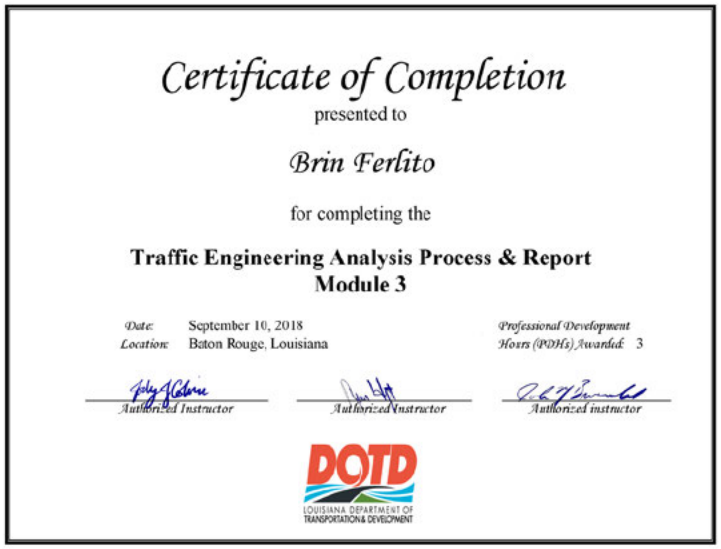
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

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

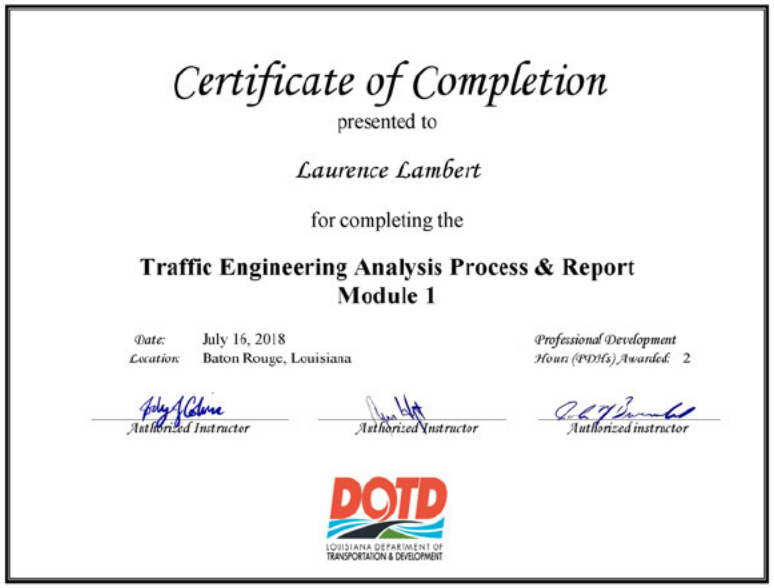
Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com



Certificate of Completion

presented to

Laurence Lambert

for completing the

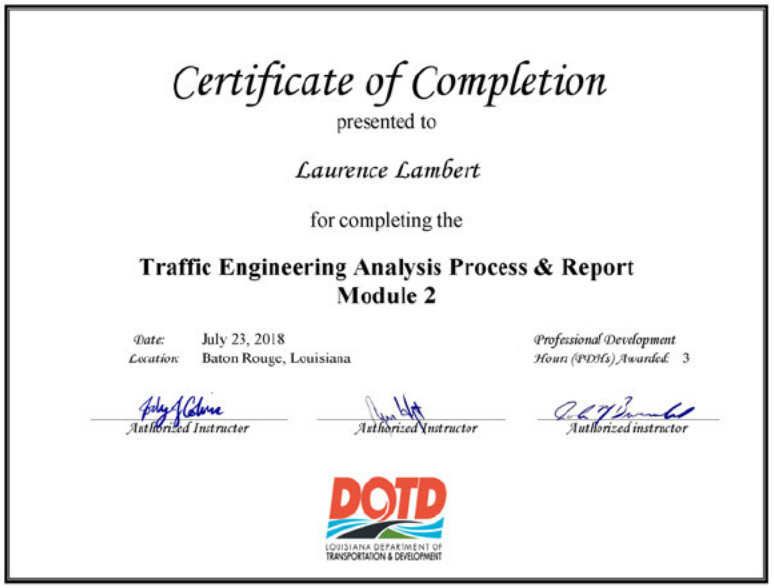
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

for completing the

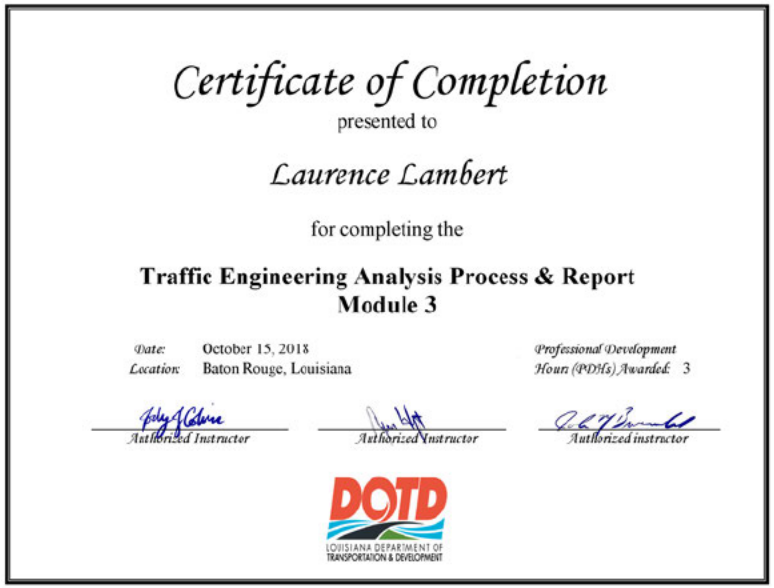
Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

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

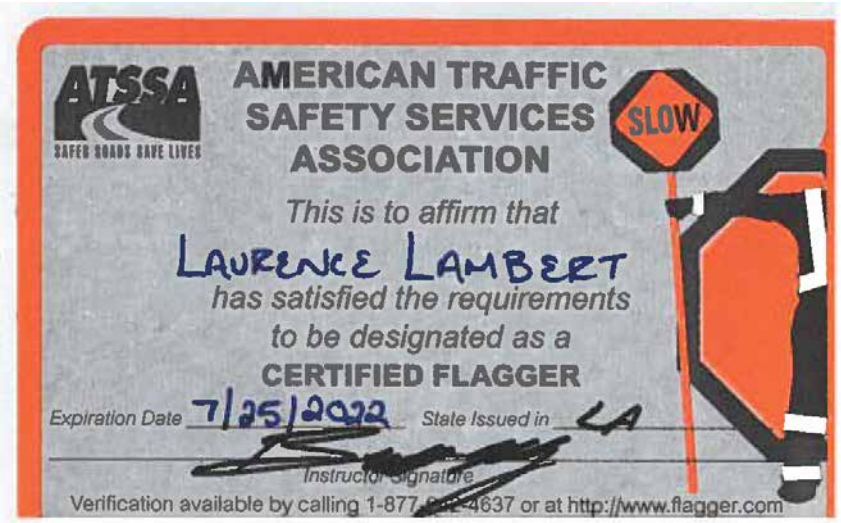
Director of Training

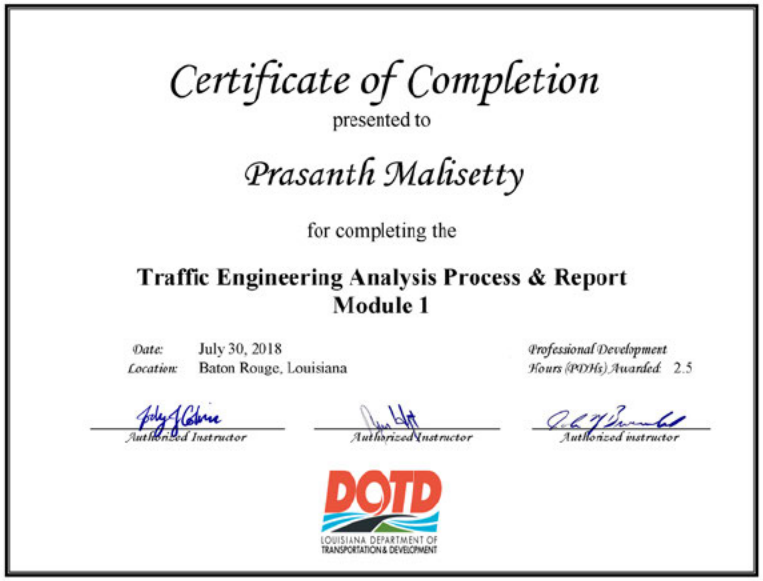
Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com


ATSSA
SAFER ROADS SAVE LIVES
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
SLOW
This is to affirm that
LAURENCE LAMBERT
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER
Expiration Date 7/25/2022
State Issued in LA
Instructor Signature
Verification available by calling 1-877-[illegible]-4637 or at http://www.flagger.com



Certificate of Completion

presented to

Prasanth Malisetty

for completing the

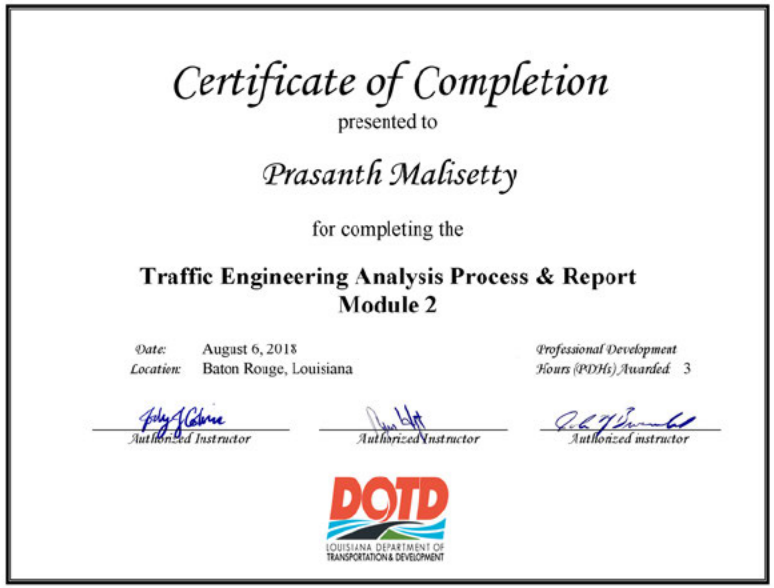
Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Prasanth Malisetty

for completing the

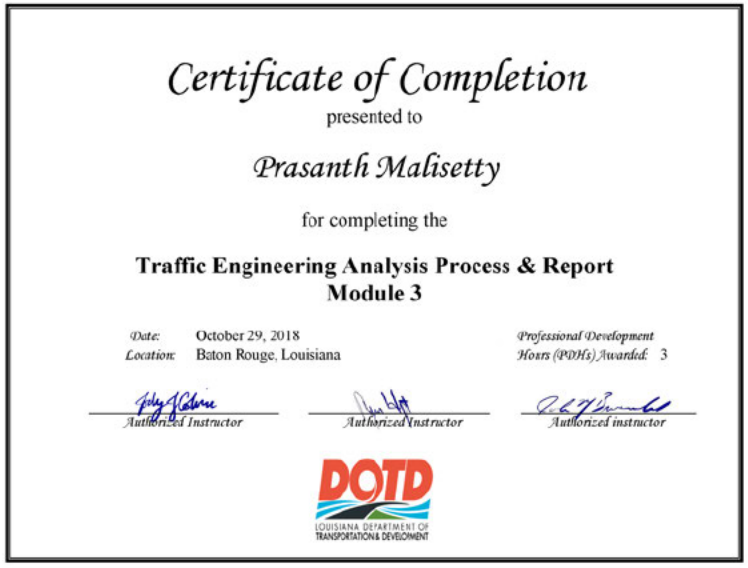
Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



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

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Training

this certifies that

Prasanth Malisetty

has successfully completed the training program requirements for

Online Flagger Certification Training Course

Awarded on this **29th** *day of* **January 2020**

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Technician-LA State Specific

Training Course

11/12/2019 to 11/12/2019
Date

Baton Rouge, LA
Location

ATSSA
SAVES ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Supervisor-LA State Specific

Training Course

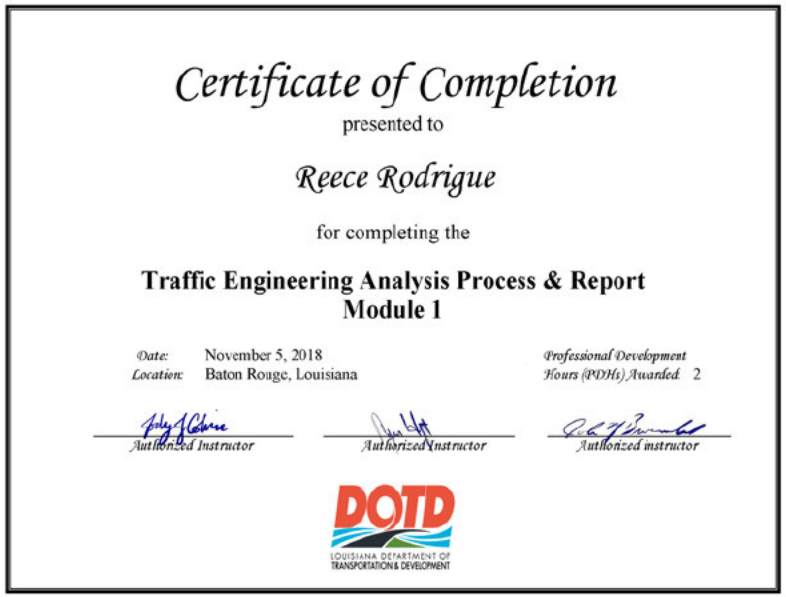
11/13/2019 to 11/14/2019
Date

Baton Rouge, LA
Location

ATSSA
SAVES ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO



Certificate of Completion

presented to

Reece Rodrigue

for completing the

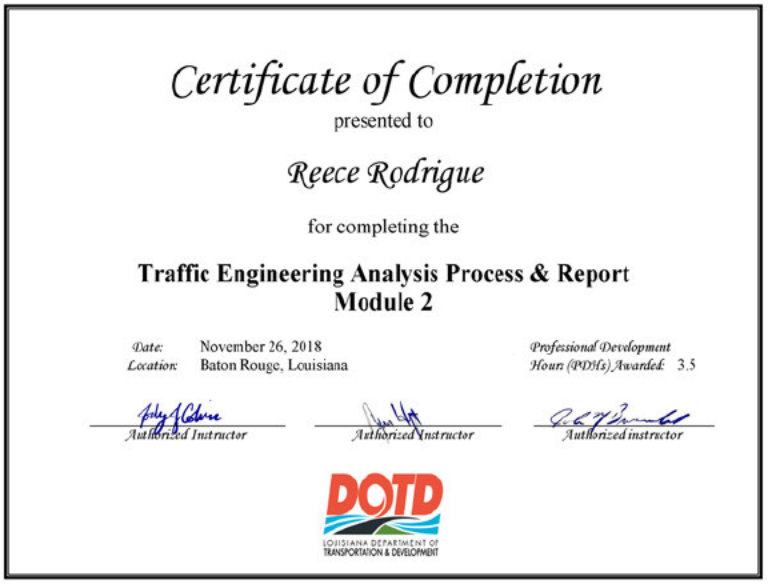
Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Reece Rodrigue

for completing the

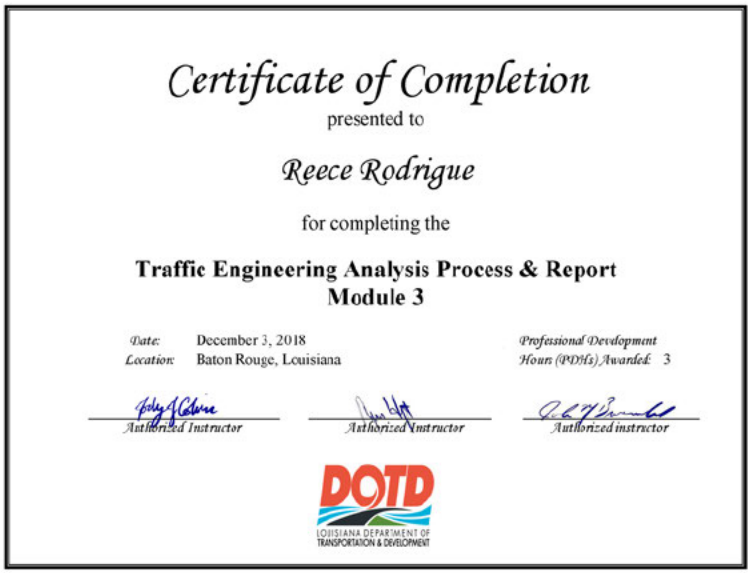
Traffic Engineering Analysis Process & Report
Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Training

this certifies that

Reece Rodrigue

has successfully completed the training program requirements for

ATSSA Online Flagger Certification Training Course

Awarded on this **24th** day of **September 2020**

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue
has attended
Traffic Control Supervisor-LA State Specific
Training Course

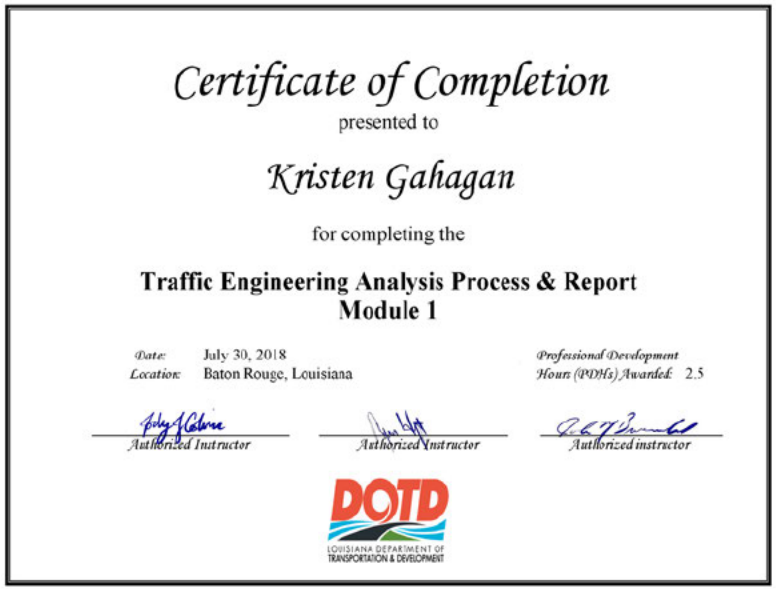
9/4/2019 to 9/5/2019
Date

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com



Certificate of Completion

presented to

Kristen Gahagan

for completing the

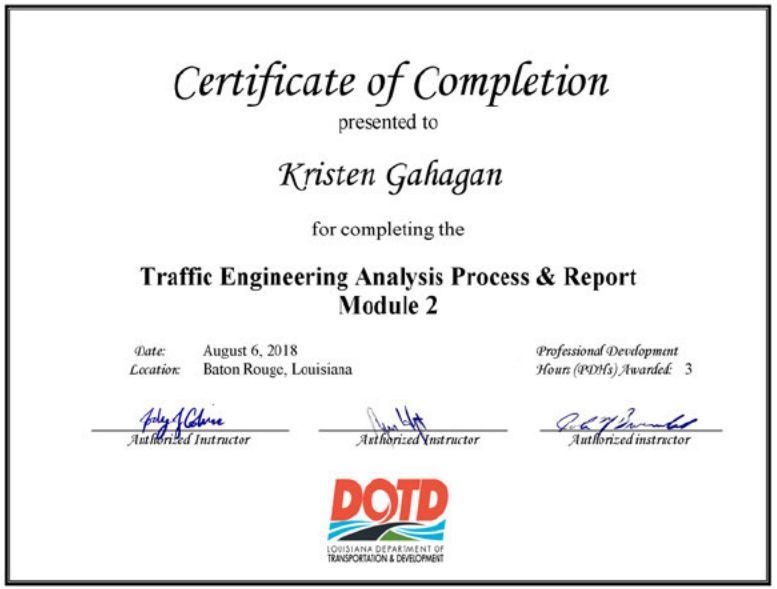
Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kristen Gahagan

for completing the

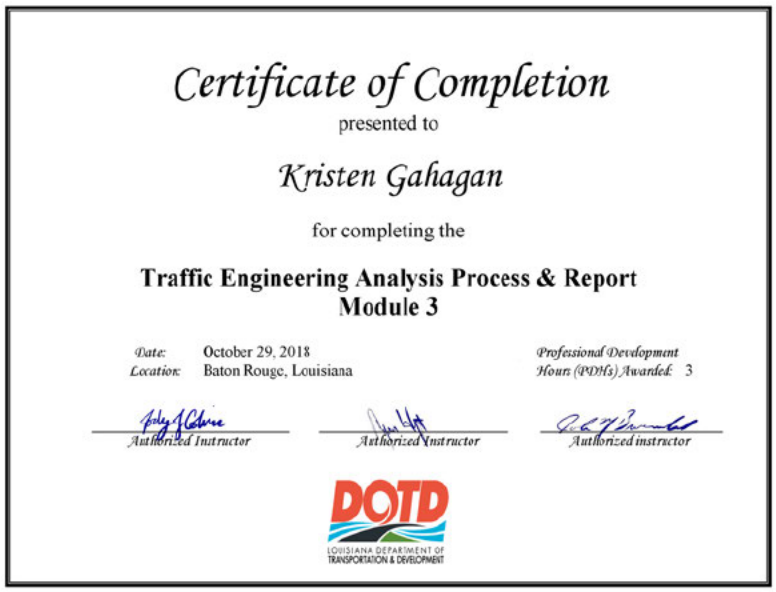
Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kristen Farrington
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

4/5/2021 to 4/5/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Kristen Farrington

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 7/5/2025 *State Issued in* LA

Instructor Signature

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

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

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

22. Sub-consultant Information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction, Inc.	PO Box 857, Port Allen, LA 70767/3251 Southern Pacific Rd.	Karla E. Weston, PE kweston@cdcbr.com	225.765.1802
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, bferlito@vecturacs.com	225.223.6685

(Add rows as needed)

23. Location:

[redacted]

Gresham Smith

Genuine Ingenuity

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10000 Perkins Rowe
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