

An aerial photograph of an industrial and urban landscape. In the foreground, a multi-lane asphalt road curves through the scene. To the left of the road are several large industrial buildings with grey roofs, some with loading docks and parked trucks. To the right of the road is a large, open, grassy area with patches of dirt and some small trees. In the background, a river flows through the landscape, bordered by dense green trees. Further back, a hillside is covered with residential houses. The sky is blue with scattered white clouds.

# Gresham Smith

A large, white, stylized logo consisting of a circle on the left and a square on the right, both with a diagonal cutout in the center, creating a continuous shape.

## LADOTD

IDIQ Contracts for Roadway Design Services, Statewide | Contract Nos. 4400024927 and 4400024928  
Statewide, LA | October, 4 2022





## Genuine Ingenuity

10000 Perkins Rowe  
Suite 280  
Baton Rouge, LA 70810

225.757.5849  
GreshamSmith.com

**Gresham  
Smith**

October 4, 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 Nos. 4400024927 and 4400024928  
IDIQ Contracts 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 throughout the state 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



**Gresham  
Smith**

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.
- 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 the ADA of Engineering, over the design (including pavement preservation), water resources, permit, and materials testing sections.
- 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 23 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.

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

Sincerely,


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

# DOTD FORM: 24-102

(Revised 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 Contracts for Roadway Design Services, Statewide  |
| 2. Contract number(s) as shown in the advertisement  | 4400024927 and 4400024928  |
| 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)  |  <b>Gresham<br/>Smith</b>                        |
| 5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law) | EF.0003429<br>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.<br>Senior Transportation Engineer<br>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<br>State Transportation Leader - Louisiana<br>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: October 4, 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)' %: 12%



12. Past Performance Evaluation Discipline Table:

| Past Performance Rating Categories   | % of Overall Contract | Gresham Smith (Prime) | CD&C (DBE) (Sub) | Crescent Engineering & Mapping, LLC (Sub) |
|--|-----------------------|-----------------------|------------------|---|
| Road   | 70%                   | 95%                   | 0%               | 5%  |
| Survey   | 15%                   | 0%                    | 80%              | 20%                                       |
| Traffic  | 10%                   | 100%                  | 0%               | 0%  |
| Other (Bridge or Utility if necessary)   | 5%                    | 50%                   | 0%               | 50%                                       |
| Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant. |                       |                       |                  |   |
| Percent of Contract  | 100%                  | 79%                   | 12%              | 9%  |



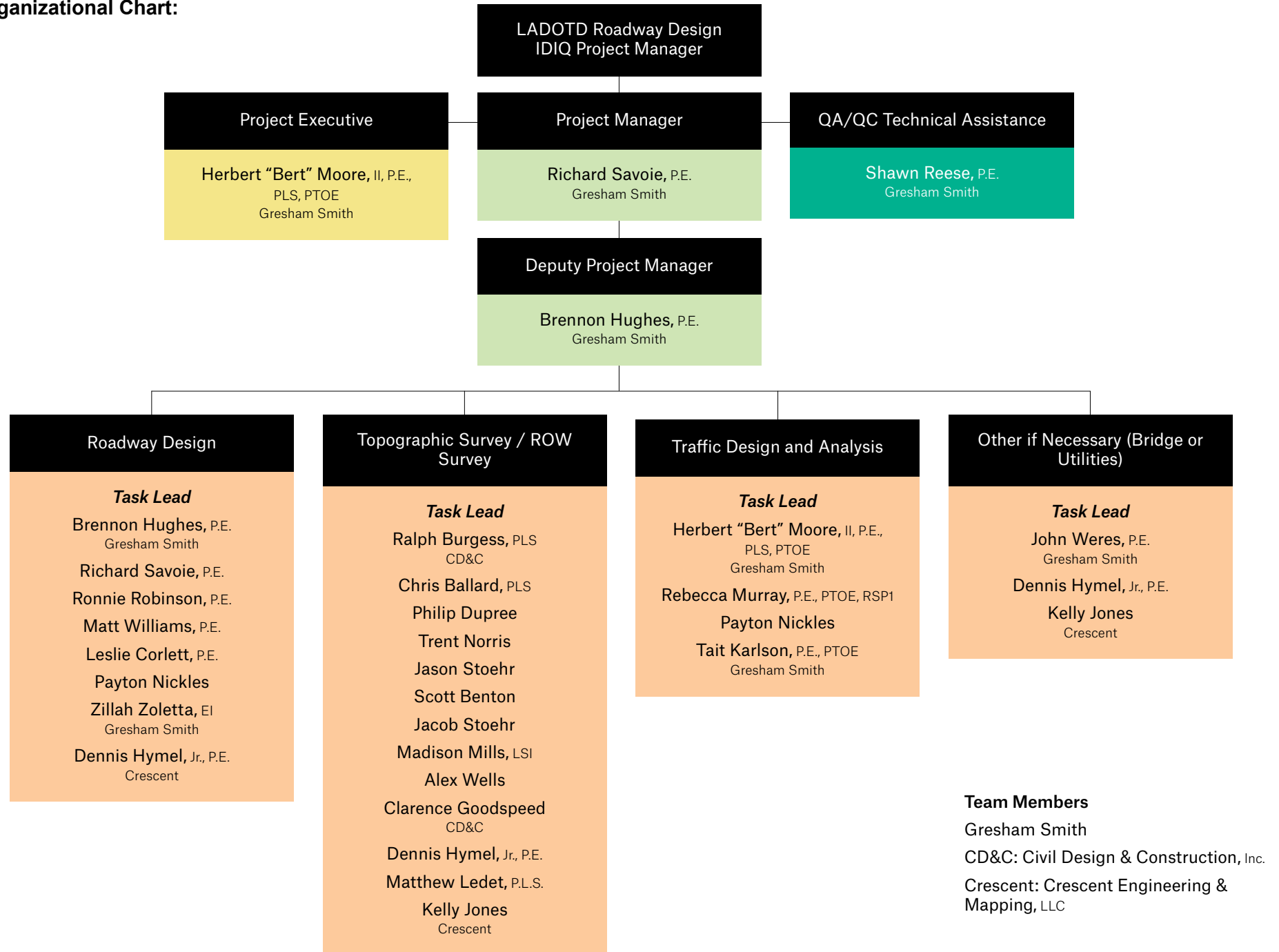
### 13. Firm Size:

| Firm Name                           | DOTD Job Classification | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|-------------------------------------|-------------------------|--|---|
| Gresham Smith                       | Principal               | 1  | 1   |
| Gresham Smith                       | Supervisor-Engineer     | 2  | 6   |
| Gresham Smith                       | Engineer                | 2  | 8   |
| Gresham Smith                       | Engineer Intern         | 2  | 8   |
| Gresham Smith                       | Senior Technician       | 2  | 6   |
| 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   |
| Crescent Engineering & Mapping, LLC | Supervisor - Engineer   | 1  | 1   |
| Crescent Engineering & Mapping, LLC | Surveyor                | 1  | 1   |
| Crescent Engineering & Mapping, LLC | Technician              | 1  | 1   |
| Crescent Engineering & Mapping, LLC | Party Chief             | 2  | 2   |





## 14. Organizational Chart:



## 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<br>Exp. 9/30/2023        |
|                                     |   |                  | PLS                                      | Louisiana        | PLS LA 5043<br>Exp. 9/30/2023           |
|                                     |   |                  | PTOE                                     | International    | PTOE 2728<br>Exp. 9/30/2024             |
| 2.                                  | Herbert "Bert" Moore, II, P.E., PLS, PTOE   | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 31065<br>Exp. 9/30/2023        |
|                                     |   |                  | PLS                                      | Louisiana        | PLS LA 5043<br>Exp. 9/30/2023           |
|                                     |   |                  | PTOE                                     | International    | PTOE 2728<br>Exp. 9/30/2024             |
| 3.                                  | Richard Savoie, P.E.  | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 20936<br>Exp 9/30/2024         |
|                                     | Ronnie Robinson, P.E.   | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 24040<br>Exp. 3/31/2024        |
| 4.                                  | Ralph Burgess, PLS  | CD&C             | PLS                                      | Louisiana        | PLS, LA 5040<br>Exp 9/30/2024           |
|                                     | Chris Ballard, PLS  | CD&C             | PLS                                      | Louisiana        | PLS, LA 5033<br>Exp. 9/30/2024          |
| 5.                                  | Herbert "Bert" Moore, II, P.E., PLS, PTOE   | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 31065<br>Exp. 9/30/2023        |
|                                     |   |                  | PLS                                      | Louisiana        | PLS LA 5043<br>Exp. 9/30/2023           |
|                                     |   |                  | PTOE                                     | International    | PTOE 2728<br>Exp. 9/30/2024             |
|                                     | Rebecca Murray, P.E., PTOE, RSP1  | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 43788<br>Exp. 3/31/2024        |
|                                     |   |                  | PTOE                                     | International    | PTOE 4861<br>Exp. 3/26/2023             |
|                                     |   |                  | RSP1                                     | International    | RSP1 611<br>Exp. 4/5/2024               |
|                                     | Tait Karlson, P.E., PTOE  | Gresham Smith    | P.E. (Civil)                             | Louisiana        | P.E., LA 40438<br>Exp. 9/30/2024        |
|                                     |   |                  | PTOE                                     | International    | PTOE 3091<br>Exp. 3/26/2023             |



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

**Year registered** 2004(PE); 2009(PTOE); 2010(PLS) **Discipline** P.E./Civil, PLS, PTOE

**Contract role(s) / brief description of responsibilities** Project Executive / Bert will provide overall contract management and direction for our team and lead 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.

**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.   |
| 06/19 – Ongoing                    | <b>LADOTD, Complex Bridge Inspections, Task Orders 1, 3, and 4, Statewide LA   Project Executive.</b> 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                      | <b>LADOTD, US 90 Bridge Maintenance over I-10 Ramps, Transportation Management Plan (TMP), Lake Charles, LA   Project Executive.</b> Gresham Smith was selected to develop a TMP for the replacement of the bridge deck of the US 90 overpass over I-10 in Lake Charles, LA. The project included working with the design engineers to determine the required lane closures for the construction, data collection and queue and safety analyses. Bert was responsible for the overall study including overseeing the data collection review, conducting the queue and safety analysis, implementing the proper traffic control plans and development of the TMP report.  |
| 05/17 – 03/19                      | <b>LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   Project Executive.</b> Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, lead the Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Bert was responsible for the overall study, overseeing data collection, conducting safety analysis, development of VISSIM models, development of alternatives and the report. |
| 04/20 – 09/20                      | <b>LADOTD, Complex Bridge Inspections, Statewide, LA   Task Order 2 - Emergency Bridge Repairs, US 71 in Downtown Shreveport, LA   Project Executive.</b> In April 2020, a train derailment damaged Bent 3 of the Spring Street Bridge forcing the roadway closure. Gresham Smith was selected to perform the bridge repairs to open the bridge. Working with the selected contractor, helical piles were designed to support the new column foundations and crash wall. Bert served as Project Executive (Principal) and assisted with DOTD coordination.   |
| 11/08 – 11/14                      | <b>LADOTD, Baton Rouge, LA   District Traffic Operations Engineer.</b> While at LADOTD, Bert was responsible for reviewing, approving and developing plans for all signing, stripping and traffic signals as well as plans for all construction and maintenance work on the state highway system within District 61. Bert was also responsible for Transportation Management Plans (TMPs) for construction and maintenance activities.   |
| Certifications<br>(See section 20) | <ul style="list-style-type: none"> <li>• DOTD Traffic Engineering Analysis Process &amp; Report – Modules 1, 2 and 3</li> <li>• U.S. Department of Transportation Federal Highway Administration – DPFA Certification</li> <li>• LADOTD – Highway Safety Manual Workshop NCHRP 17-38</li> <li>• Louisiana Local Technical Assistance Program – Regional Crash Data Workshop</li> <li>• American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific</li> </ul>  |



\*Icon represents key project highlighted in Section 17.



## 16. Staff Experience:

Gresham Smith



**Richard Savoie, P.E.**

Project Manager

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 / 1978 / Civil Engineering, McNeese State University

Active registration number /  
state / expiration date

P.E.0020936 / LA / 9/30/24

Year registered

1983  
(LA)

Discipline

P.E./Civil

Contract role(s) / brief description of  
responsibilities

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



**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.



08/17 – 12/20

**LADOTD, SRTS/LRSP Task Order 6 and 21: Endom Bridge Preliminary and Final Design, West Monroe, LA | Lead Roadway Design Engineer.** Brennon led the design and the preparation of preliminary and final plans and cost estimates. This project involved safety and operations improvements for the intersection realignment, curb and gutter drainage design, sidewalks, truck islands and turnouts.

10/15 – 08/17

**LADOTD, Multilane Roundabout LA 22 at LA 70 and LA 22 Geometric Improvements near I-10, Ascension Parish, LA | Lead Roadway Design.** This was a widening and intersection improvement project located at the intersection of LA 22 and LA 70 in Ascension Parish to north of I-10. This project included widening of LA 22, a double lane roundabout at LA 22 and LA 70 with a slip lane, along with two J-Turns north of I-10 and two J-Turns south of I-10 along LA 22. Brennon's role was to lead the design and the preparation of preliminary and final plans and cost estimates. He developed these plans from initial survey request up to 60% final plans.

09/11 – 07/17

**LADOTD Roadway Group. | Project Engineer.** Prior to joining Gresham Smith, Brennon served with the LADOTD Roadway Group as a designer on various roadway projects including a new roundabout, widening projects, overlay projects, and intersection improvements.

Certifications  
(See section 20)

- 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



**Shawn Reese, P.E.**  
QA/QC Technical Assistance

|  |   |  |            |            |
|--|---|--|------------|------------|
|  <div><b>Shawn Reese, P.E.</b><br/>QA/QC Technical Assistance</div> |   | 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   | <b>Sandy Springs, Hammond Drive Corridor Design, Sandy Springs, GA   <i>Project Manager</i>.</b> 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  | <b>Cobb County DOT, McCollum Parkway at Big Shanty/Ben King Road, Marietta, GA   <i>Quality Engineer</i>.</b> 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  | <b>Cobb County DOT, West Sandtown Road Safety &amp; Operational Improvements, Cobb County, GA   <i>Project Manager</i>.</b> 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  | <b>Cherokee County/GDOT, CR 107/Howell Bridge Road, Safety and Operational Improvements, Cherokee County, GA   <i>Project Manager</i>.</b> 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  | <b>GDOT, SR 280 Interchange at I-285, Cobb County, GA   <i>Principal Roadway Engineer</i>.</b> 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  | <b>Northwest Express Roadbuilders, I-75/I-575 Northwest Corridor PPP Design-Build Project, Cobb and Cherokee Counties, GA   <i>Deputy Design Manager, Lead Roadway Engineer, Right of Way Lead</i>.</b> 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**



**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.

07/17 – 06/19

**LADOTD, SRTS/LRSP Task Order 7: McMillan at Blanchard Intersection Improvements Design, West Monroe, LA | Senior Engineer.** Ronnie's responsibilities included conducting field traffic observations and collecting field data for the study portion. For the design portion, his responsibilities included developing conceptual designs, preliminary and final plans and construction cost estimates.

03/16 – 10/17

**LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA | Senior Engineer.** Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around the City of Farmerville on both state and local routes. The project included data collection, safety/crash review, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Ronnie assisted with the development of alternatives and was responsible for developing construction cost estimates for various alternatives.

Career

Ronnie has 33 years of experience with the Louisiana Department of Transportation and Development. He worked 11 of his 16 years in construction as a project engineer, eight years as manager of the design and permit sections and nine years as administrator for the design, water resources, permit and materials testing sections.



## 16. Staff Experience:

Gresham Smith



**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, University of Alabama at Birmingham (UAB)                     |                       |
| Active registration number / state / expiration date   |   | PE.38683 / LA / Exp. 9/30/2024   PE. 24120 / AL / Exp. 12/31/2023   |                       |
| Year registered  |   | 2014 (LA)<br>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).  |   |                       |
|  11/16 – 09/17 | MDOT, SR 302 (Goodman Road) Safety Improvements near the I-55 Interchange, Desoto County, MS   <i>Project Manager</i> . Matt was responsible for the daily planning of the project, creating and editing various CADD files, providing guidance to junior staff team members, coordinating with Traffic and Lighting. Matt also performed Quality control reviews of urban drainage design.   |   |                       |
| 01/14 – 06/17  | MDOT, I-55 from County Line Road to Old Agency Road (Phase A), Madison County, MS   <i>Project Manager</i> . 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   <i>Transportation Engineer</i> . 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   <i>Transportation Engineer</i> . 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   <i>Project Engineer/Project Manager</i> . 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   <i>Transportation Engineer</i> . Matt was responsible oversight of design.   |   |                       |





## 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



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

|  |  |  |  |                        |
|--|--|--|--|------------------------|
|  | Rebecca Murray, P.E., PTOE, RSP1<br>Lead Traffic Engineer  |  | Years of experience with this employer     | 6                      |
|  |  |  | Years of experience with other employer(s) | 0                      |
| Degree(s) / Years / Specialization   |  | Bachelor of Science / 2015 / Civil Engineering, Louisiana State University   |  |                        |
| Active registration number / state / expiration date                             |  | P.E.0043788 / LA / Exp. 3/31/24   PTOE 4861 / Exp. 3/26/23   RSP1 611 / Exp. 4/5/24  |  |                        |
| Year registered  |  | 2019 (LA)<br>2020 (PTOE)<br>2021 (RSP1)  | Discipline                                 | P.E./Civil; PTOE; RSP1 |
| Contract role(s) / brief description of responsibilities                         |  | Traffic Engineer / Rebecca will support the team with the traffic engineering study update and traffic signal plan development |  |                        |
| Experience dates (mm/yy–mm/yy)   | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).   |  |  |                        |
| 10/16 – 03/17  | LADOTD, SRTS/LRSP Task Order 2: McMillan Street Traffic Study, Monroe, LA   <i>Pre-Professional</i> . Rebecca’s role on the project was to review and analyze traffic count data, distribute trips throughout the study area, evaluate crash data and analyze proposed improvement alternatives.   |  |  |                        |
| 05/21 – Ongoing  | MovEBR, Sherwood Forest Blvd MUP, C-P Project No. 20-EN-HC-0027, Baton Rouge, LA   <i>Engineer</i> . Gresham Smith was selected to perform a traffic study and design of the pedestrian signal accommodations and crosswalks along Sherwood Forest Boulevard between South Harrell’s Ferry Road and Old Hammond Highway in support of the Sherwood Forest Boulevard Multi-Use Path design project. Design plans will be developed to add pedestrian signals to the existing traffic signals with the goal of upgrading existing intersections up to current ADA requirements for pedestrians.  |  |  |                        |
| 10/28 – Ongoing  | LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA   <i>Traffic Engineer</i> . Gresham Smith was selected to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of 190 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel studies. Rebecca is responsible for coordinating field data collection, travel time studies and developing design of traffic signals. |  |  |                        |
| 05/17 – 03/19  | LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA   <i>Pre-Professional</i> . Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives and development of the report.  |  |  |                        |
| 10/17 – 04/18  | LADOTD, I-10 at US 90 Lockmoor Bridge Transportation Management Plan (TMP), H.013076.5-1, Lake Charles, LA   <i>Pre-Professional</i> . LADOTD oversaw the design of planned bridge maintenance of the US 90 bridge that operates as an on ramp to I-10 Eastbound. This bridge crosses over mainline I-10 for both the Eastbound and Westbound directions as well as the Westbound Off Ramp and Eastbound On Ramp to/from PPG drive. We are developing the TMP to identify the challenges and strategies to address these challenges in order to minimize the traffic delays associated with the lane closures, demand volumes and incidents within the construction limits. Rebecca assisted with the traffic and crash analysis and the TMP documentation.                    |  |  |                        |



## 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 Orders 3, 4, and 5 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. Payton worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LA DOTD’s traffic control standards.

03/21 – 04/21

**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:

Gresham Smith



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

Years of experience with this employer 10

Years of experience with other employer(s) 6

### Degree(s) / Years / Specialization

Master of Engineering / 2005 / Transportation Engineering, University of Florida  
Bachelor of Science / 2001 / University of Florida

### Active registration number / state / expiration date

PE.0040438 / LA / Exp. 9/30/24 | PTOE 2213 / Exp. 7/30/23

### Year registered

2016 (LA)  
2011 (PTOE)

### Discipline

P.E./Civil; PTOE

### Contract role(s) / brief description of responsibilities

Senior Transportation Engineer / Tait will support the traffic design and analysis portions of the contract.

### Experience dates (mm/yy–mm/yy)

Experience and qualifications relevant to the proposed contract; *i.e.*, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).



02/17 – 12/20

**LADOTD, SRTS/LRSP Task Order 6: Endom Bridge Preliminary and Final Design, West Monroe, LA | QA/QC.** Tait assisted with the development of the final report and performed QA/QC review.



11/16 – 09/17

**MDOT, SR 302 (Goodman Road) Safety Improvements near the I-55 Interchange, Desoto County, MS | QA/QC.** Tait assisted with the development of the final report and performed QA/QC review.

02/16 – 10/19

**LADOTD, SRTS/LRSP Task Order 2: McMillan Road Intersection Traffic Study, West Monroe, LA | QA/QC.** Tait assisted with the development of the final report and performed QA/QC review.

05/18 – 12/21

**LADOTD, LA 37: Sullivan Road to Liberty Road Stage 0 Feasibility Study, Baton Rouge, LA | QA/QC.** Gresham Smith collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety tool box. Traffic analysis was performed using mainly HCS and Synchro and other software tools as needed. Gresham Smith reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analyses to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed. Tait assisted with the development of the final report and performed QA/QC review.

05/17 – 03/19

**LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA | QA/QC.** Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, conduct a Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Tait assisted with the development of the final report and performed the QA/QC reviews.

### Certifications (See section 20)

- DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2, and 3





## 16. Staff Experience:

Gresham Smith



**Zillah Zoleta, E.I.**

Engineer Intern

Years of experience with this employer

<1

Years of experience with other employer(s)

0

**Degree(s) / Years / Specialization**

Bachelor of Science / Civil Engineering / Louisiana State University

**Active registration number / state / expiration date**

EI. 0035238 / LA / 3/31/2023

**Year registered**

2022

**Discipline**

Civil

**Contract role(s) / brief description of responsibilities**

Engineer Intern / Zillah will support the Roadway team.

**Experience dates (mm/yy–mm/yy)**

**Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).**

05/21 – Ongoing

**MOVEBR, Nicholson Drive Segment 2 | Engineer Intern.** Gresham Smith is performing a traffic study for capacity improvements along Nicholson Drive in Baton Rouge, LA. The project includes data collection, safety analysis, and existing and future analysis. Zillah assisted the design engineer with the safety analysis by reviewing crashes and using spreadsheets to track crash trends. She also created collision diagrams using Microstation.

05/21 – Ongoing

**MOVEBR, Sherwood Forest Boulevard Multi-Use Path | Engineer Intern.** Gresham Smith is performing a traffic study for pedestrian improvements along Sherwood Forest Boulevard in Baton Rouge, LA. The project includes data collection, safety analysis, and existing and future analysis. Zillah assisted the design engineer with the safety analysis by reviewing crashes and using spreadsheets to track crash trends. She also created collision diagrams using Microstation.

05/21 – Ongoing

**LADOTD, FOMM-Lafayette/US 190/Alexandria | Engineer Intern.** In support of GIS services, Gresham Smith was selected by LADOTD to assist inputting field data into the ITS Field Asset Management System. Tasks include collecting data from LADOTD’s fiber and communications system and field site equipment; recording data into the system; and mapping of the fiber system. Zillah has assisted on this project by inputting data into the NexusWorx system and performing QA/QC on the data collected in the field.

06/21– Ongoing

**LADOTD, Complex Bridge Inspections Task Orders 3, 4, 5 and 6, Statewide, LA | Engineer Intern.** Zillah assisted in the development of the traffic control plans for various bridge inspection projects. The traffic control plans included single lane closures with alternating traffic with flaggers for projects in urbanized areas. Zillah worked closely with the bridge inspection team to develop the parameters for the lane closures to ensure that adequate protection was provided to the field inspection team while meeting requirements from LA DOTD’s traffic control standards.

06/21 – Ongoing

**EBR DTD, MoveBR-Plank Road Corridor Enhancement, Baton Rouge, LA | Engineer Intern.** This project is a design study along a portion of the Plank Road corridor between Dawson Drive and Harding Blvd. Zillah’s responsibilities include assisting the design engineer with the development of Typical Sections and Plan and Profile Sheets. She is also responsible for addressing general markups in MicroStation.



## 16. Staff Experience:

Gresham Smith



**John Weres, P.E.**  
Senior Bridge Engineer

Years of experience with this employer

4

Years of experience with other employer(s)

37

**Degree(s) / Years / Specialization**

Bachelor of Science / 1980 / Civil Engineering, University of Pittsburgh

**Active registration number / state / expiration date**

PE.0036429 / LA / Exp. 9/30/2023

**Year registered**

2011 (LA) 1985 (PA)

**Discipline**

P.E./Civil

**Contract role(s) / brief description of responsibilities**

Lead Bridge Engineer. John will lead bridge design and provide quality control and coordination of the bridge design 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).**

11/17 – 06/20

**MDOT, MS-178 Benton County Bridges, Benton County, MS | Lead Structure Engineer.** John served as the Lead Design Engineer for the final design of a 2-cell box culvert and two prestressed concrete girder structures in northern Mississippi. These water crossings improved the hydraulic conditions at the sites and incorporated low-maintenance details such as jointless bridges.

07/18 – 06/21

**MDOT, SR 149 Simpson County Bridge Replacements, MS | Lead Structure Engineer.** Gresham Smith is partnering with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D’Lo, Simpson County, Mississippi. Gresham Smith is designing the two longer structures (Bridge 128.2 and Bridge 128.6). This is the first instance of partial depth deck panels utilized for MDOT as a pilot to verify the ease of construction and as an accelerated (ABC) time condition.

04/15 – 03/17

**LADOTD, I-49 Lafayette Connector, Lafayette, LA | Deputy Lead Structural Design Engineer.** Served as Deputy Lead Structural Design Engineer for the concept design for a 4-mile long elevated structure through an urban area. Structure concepts included post-tensioned concrete U-girders, span-by-span segmental boxes, and steel trapezoidal boxes. John coordinated the efforts of the individual design teams for each structure type and served as the public coordination lead for the structures as part of an overall community involvement plan on developing the proposed structure type for this \$800M project.

06/15 – 03/17

**LADOTD, State Project No. H.004367.5 – Earhart Expressway Connector, Metairie, LA | Deputy Project Manager, Lead Structures Engineer.** Preliminary and final design for a 7,000-foot urban expressway structure as part of the Earhart Expressway to Airline Highway Connector project. Preliminary design activities included survey, SUE, development of design criteria, development of bridge typical sections and development of proposed span arrangements and coordination with CN Railroad for the placement of bridge piers within the railroad right-of-way.


2015 – 2016

**North Carolina Department of Transportation, Division 9 Group J Bridge Replacements, Various, NC | Lead Structure Engineer.** John served as lead structure engineer for the replacement of six stream crossing structures utilizing NCDOT Low Impact Bridge Replacement guidelines for Sub-Regional Tier structures. Plan development for final design includes one, two, and three-span structures utilizing standard cored-slab design plans. Span arrangement development required coordination with hydrology evaluation and environmental agency oversight. Foundation details include both drilled shafts and driven steel piles.





**16. Staff Experience:**

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

|   |  |   |  |                            |    |
|---|--|---|--|----------------------------|----|
| <b>Ralph Burgess, PLS</b>   |  |   | <b>Years of experience with this employer</b>  |                            | 11 |
| Topographic Survey  |  |   | <b>Years of experience with other employer(s)</b>  |                            | 12 |
| <b>Degree(s) / Years / Specialization</b>   |  | BS Industrial Design & Supervision 2004 / Southeastern LA University  |  |                            |    |
| <b>Active registration number / state / expiration date</b>                                   |  | PLS 5040 / Louisiana / 09/30/24   |  |                            |    |
| <b>Year registered</b>  |  | 2010  | <b>Discipline</b>  | Professional Land Surveyor |    |
| <b>Contract role(s) / brief description of responsibilities</b>                               |  |   | Ralph will serve as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. 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. |                            |    |
| <b>Experience dates (mm/yy–mm/yy)</b>   |  | <b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).</b>   |  |                            |    |
| 07/20 – 04/21   |  | <b>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</b> Ralph was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.  |  |                            |    |
|  01/18-01/20 |  | <b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> 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   |  | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.  |  |                            |    |
| 01/16-08/16   |  | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.  |  |                            |    |





|  |              |  |
|--|--------------|--|
|   | 10/15-12/18  | <b>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals  |
|  | 08/16-12/17  | <b>H.011235 I-49 South at Verot School Road, Lafayette, LA:</b> Ralph served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.                     |
|  | 07//14-10/15 | <b>H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:</b> Ralph served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area. |
|  | 04/17-07/17  | <b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> 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  | <b>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</b> 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  | <b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> 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  | <b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> 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  | <b>H.010620 I-49 Design Build:</b> 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 / 09/30/24

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  | <b>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA</b> Chris served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review 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, <b>3D Terrestrial Scanning</b> was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks. |
| 09/17 – 12/17  | <b>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA</b> Chris served as a Survey Project Manager for this project which included 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 <b>3D Terrestrial Scanning</b> .   |
|  10/15 – 12/18 | <b>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA</b> Chris served as the Survey Project Manager on this project which is a 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  | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA</b> Chris served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included <b>processing</b> of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized <b>3D Terrestrial Scanning</b> for the main route.  |
| 10/15 – 01/16  | <b>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA</b> Chris served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.   |
| 06/11 – 09/13  | <b>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA</b> Chris worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.   |
| 07/17 – 12/18  | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA</b> Chris served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with <b>3D terrestrial scanning</b> .   |



## 16. Staff Experience:

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

|  |  |  |   |     |    |
|--|--|--|---|-----|----|
| <b>Philip Dupree</b><br>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  | <b>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</b> Philip served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data. |
| 05/13-07/13    | <b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> Philip served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.  |
| 10/14-12/14    | <b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.   |
| 02/14-03/17    | <b>H.010620 I-49 Design Build:</b> Philip served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Philip also was the lead Party Chief for the property surveys on this project.   |
| Certifications | <ul style="list-style-type: none"> <li>• NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 / Nationwide/ 06/30/2019; ATSSA Certified as Registered Flagger / 07/12/2021</li> <li>• ATSSA Certified Traffic Control Tech &amp; Traffic Control Supervisor / 07/12/2021</li> </ul>  |





## 16. Staff Experience:




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

|  |                 |  |  |     |   |
|--|-----------------|--|--|-----|---|
| <b>Trent Norris</b><br>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 | <b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> 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   | <b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> 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   | <b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> 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   | <b>H.011235 I-49 Verot School Road, Lafayette, LA:</b> 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   | <b>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</b> 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   | <b>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</b> 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   | <b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> 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   |                 | <ul style="list-style-type: none"><li>NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963</li><li>ATSSA Traffic Control Supervisor, Technician &amp; Flagger   02/28/2021</li></ul>  |  |     |   |



## 16. Staff Experience:

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

|  |               |  |  |     |   |
|--|---------------|--|--|-----|---|
| <b>Jason Stoehr</b><br>Survey Party Chief  |               |  | Years of experience with this employer   |     | 5 |
|  |               |  | Years of experience with other employer(s)   |     | 0 |
| Degree(s) / Years / Specialization   |               | N/A  |  |     |   |
| Active registration number / state / expiration date                               |               | ATSSA Traffic Control Technician, Flagger  |  |     |   |
| Year registered  |               | N/A  | Discipline   | N/A |   |
| Contract role(s) / brief description of responsibilities                           |               |  | Jason 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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).   |  |     |   |
| 07/20 – 04/21  |               | <b><u>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:</u></b> Jason was a Party Chief on 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.                                  |  |     |   |
|    | 01/18-01/20   | <b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Jason served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. |  |     |   |
| 07/17-12/18  |               | <b><u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u></b> Jason served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.   |  |     |   |
|  | 08/16-01/18   | <b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Jason served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.   |  |     |   |
|  | 10/15 – 12/18 | <b><u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u></b> Jason served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.   |  |     |   |
| 10/16 – 11/16  |               | <b><u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u></b> Jason 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   |  |     |   |



## 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)

|  |               |   |  |     |     |
|--|---------------|---|--|-----|-----|
| <b>Jacob Stoehr</b><br>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).  |  |     |     |
|    | 01/18-01/20   | <u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Jacob served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. |  |     |     |
|  | 07/17-12/18   | <u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.   |  |     |     |
|    | 08/16-01/18   | <u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.   |  |     |     |
|  | 05/17-07/17   | <u>H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:</u> 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 | <u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.  |  |     |     |
|  | 10/15 – 12/18 | <u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u> 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 | <u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u> 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:

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

## Alex Wells

Survey Party Chief

|  |  |                         |  |     |     |
|--|--|-------------------------|--|-----|-----|
| <b>Alex Wells</b><br>Survey Party Chief                  |  |                         | Years of experience with this employer   |     | 2.5 |
|  |  |                         | Years of experience with other employer(s)   |     | 0   |
| Degree(s) / Years / Specialization                       |  | N/A                     |  |     |     |
| Active registration number / state / expiration date     |  | ATSSA TCS, TCT, Flagger |  |     |     |
| Year registered  |  | N/A                     | Discipline   | N/A |     |
| Contract role(s) / brief description of responsibilities |  |                         | Alex joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures. |     |     |
| 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 – 10/21  | <u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u> Alex worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.  |                         |  |     |     |
| 07/20 – 10/21  | <u>H.013989 Greybow Rd. Palmetto Creek:</u> Alex worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.  |                         |  |     |     |
| 07/20 – 10/21  | <u>H.013989 Greybow Rd. Palmetto Creek:</u> . Alex worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.  |                         |  |     |     |
| 07/20 – 04/21  | <u>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:</u> Alex was an Instrument Man on this project. CD&C was 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. |                         |  |     |     |
| 02/21 – 05/21  | <u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u> Alex worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.  |                         |  |     |     |
| 10/20 – 01/21  | <u>H014302 US 165 Lighting, Monroe, LA:</u> Alex was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.  |                         |  |     |     |



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

Utility Coordinator

**Years of experience with this employer**

1

**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**

Clarence has 30 years of experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department. The following is a list of companies and job roles.

**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).**

*Previous Experience***Byers Engineering**

Damage prevention tech, responsible for accurately locating multiple clients underground plant which was, AT&T (Bell South), Entergy Elec, Cox Communications, several companies that owned fiber loops in the greater Baton Rouge area, Eatel, and Koche Gateway Pipeline are just some of the companies he was responsible for locating their underground facilities.

*Previous Experience***BHA Engineering**

Damage prevention tech (Underground Locator) contracted to Demco Electric to locate their underground facilities.

*Previous Experience***Wave Tech Geophysical Engineering**

Conducted SUE work, vacuum excavation, ground penetrating radar, road pavement GPR, leak detection, researching utility prints, and conducting locates on military facilities and airports.

*Previous Experience***Bron Construction**

Assisted in maintenance, and new construction of Entergy Electric underground and some overhead lines.

*Previous Experience***UtiliQuest LLC**

Supervisor, Damage Investigator, State Claims Manager, and Operations Manager. Also, took part in negation of contracts.

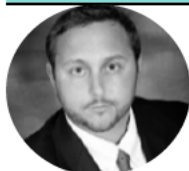
*Previous Experience***Fibore**

Filled in as supervisor for burying Charter Communication service drop crews, installation of main and service drops with directional boring rig, assisted in settling property damage claims, and assisted in pointy of contact with Charter Construction personal.



## 16. Staff Experience:

### Crescent Engineering and Mapping



**Dennis Hymel, Jr., P.E.**


Engineering Manager

Years of experience with this employer

1

Years of experience with other employer(s)

17

|  |  |   |            |
|--|--|---|------------|
| Degree(s) / Years / Specialization   |  | Bachelor of Science / 2009 / Civil Engineering                                      |            |
| Active registration number / state / expiration date   |  | P.E. 38172 / LA / 09/30/2023  |            |
| Year registered  | 2013   | Discipline  | P.E./Civil |
| Contract role(s) / brief description of responsibilities   |  | Dennis will assist with topo survey Quality Control, Roadway Design and Hydraulics. |            |
| Experience dates (mm/yy–mm/yy)   | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).   |   |            |
| 05/20 – 08/21<br>(previous employer)   | Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD) – Project Manager/Engineer of Record. Performed QC review of topographic surveys, served as the EOR for roadway, geometrics, and bridge design elements including hydraulics analysis, scour, horizontal/vertical alignments, Level 1/2 TMP's, bridge design & LRFR (non-standard structures) including RC Slab Span and LG-25 girders, oversight of geotechnical services and environmental, SOV's, CE document preparation and permit applications for the spot replacement of 47 bridge structures in northern Louisiana containing Eight (8) Off-System Bridges. |   |            |
| 03/14 – 08/21<br>(previous employer)   | SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Project Manager/Engineer of Record. Performed QC review of 5.5 miles of topographic surveys, Lead design engineer for roadway design including hydraulics, roadway H&V geometrics, intersection design, R-CUT intersections, Traffic Management Plans and oversaw plan production, performed design QA/QC of five-span, AASHTO Type III girder bridge for the new 5.5-mile, four-lane rural roadway from LA 435 to Bush.  |   |            |
|  03/22 – Ongoing | Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Project Manager/Lead Engineer. Responsible for QC and review of over 1 mile of topographic surveys, all roadway horizontal/vertical alignments, roadway and bridge hydraulic analysis, retaining wall design, LRFD bridge design, oversight of plan preparation, geotechnical and environmental services for the replacement of four (4) Off-System Bridge replacements with RC Slab Span sites throughout Tangipahoa Parish on E. Lewiston Rd., Easley and Old Genessee Rd.   |   |            |
| 05/15 – 03/18<br>(previous employer)   | SP H.011788, Oak St. Bridge/Poydras Bayou, West Baton Rouge Parish, LA (LADOTD) – Project Manager & Engineer of Record. Responsible for topographic surveys, roadway and bridge design, special LRFD bent and span design to accommodate hydraulic conditions, 25' slab spans, LRFR, hydraulic analyses, steel bulkhead design and detailing, preliminary and final plans for the 3-span Off-System Bridge replacement.  |   |            |



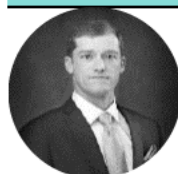


|                                      |   |
|--------------------------------------|---|
| 12/21 – 04/22                        | <b>PP NO. 065, Magnolia Interior Drainage Improvements, St. James Parish, LA (St. James Parish Government)</b> – Survey Party Chief/Project Manager. Performed topographic surveys within residential areas along nearly 3 miles of 2-lane roadways for the replacement of drainage systems, utilities, driveways and sidewalks. All survey data collected accordance with LADOTD procedures/codes, processed in Microstation/Inroads. Survey of above-ground utility features, open ditch areas and areas within the R/W for relocation of drainage, utilities, sidewalks and driveways. |
| 03/15 – 01/17<br>(previous employer) | <b>S.P. H.011767, Bayou Crab Road Bridge, Assumption Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record – Responsible for all roadway and bridge design including geometrics, bridge TS&L, hydraulics, foundation layout, special bridge spans (25'), LRFR, roadway and bridge plan production for the 3-span Off-System bridge replacement project.  |
| 04/13 – 03/16<br>(previous employer) | <b>S.P. H.010559, Bayou Mercier Road/Berard Canal Bayou, St. Martin Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record – Responsible for topo survey QC, all roadway and bridge design including geometrics, bridge TS&L, SOV's, hydraulics, foundation layout, Quad-Beam Superstructure and Substructure, Bearing design, LRFR, roadway and bridge plan production for the 200' long, 5-span Quad Beam Off-System bridge replacement project near Catahoula, LA.   |
| 03/15 – 08/20<br>(previous employer) | <b>S.P. H.010867, Jude &amp; Placide Road Bridges, Vermilion Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record – Responsible for all topo survey QC, roadway and bridge design including geometrics, bridge TS&L, hydraulics, SOV's, foundation layout, special guard rails, special bridge spans and bents (25'), LRFR, roadway and bridge plan production for the replacement of two (2) Off-System Bridges, 1 @ 50'; 1 @ 60' near Erath and Maurice, LA.  |
| 03/13 – 03/15<br>(previous employer) | <b>S.P. H.010598, Derrick Road Bridge, Iberville Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record – Responsible for QC of topo surveys, all roadway and bridge design including geometrics, bridge TS&L, SOV's, hydraulics, foundation layout, special bridge bents, LRFR, roadway and bridge plan production for the 3-span Off-System bridge replacement project.   |
| 03/13 – 03/18<br>(previous employer) | <b>S.P. H.011524, Katie Ln. &amp; Leo Morrow Rd. Bridges, Avoyelles Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record – Responsible for QC of topo surveys, all roadway and bridge design including geometrics, bridge TS&L, SOV's, hydraulics, foundation layout, special bridge bents & spans, LRFR, roadway and bridge plan production for the replacement of two (2) Off-System Bridges near Plaquemine, LA.   |
| 09/16 – 08/21<br>(previous employer) | <b>SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record. Responsible for all roadway design including H&V geometrics and drainage, prepared Level 4 TMP and construction phasing plans; Quality Control & bridge design engineer for the widening of Pontchatolawa Creek and Tammany Trace bridges including AASHTO Type III prestressed girders with varying skewed, bobtail spans and LRFR. Performed Construction Support Services. Design completed under an accelerated project schedule.                      |
| 01/12 – 08/15<br>(previous employer) | <b>S.P. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD)</b> – Staff Engineer. Performed roadway and bridge design including special 23' spans for the three-lane, 210' long Off-System Bridge over Bayou Lafourche, LRFR of special bents and spans, prepared bridge plans and details.   |



## 16. Staff Experience:

### Crescent Engineering and Mapping



**Matthew Ledet, P.L.S.**

Survey Manager

Years of experience with this employer

1

Years of experience with other employer(s)

17

**Degree(s) / Years / Specialization**

Bachelor of Science / 1982 / Civil Engineering

**Active registration number / state / expiration date**

P.E.22428 / LA / 03/31/2024

**Year registered**

1986

**Discipline**

P.E./Civil

**Contract role(s) / brief description of responsibilities**

Lead Surveyor/Surveyor of Record / Matt will lead the survey effort and serve as the Surveyor of Record. His 17 years' of experience meets MPR # 4.

**Experience dates  
(mm/yy–mm/yy)**

**Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).**

05/20 – 12/21  
(previous employer)

**Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD) – Lead Surveyor/Surveyor of Record.** Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation, property surveys and Right of Way Mapping for the replacement of 47 bridge structures in northern Louisiana containing eight (8) Off-System Bridges.

08/15 – 08/18  
(Previous employer)

**SP No. H.011540, Babin Road Bridge/Bayou Narcisse, Ascension Parish, LA (LADOTD) – Lead Surveyor/Surveyor of Record.** Responsible for topographic surveys, crew coordination, oversight of data processing, LiDAR processing for surface generation and use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base, and final right of way maps for the Off-System Bridge replacement project.

11/13 – 05/14  
(previous employer)

**SP H.010557, Lajaunie Road/Lateral 1 Bridge over Bayou St. Clair, Lafayette Parish, LA (LADOTD) – Lead Surveyor/Surveyor of Record.** Responsible for topographic surveys, crew coordination, oversight of data processing, LiDAR processing, existing drainage maps, deliverable preparation, title take off, property surveys, prepared base, and final right of way maps for the Off-System Bridge replacement project.

03/22 – 07/22

**Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Lead/Surveyor of Record.** Responsible for topographic surveys, crew coordination, data processing, LiDAR processing for surface generation and use in existing drainage maps for the replacement of four (4) Off-System Bridge replacements with RC Slab Span sites throughout Tangipahoa Parish.

04/14 – 12/18  
(previous employer)

**SP No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Surveyor of Record.** Led survey, data processing and oversight of field crew coordination for the topographic surveys of 5.5 miles of virgin, wooded terrain with a 300' wide .DTM, SUE locates and property surveys. Prepared base and final right of way maps including 101 parcels for the 5.5-mile, four-lane roadway from Talisheek to Bush, LA.

07/21 – 12/21  
(previous employer)

**Contract 44-19336 – Rural Bridge Replacement Initiative Phase II (40 bridge structures), Districts 04 & 05, (LADOTD) – Lead Surveyor/Surveyor of Record.** Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation for the replacement of 40 bridge structures in northern Louisiana.



|                                      |  |
|--------------------------------------|--|
| 04/16 – 08/21<br>(previous employer) | <b>SP No. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD) –</b> Surveyor of Record, Lead Surveyor. Led topographic survey effort for the 2.7 mile rural safety widening project including control establishment, topographic surveys, and property surveys. Performed field reconnaissance, prepared survey field crew packs, processed data and prepared deliverables. Prepared base and Final Right of Way Maps including 9 parcels. |
| 03/10 – 10/10<br>(previous employer) | <b>SP 713-04-0002, LA 400 Bridge over Cancienne Canal, Assumption Parish, LA (LADOTD) –</b> Survey Support. Performed field topographic surveys, processed data and prepared topographic survey deliverables on field roll for the eight (8) span Off-System Bridge replacement project in Thibodaux, LA.  |
| 06/18 – 10/18<br>(previous employer) | <b>S.P. H.013080, McLemore Road/Bee Bayou, Richland Parish, LA (LADOTD) –</b> Lead Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation for the 6-span Off-System bridge replacement near Rayville, LA.  |
| 04/13 – 08/13<br>(previous employer) | <b>S.P. H.010559, Bayou Mercier Road/Berard Canal Bayou, St. Martin Parish, LA (LADOTD) –</b> Lead Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation for the 200' long, 5-span Quad Beam Off-System bridge replacement project near Catahoula, LA.  |
| 06/15 – 08/15<br>(previous employer) | <b>S.P. H.011806, Gracie Lane Bridge, Iberville Parish, LA (LADOTD) –</b> Lead Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, topographic survey deliverable preparation for the 7-span Off-System bridge replacement project near Bayou Sorrel, LA.   |
| 02/18 – 12/18 (previous employer)    | <b>ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government) –</b> Lead Project Surveyor. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, title research reports, property surveys, prepared base right of way maps including 12 parcels for the 6.8-mile roadway extension project including several Off and On-System Bridges.                              |
| 02/11 – 01/13<br>(previous employer) | <b>SP No. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD) –</b> Survey Support. Performed field topographic and property surveys, prepared topographic survey deliverables, prepared base, and final right of way maps for the urban, 3-lane Off-System Bridge replacement project in Thibodaux, LA.   |
| 09/04 – 06/07<br>(previous employer) | <b>SP No. 742-55-0102, Country Drive Widening, Terrebonne Parish, LA (LADOTD) –</b> Survey Support. Assisted with calculating 107 parcels on base and final right-of-way maps; performing topographic survey; boundary survey for 2.7 miles roadway widening project.  |
| 04/05 – 03/07<br>(previous employer) | <b>SP 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD) –</b> Survey Support. Assisted with calculating 35 parcels on base and final right-of-way maps, performed topographic survey; boundary survey for two-mile, four-lane UA-2 roadway widening project.  |



## 16. Staff Experience:

### Crescent Engineering and Mapping



**Kelly Jones**

Sr. Technician

Years of experience with this employer

<1

Years of experience with other employer(s)

3

|  |   |   |     |
|--|---|---|-----|
| Degree(s) / Years / Specialization                       | Bachelor of Arts / 2012 / Mathematics & English   |   |     |
| Active registration number / state / expiration date     | N/A   |   |     |
| Year registered  | N/A   | Discipline  | N/A |
| Contract role(s) / brief description of responsibilities |   | Sr. Survey Technician / Kelly will assist with the preparation of topographic surveys |     |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).  |   |     |
| 07/22 – Ongoing  | 22-084, Rousseau Rd. Bridge/Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) – Project Technician. Performed topo survey data processing, post-processing and topo survey deliverable preparation, prepared GPS control sketches, control reports, LADOTD survey forms, calculated level loop closure and prepared 3D & 2D .DGN files, .DTM surfaces, .ALG files and all other survey deliverables in accordance with LADOTD procedures.        |   |     |
| 03/22 – 07/22  | Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish (Tangipahoa Parish Government) – Project Technician. Performed topo survey data processing, post-processing and topo survey deliverable preparation, prepared GPS control sketches, control reports, LADOTD survey forms, calculated level loop closure and prepared 3D & 2D .DGN files, .DTM surfaces, .ALG files and all other survey deliverables in accordance with LADOTD procedures. |   |     |
| 05/22 – 08/22  | 22-01, Roadway Rehabilitation Program, St. James Parish, LA (St. James Parish Government) - Project Technician. Performed topo survey data processing, post-processing and topo survey deliverable preparation, prepared GPS control sketches, control reports, LADOTD survey forms, calculated level loop closure and prepared 3D & 2D .DGN files, .DTM surfaces, .ALG files and all other survey deliverables in accordance with LADOTD procedures.                   |   |     |
| 01/22 – 03/22 (previous employer)                        | SP No. H.014238, LA 818: Barnet Springs & Creek Bridges, Lincoln Parish (LADOTD) - Project Technician. Assisted with the preparation of roadway and bridge plans including typical sections, plan/profiles, detail sheets, summary of estimated quantities, title sheet for the replacement of two (2) on-system bridges in Lincoln Parish.   |   |     |
| 12/21 – 03/22 (previous employer)                        | SP No. H.014218, LA 2A: Thorny Branch & Indian Creek BRs, Webster Parish (LADOTD) - Project Technician. Assisted with the preparation of roadway plans including typical sections, plan/profiles, detail sheets, summary of estimated quantities, title sheet for the replacement of two (2) on-system bridge replacements in Webster Parish.   |   |     |





**17. Firm Experience:****Gresham Smith****Past Performance Evaluation Discipline(s)\*** | Road**Hooper Road at Sullivan Road Roundabout Design****Firm responsibility (prime or sub?)**

Sub

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

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

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

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

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

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, Ronnie Robinson, and Rebecca Murray.



## 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.)

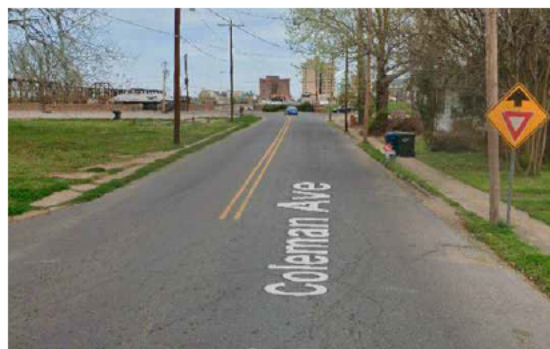
As part of LADOTD's Local Road Safety Program (LRSP) retainer contract, Gresham Smith was tasked to develop operational and safety improvements at the west approach to the Endom Bridge located in West Monroe, Ouachita Parish. After a technical review of this intersection, Gresham Smith was selected to 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.

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

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

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

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



Before



After



#### Project Highlights

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



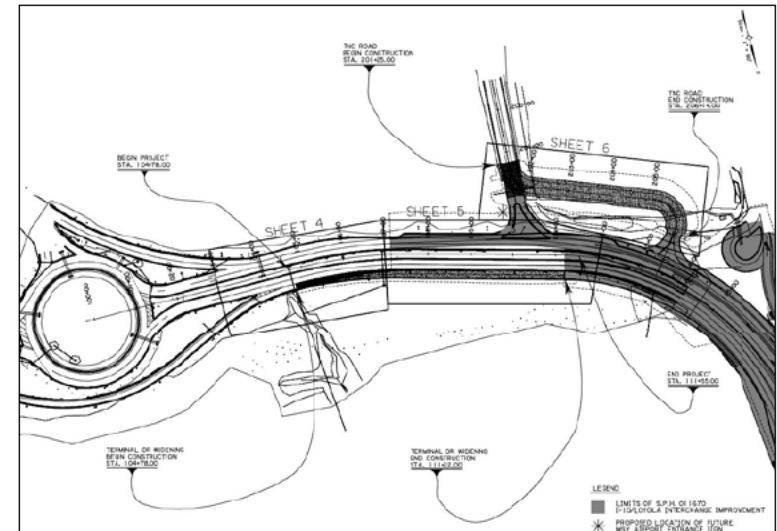
**17. Firm Experience:****Gresham Smith** | Past Performance Evaluation Discipline(s)\* | Road

| 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 to begin construction soon.

**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

|  |  |  |                                |   |
|--|--|--|--------------------------------|---|
| <b>Project number</b>                          | N/A  | <b>Owner's name</b>  | City of Sandy Springs          |   |
| <b>Project location</b>                        | Sandy Springs, GA  |  | <b>Owner's Project Manager</b> | Allen Johnson, P.E., PMP, TSPLOST Program Manager |
| <b>Owner's address, phone, email</b>           | 1 Galambos Way, Sandy Springs, GA 30328 / 770.206.2013 / ajohnson@sandyspringsga.gov |  |                                |   |
| <b>Services commenced by this firm (mm/yy)</b> | 09/18  | <b>Total consultant contract cost (\$1,000's)</b>                    |                                | \$247   |
| <b>Services completed by this firm (mm/yy)</b> | 09/20  | <b>Cost of consultant services provided by this firm (\$1,000's)</b> |                                | \$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:

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

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 doveled slotted curbs in areas where slotted curbs would need to be removed in the ultimate project.

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

**Firm members involved include:** Bert Moore, Tait Karlson, and Matt Williams



SR 302 / I-55 Interchange Concept

### Project Highlights

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



**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

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

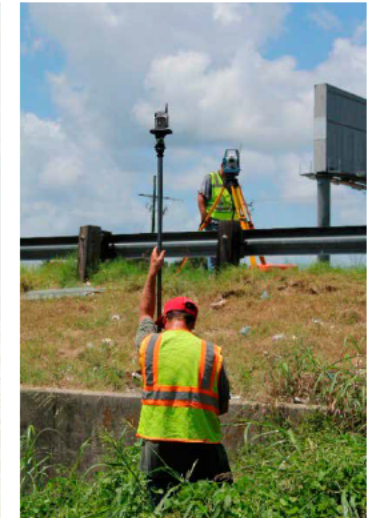
**Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation discipline(s) this project is being used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

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

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

**Members Involved:** 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:**

|  |  |  |  |
|--|--|--|--|
| <b>Civil Design &amp; Construction, Inc.</b>   |  | <b>Past Performance Evaluation Discipline(s)*</b>   Survey           |  |
| <b>I-10: TX State Line East of Coone Gully</b> |  |  | <b>Firm responsibility (prime or sub?)</b>             |
|  |  |  | Sub  |
| <b>Project number</b>                          | H.003284.5   | <b>Owner's name</b>  | Louisiana Department of Transportation and Development |
| <b>Project location</b>                        | Calcasieu, LA  | <b>Owner's Project Manager</b>                                       | Stanley Ard, PLS                                       |
| <b>Owner's address, phone, email</b>           | 1201 Capital Access Rd., Baton Rouge, LA 70802 / 225.379.1292 / stanley.ard@la.gov |  |  |
| <b>Services commenced by this firm (mm/yy)</b> | 10/15  | <b>Total consultant contract cost (\$1,000's)</b>                    | N/A  |
| <b>Services completed by this firm (mm/yy)</b> | 12/18  | <b>Cost of consultant services provided by this firm (\$1,000's)</b> | \$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:**

|  |   |  |  |                   |
|--|---|--|--|-------------------|
| <b>Crescent Engineering &amp; Mapping, LLC</b>   |   | <b>Past Performance Evaluation Discipline(s)*</b>                    |  | Bridge            |
| <b>E. Lewiston Rd. Bridge over Wilson Branch</b> |   |  | <b>Firm responsibility (prime or sub?)</b> | Prime             |
| <b>Project number</b>                            |   | <b>Owner's name</b>  | Tangipahoa Parish Government               |                   |
| <b>Project location</b>                          | Kentwood, LA  |  | <b>Owner's Project Manager</b>             | Misty Evans, P.E. |
| <b>Owner's address, phone, email</b>             | 206 E. Mulberry St., Amite, LA 70422 / 985.244.6880 / mevens@tangipahoa.org |  |  |                   |
| <b>Services commenced by this firm (mm/yy)</b>   | 03/22   | <b>Total consultant contract cost (\$1,000's)</b>                    |  | \$190             |
| <b>Services completed by this firm (mm/yy)</b>   | Ongoing   | <b>Cost of consultant services provided by this firm (\$1,000's)</b> |  | \$131             |

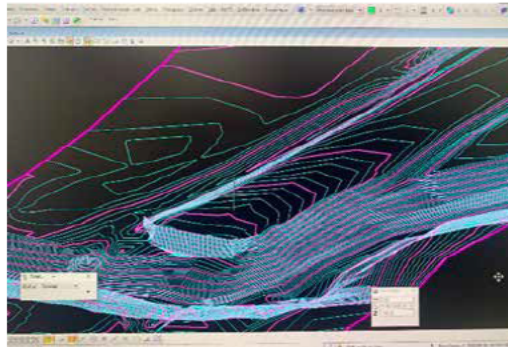
**Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation discipline(s) this project is being used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

The E. Lewiston Rd./Wilson Branch Bridge Replacement project involves the replacement of 4-span structurally deficient timber trestle bridge in Tangipahoa Parish near Kentwood, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey (140' x 1500' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using HEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys and hydraulics report. Preliminary plans are currently underway along with environmental and geotechnical services.

**Firm members involved include:** Dennis M. Hymel Jr., PE, Matthew Ledet, PLS, Kelly Jones



**17. Firm Experience:**

|   |   |  |  |                   |
|---|---|--|--|-------------------|
| <b>Crescent Engineering &amp; Mapping, LLC</b>        |   | <b>Past Performance Evaluation Discipline(s)*</b>                    |  | Bridge            |
| <b>Old Genessee Rd. Bridges over Creeks (2 Sites)</b> |   |  | <b>Firm responsibility (prime or sub?)</b> | Prime             |
| <b>Project number</b>                                 |   | <b>Owner's name</b>  | Tangipahoa Parish Government               |                   |
| <b>Project location</b>                               | Tickfaw, LA   |  | <b>Owner's Project Manager</b>             | Misty Evans, P.E. |
| <b>Owner's address, phone, email</b>                  | 206 E. Mulberry St., Amite, LA 70422 / 985.244.6880 / mevans@tangipahoa.org |  |  |                   |
| <b>Services commenced by this firm (mm/yy)</b>        | 03/22   | <b>Total consultant contract cost (\$1,000's)</b>                    |  | \$296             |
| <b>Services completed by this firm (mm/yy)</b>        | Ongoing   | <b>Cost of consultant services provided by this firm (\$1,000's)</b> |  | \$217             |

**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.**

The Old Genessee Rd./Creeks Bridge Replacement project involves the replacement two (2) structurally deficient timber trestle bridges in Tangipahoa Parish near Tickfaw, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey (140' x 3200' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using GEOHEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys. Preliminary plans and hydraulic analysis are currently underway along with environmental and geotechnical services.

**Firm members involved include:** Dennis M. Hymel Jr., PE, Matthew Ledet, PLS, Kelly Jones





**17. Firm Experience:**

|   |   |  |   |                   |
|---|---|--|---|-------------------|
| Crescent Engineering & Mapping, LLC     |   | Past Performance Evaluation Discipline(s)* |   | Bridge            |
| Easley Rd. Bridge over Sweetwater Creek |   |  | Firm responsibility (prime or sub?)                           | Prime             |
| Project number                          |   | Owner's name                               | Tangipahoa Parish Government                                  |                   |
| Project location                        | Loranger, LA  |  | Owner's Project Manager                                       | Misty Evans, P.E. |
| Owner's address, phone, email           | 206 E. Mulberry St., Amite, LA 70422 / 985.244.6880 / mevans@tangipahoa.org |  |   |                   |
| Services commenced by this firm (mm/yy) |   | 03/22                                      | Total consultant contract cost (\$1,000's)                    | \$187             |
| Services completed by this firm (mm/yy) |   | Ongoing                                    | Cost of consultant services provided by this firm (\$1,000's) | \$129             |

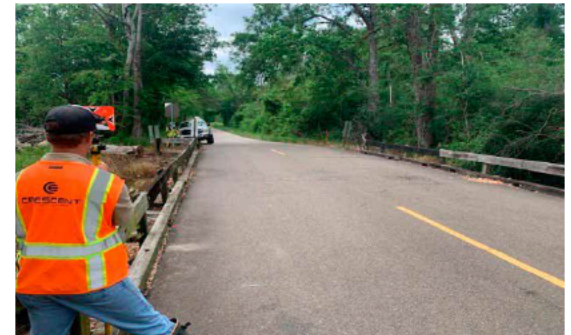
**Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation discipline(s) this project is being used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

The Easley Road over Sweetwater Creek Bridge Replacement project involves the replacement of a 3-span structurally deficient timber trestle bridge in Tangipahoa Parish near Loranger, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic analyses and modeling, roadway design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey (140' x 1600' DTM) was conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis was performed using GEOHEC-RAS and HEC-HMS as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding.

Crescent has completed the topographic surveys and the 90% Preliminary Plans. Final plans will begin after environmental approvals are obtained.

**Firm members involved include:** Dennis M. Hymel Jr., PE, Matthew Ledet, PLS, Kelly Jones



## 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 several 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.**

### Project Approach

Gresham Smith has one ultimate goal in mind for these contracts: make the projects a SUCCESS! Not just for Gresham Smith, but more importantly, make the project a success for DOTD and stakeholders, and most importantly, for our roadway users. There is a lot that goes into making a project a success, including the following:

#### 1. Safety

- A successful project begins and ends with ensuring safety, from designing a good sequencing plan to protect workers during construction, to meeting or exceeding preferred values within DOTD's Design Guidelines to design a safe roadway for the travelling public
- Safety will be at the forefront of all decisions throughout the design process

#### 2. Delivering task orders on time and under budget

- We will be committed to completing all of our deliverables within the agreed upon schedules

- We will have clear, concise scopes which have been thoroughly vetted, reducing the possibility of supplements or other budget adjustments

#### 3. Constant Communication and Project Management

- Our Project Manager and Deputy Project Manager, Richard Savoie and Brennon Hughes, will work together in tandem as they have for several Gresham Smith projects over the past few years
- Regular check-ins to communicate project status with DOTD's Project Manager and/or stakeholders
- Richard and Brennon will work together on staffing, scheduling, budgeting, and more in order to provide a QUALITY set of plans

The Gresham Smith Approach will focus on these three key areas in order to achieve our ultimate goal.

### Methodology

Gresham Smith understands that there are several different types of projects which may be initiated through this IDIQ retainer contract. These include, but are not limited to: roadway reconstructions, roadway widenings, realignments, intersection improvements, and roundabouts. While each project and site conditions will be different, our methodology for each will remain the same.

### Staffing

Based on our experience with numerous projects similar to the types of projects mentioned above, we anticipate that a typical roadway project team will consist of one lead engineer (engineer of record) along with one engineer in a supporting role. These engineers will be assisted by one engineer intern and/or technician. A majority of billable hours will be dedicated to this staff. Finally, a senior engineer will serve the team in an advisory capacity, along with Shawn Reese as our dedicated off-team QC Reviewer.

### Pre-Design Field Visit

After initial discussions with DOTD about a new task order, we will then discuss the project internally and schedule a pre-design field visit. We will go to the site and take photos, identify obstructions, and gather other information ahead of the kick-off meeting. We believe it is important to see the site in person ahead of the kick-off meeting in order to facilitate good discussion points and address any issues which may affect the project scope.

### 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. We have also included Crescent Engineering & Mapping on the team for surveying services, giving us the flexibility to meet all surveying requests from DOTD.

### **Preliminary Design**

The Preliminary Plan Design process is expected to be comprised of a 30%, 60%, 95%, and 100% submittal. Additionally, a Plan-in-Hand meeting will be held following the 95% Preliminary Plan submittal.

**The 30% submittal will consist of the Title Sheet, Proposed Typical Section, and Plan Profile Sheets.** Subgrade Soil survey information will need to be requested at this point. The plans will undergo a geometric review. A good design looks to accomplish the scope of the project but also minimize impacts to Utility relocation and environmental impacts, 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 95% submittal will add suggested sequence of construction sheets and suggested temporary erosion control sheets to the plans.** This is the first major plan submittal, 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 LADOTD. Any design waivers or design exceptions needed for the project will be submitted at this time. A review of the items, typically 20% of the items, that make up 80% of the project cost will be reviewed for value engineering considerations and presented to the Project Manager.

**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 and any utility relocations/impacts.

### **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.

The Gresham Smith team will be efficient by performing all traffic analysis and design work necessary under this IDIQ in house. Bert and his team will perform all traffic signal analysis and design, along with providing engineering services necessary for the development of Transportation Management Plans (TMPs).

Finally, we are 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.

### **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, we have vast experience in IDIQ contracts with DOTD, including the following:

1. **Retainer Contract for Safe Routes to Schools (SRTS) and Local Road Safety Program (LRSP)**
  - a. \$1.5M over five years (2016-2021)
  - b. 22 total task orders including 11 design projects
2. **Retainer Contract for Traffic Engineering Services**
  - a. \$3.0M over three years (2015-2018)
  - b. 8 total task orders including 4 design projects
3. **IDIQ Contract for Design of Safety Projects**
  - a. \$1.5M over five years (2021-Ongoing)
  - b. 7 total task orders to date including 4 design projects
4. **IDIQ Contracts for Intelligent Transportation Systems**
  - a. \$3.5M over five years (2014-Ongoing)
  - b. 16 total task orders to date
5. **IDIQ Contract for In-Depth Bridge Inspection**
  - a. \$5.0M over five years (2019-Ongoing)
  - b. 5 total task orders to date

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.

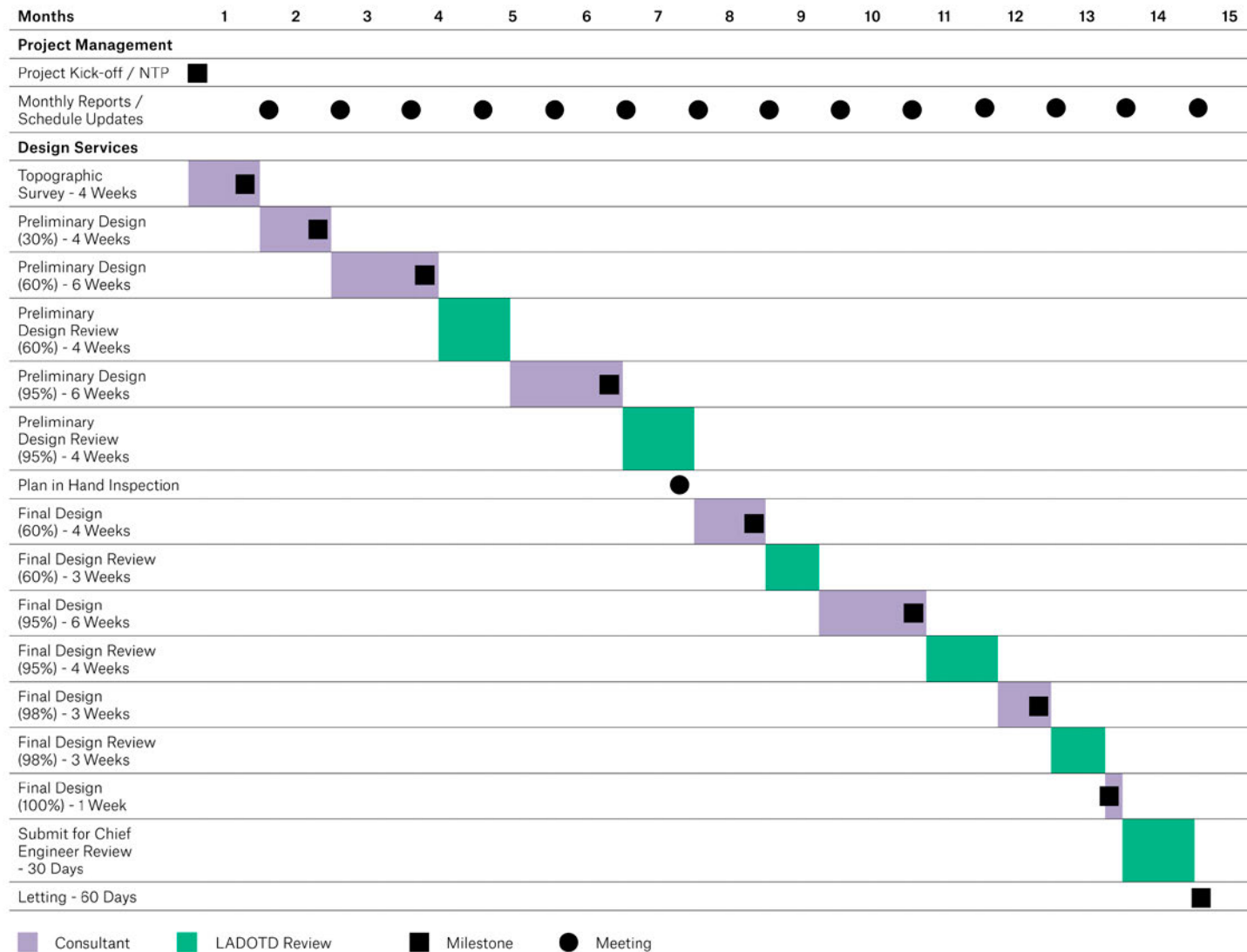
As this contract shall be in effect for five years in total, it is virtually guaranteed that some important decisions will need to be made regarding CADD software, and whether active task orders will be fully designed within the current CADD software or whether there will need to be a transition to the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

| 30% Preliminary Plans                                      | 60% Preliminary Plans   | 95% 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 reproducible full size set |
| Title Sheet, Proposed Typical Section, Plan Profile 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 Resistivity        | Preliminary Hydraulics and Geometrics Reviews                   | Initial Design Exception or Waiver request (if necessary)                                      | Final Hydraulics Review                    | Cost Estimate   | Cost Estimate  | Cost Estimate  |



## Example Schedule

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



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, Florida 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.



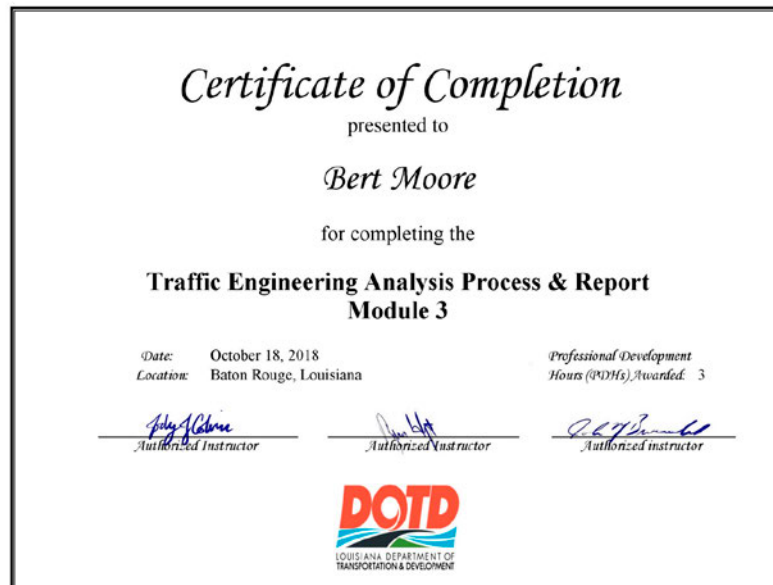
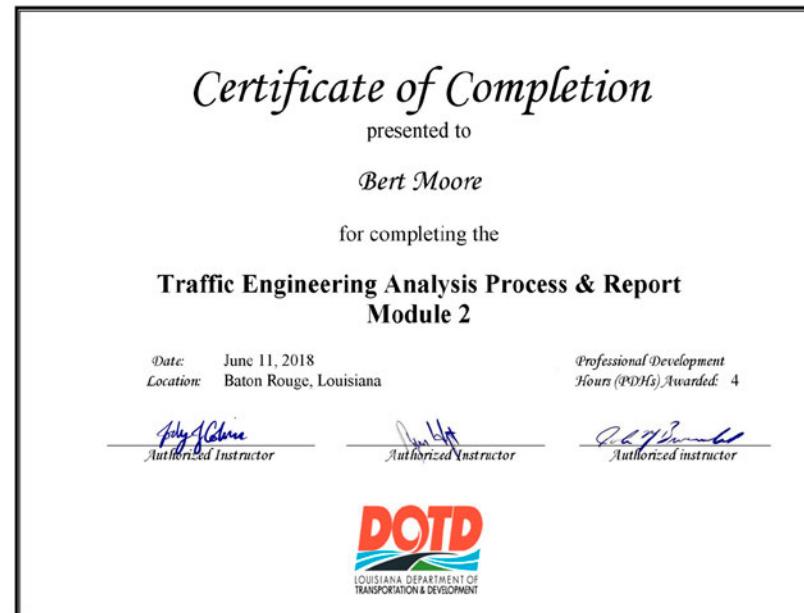
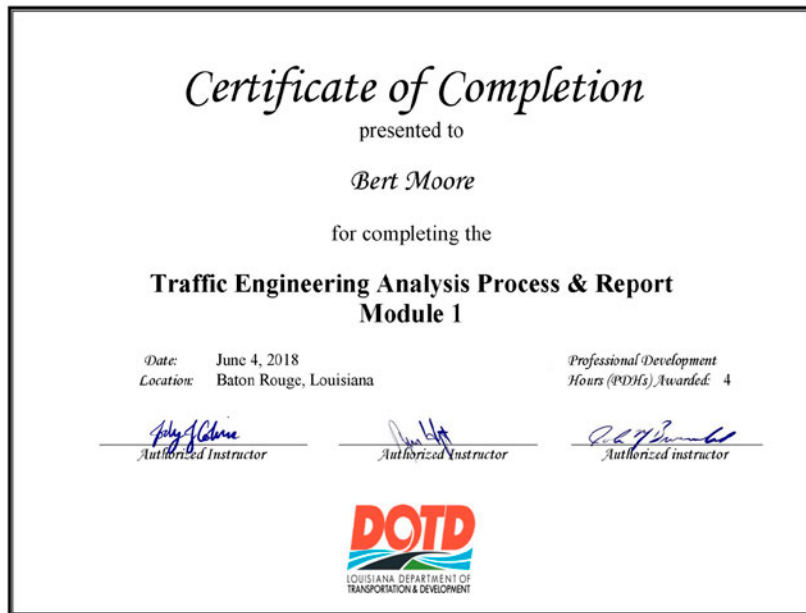
**19. Workload:**

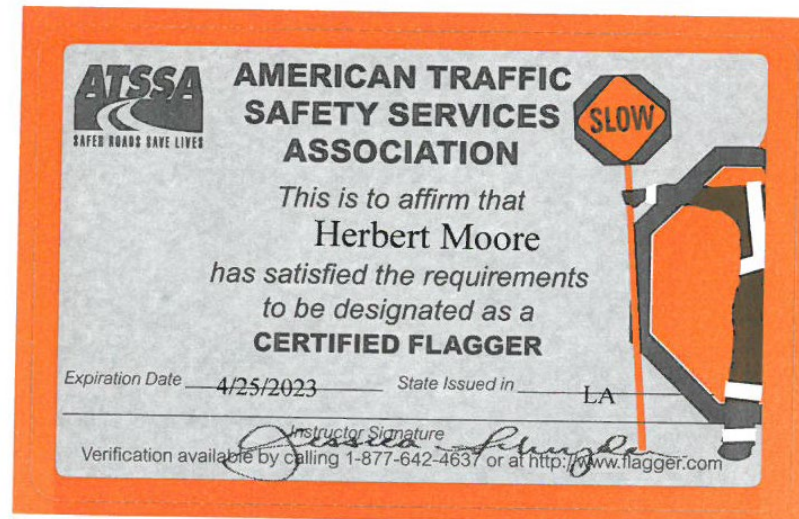
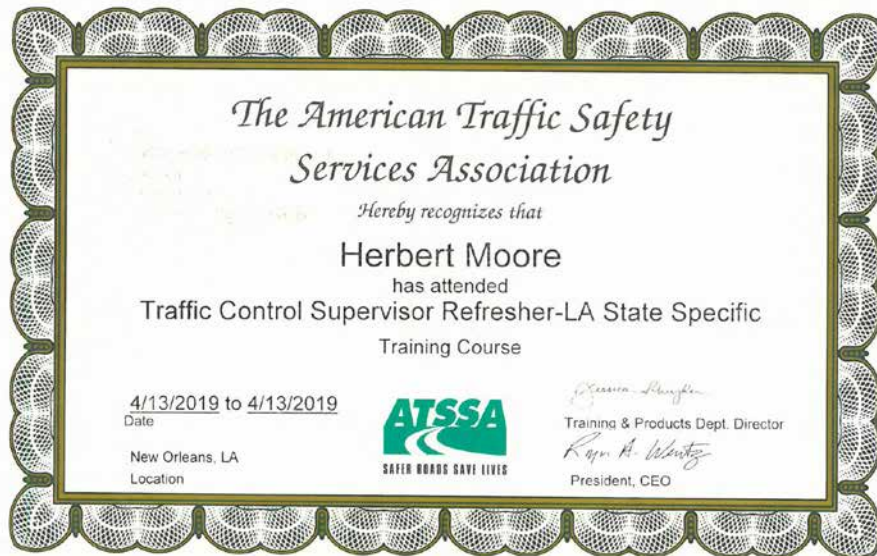
| <b>Firm</b>                         | <b>Past Performance Evaluation Disciplines(s) *</b> | <b>State Project Number</b> | <b>Project Name and Location</b>   | <b>Remaining unpaid balance**</b> |
|-------------------------------------|---|-----------------------------|--|-----------------------------------|
| Gresham Smith                       | Traffic   | H.12018.5                   | Lafayette Adaptive Traffic Signals   | \$125,826                         |
| 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   | \$365                             |
| 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    | \$813                             |
| Gresham Smith                       | CE&I/OV / ITS                                       | H.012381.6                  | Fiber Optic Mapping and Management Services - Calcasieu, Jefferson, Orleans, Ouachita, Plaquemines and St. Charles | \$257,769                         |
| Gresham Smith                       | Bridge  | H.009730.5                  | Complex Bridge Inspection TO#4   | \$41,322                          |
| Gresham Smith                       | Bridge  | H.009730.5                  | Complex Bridge Inspection TO#5   | \$137,493                         |
| Gresham Smith                       | Road  | H.013720.5                  | LRSP Signs and Stripping - Bonner Street Bridge Pedestrian Improvements  | \$12,354                          |
| Gresham Smith                       | Road  | H.013767.5                  | LRSP Signs and Stripping - St. Landry and St. Martin Parishes  | \$29,559                          |
| Gresham Smith                       | Road  | H.012527.6                  | LRSP/SRTS West Feliciana Signs, Striping and Guardrail Construction Support Supplement                             | \$2,487                           |
| Gresham Smith                       | Road  | H.013073.5                  | LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks  | \$165,256                         |
| Gresham Smith                       | Traffic   | H.015086.5                  | LRSP/STRPPP LA 14  | \$280,641                         |
| Gresham Smith                       | CE&I/OV   | H.009308.6                  | TO#1 New Orleans DPW SRTS Sidewalk Project   | \$19,791                          |
| 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                         |
| Crescent Engineering & Mapping, LLC |   |                             | No work under contract   | \$0                               |





## 20. Certifications/Licenses:











National Highway Institute



## Certificate of Training

**Brennon Hughes**

*has participated in*

FHWA NHI #380091V

Planning and Designing for Pedestrian Safety

*hosted by*

Louisiana DOTD

*Date:* October 25thru 28, 2021

*Hours of Instruction:* 18

*Location:* Online Virtual Delivery

**Joe Gilpin** Digitally signed by Joe Gilpin  
Date: 2020.12.03 23:15:13  
+05'00'

Instructor

**Keith Sinclair** Digitally signed by Keith Sinclair  
Date: 2020.12.03 23:16:51  
+05'00'

Instructor

Allison H. Landry, CGMP

Local Coordinator

*Thomas Harman*

Thomas Harman, Director  
National Highway Institute





## Certificate of Completion

presented to

*Rebecca LaPorte*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 2

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized instructor



## Certificate of Completion

presented to

*Rebecca LaPorte*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

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

Professional Development  
Hours (PDHs) Awarded: 3

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized instructor



## Certificate of Completion

presented to

*Rebecca LaPorte Murray*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized Instructor

*[Signature]*  
Authorized instructor



## Certificate of Attendance

presented to

*Rebecca LaPorte*

for attending

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

16 Professional Development Hours

June 5-6, 2018

Baton Rouge, Louisiana

Authorized Instructor

*[Signature]*

*[Signature]*





## Certificate of Completion

presented to

*Tait Karlson*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 2.5

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor



## Certificate of Completion

presented to

*Tait Karlson*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

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

Professional Development  
Hours (PDHs) Awarded: 3.5

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor



## Certificate of Completion

presented to

*Tait Karlson*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3.5

  
Authorized Instructor

  
Authorized Instructor

  
Authorized instructor





## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 1

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

Professional Development  
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor

## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 2

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

Professional Development  
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor

## Certificate of Completion

presented to

*Payton Nickles*

for completing the

### Traffic Engineering Analysis Process & Report Module 3

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

Professional Development  
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



American Traffic Safety  
Services Association

This is to affirm that

**PAYTON NICKLES**

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

Issue Date 3/1/2022

**Debbie Purcella**

Instructor Name

Exp. Date 3/1/2026

State Issued LA



Instructor Signature

V0000040666

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



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

Name: Public Address:  
Civil Design & Construction, Ms. Karla Weston  
Inc. P.O. Box 857  
Port Allen, LA 70767

**License/Certificate Information w/ Supervision**

| License    | Status | First Issuance Date | Expiration Date | Supervisor(s)                                 |
|------------|--------|---------------------|-----------------|---|
| EF.0003414 | ACTIVE | 02/27/2006          | 09/30/2022      | Mrs. Karla Ewing Weston # PE.0031010 - Active |





## LOUISIANA UNIFIED CERTIFICATION PROGRAM

### Disadvantaged Business Enterprise Program (DBE) Small Business Element (SBE)

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

### Civil Design & Construction, Inc.

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

**NC541330, NC541340, NC541350, NC541370**

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

**Certificate Eligibility: March 2022 to March 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.

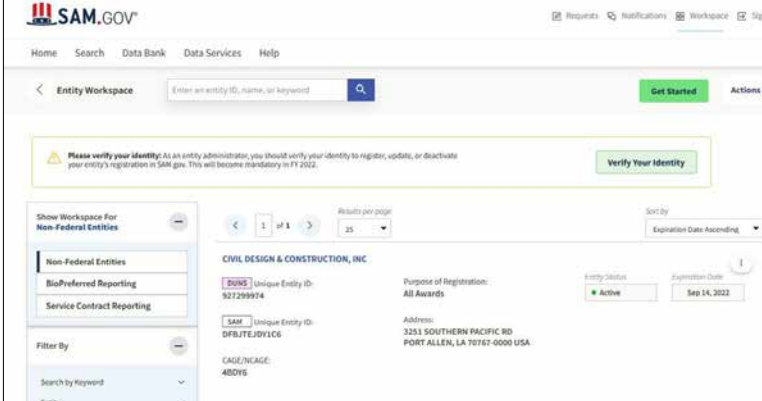
*Rhonda Wallace*  
**Rhonda Wallace, DBE/SBE Programs Manager**  
*Louisiana Department of Transportation & Development*

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

Name: Public Address:  
Civil Design & Construction, Inc. Ms. Karla Weston P. O. Box 857  
Port Allen, Louisiana 70767

**License/Certificate Information w/ Supervision**

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



The screenshot shows the SAM.GOV Entity Workspace for CIVIL DESIGN & CONSTRUCTION, INC. The page includes a search bar, a "Verify Your Identity" button, and a table of entity information. The table lists the entity name, DUNS Unique Entity ID (927299974), SAM Unique Entity ID (DFB/JEJDY1CG), CAGE/NCAGE (480Y6), and the expiration date (Sep 14, 2022). The entity status is "Active".





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

John Bel Edwards, Governor  
Shawn D. Wilson, Ph.D., Secretary

April 11, 2022

**Civil Design & Construction, Inc.**

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

Dear Karla Weston:

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

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

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2023**. However, should you not receive notification from this office for your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Louisiana Department of Transportation and Development | 1201 Capitol Access Road | Baton Rouge, LA 70802 | 225-379-1200  
An Equal Opportunity Employer | A Drug-Free Workplace | Agency of Louisiana.gov | dotd.la.gov

Civil Design & Construction, Inc.  
April 11, 2022  
Page 2

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

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

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

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

Respectfully,

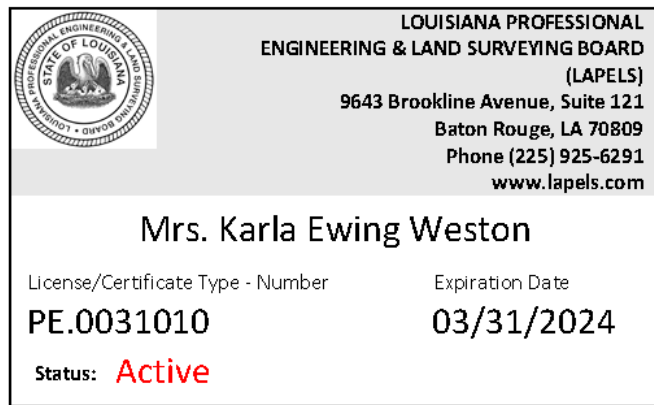
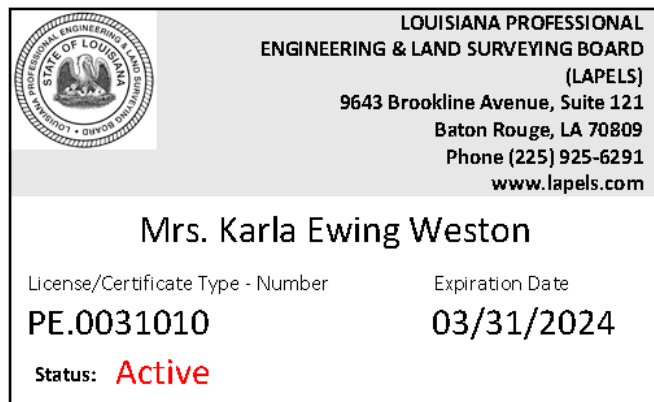
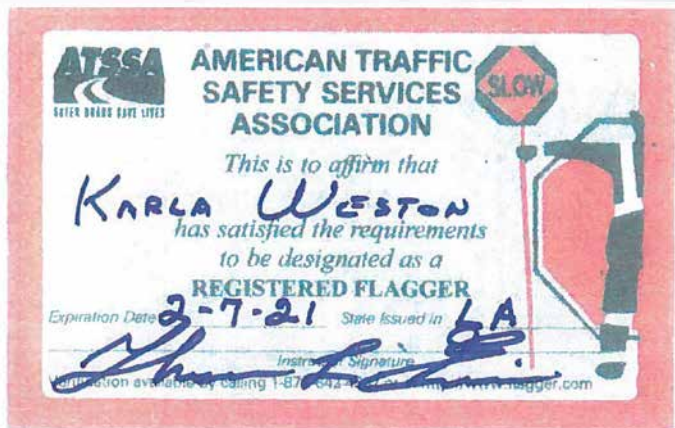
*Rhonda Wallace*

Rhonda Wallace  
DBE/SBE Programs Manager

Enclosure (Certificate)











### License Information

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


**Name:** Mr. Ralph D. Burgess      **Address:** 30562 Burgess Road  
Denham Springs, LA 70726

**License/Certificate Information**

| License     | Status | First Issuance Date | Expiration Date | Listed Discipline(s) |
|-------------|--------|---------------------|-----------------|----------------------|
| PLS.0005040 | Active | 05/24/2010          | 09/30/2022      |                      |

[View Pocket Card](#)

If you need to change your contact information, click the link below to update your contact info online:  
Online Contact Info Update (<https://renewals.lapels.com/Activities/Listing.aspx?ID=40>)



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

9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

**Mr. Ralph D. Burgess**

|                                   |                   |
|-----------------------------------|-------------------|
| License/Certificate Type - Number | Expiration Date   |
| <b>PLS.0005040</b>                | <b>09/30/2022</b> |
| <b>Status: Active</b>             |                   |







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

**9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)**

**Mr. Christopher Lyle Ballard**

License/Certificate Type - Number

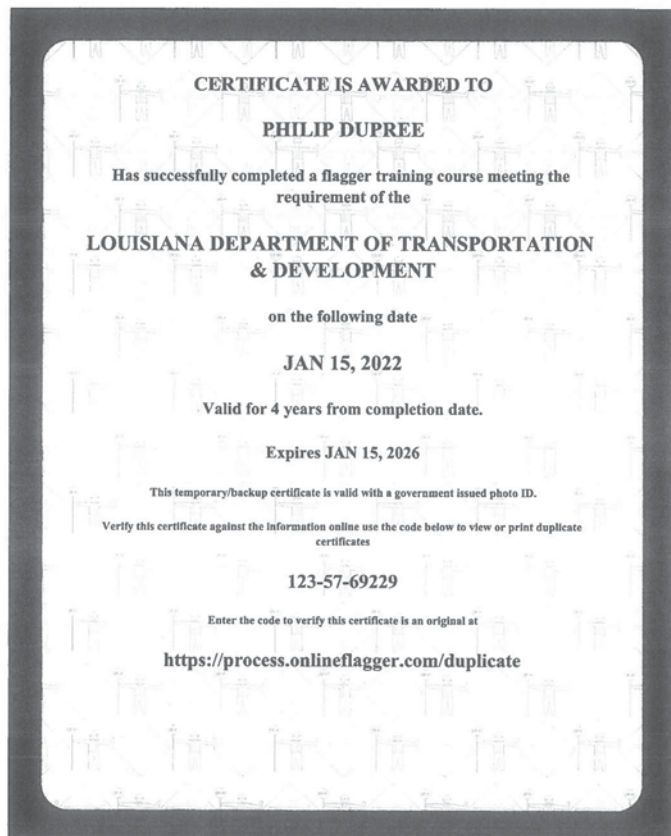
**PLS.0005033**

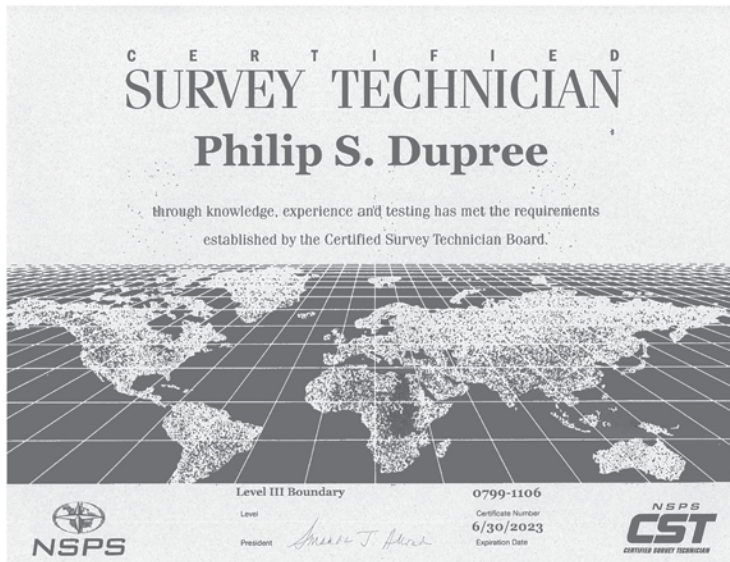
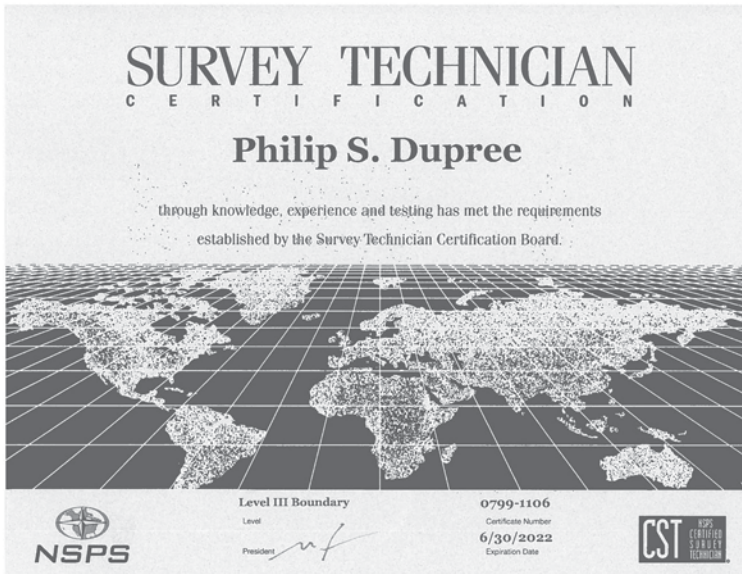
Expiration Date

**09/30/2022**

**Status: Active**















**I UNITED STATES OF AMERICA XI**  
 DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

**IV NAME**  
 SCOTT RICHARD BENTON

**V ADDRESS** 31050 LA HIGHWAY 16 APT 511  
 DENHAM SPRINGS LA 70726-8992

**VI NATIONALITY USA** **SEX** HEIGHT **WEIGHT** **HAIR** **EYES**  
 IVa D.O.B. 17 SEP 1983 M 74 220 BROWN BLUE

**IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF**

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

**XIV** *Billy Nelson*  
**VIII ACTING ADMINISTRATOR**

**U  
A  
S**

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

*This is to affirm that*  
 Scott Benton

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

Expiration Date 3/1/2024 State Issued in LA

*Instructor Signature*  
*Scott Benton*

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

**SCOTT RICHARD BENTON** **4644960**

**REMOTE PILOT** **XII RATINGS**  
 SMALL UNMANNED AIRCRAFT SYSTEM

**XIII LIMITATIONS**

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

**U  
A  
S**





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

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



**22. Sub-consultant Information:**

| <b>Firm Name (as registered with Louisiana's Secretary of State)</b> | <b>Address</b>  | <b>Point of Contact and email address</b>                    | <b>Phone Number</b> |
|--|---|--|---------------------|
| <b>Civil Design &amp; Construction, Inc.</b>                         | PO Box 857, Port Allen, LA<br>70767/3251 Southern Pacific Rd. | Karla E. Weston, PE<br>kweston@cdcbr.com                     | 225.765.1802        |
| <b>Crescent Engineering &amp; Mapping, LLC</b>                       | P.O. Box 370<br>Vacherie, LA 70090                            | Dennis M. Hymel, Jr., P.E.<br>dennis.hymel@crescentengla.com | 225.329.1742        |

(Add rows as needed)



23. Location:

[Redacted content]







# Gresham Smith

Genuine Ingenuity

Alpharetta, GA  
Atlanta, GA  
Baton Rouge, LA  
Birmingham, AL  
Charlotte, NC  
Chattanooga, TN  
Chicago, IL

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